

## National Park Service (NPS) - Denver Service Center (DSC) | 10-7-20

Submittal Number: 238200      PARK Acronym: HOSP      PMIS Number: 177425      Project: Rehabilitate Park Bathhouses

Contract Number:  
140P2025C0054

Sheet: 1 of 2  
Transmittal Number:

Subcontractor / Supplier:

[illegible]

|                              | A/E ACTION                                                  |                                                             | NPS ACTION                                                  |                         |
|------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------|
|                              | Action Submittal                                            | Informational Submittal                                     | Action Submittal                                            | Informational Submittal |
| Alternate Materials Proposed |                                                             |                                                             |                                                             |                         |
|                              | Approved                                                    | Approved                                                    | Approved                                                    | Accept                  |
|                              | <input checked="" type="checkbox"/> Approved with Notations | <input checked="" type="checkbox"/> Approved with Notations | <input checked="" type="checkbox"/> Approved with Notations | Reject                  |
|                              | Disapproved - Resubmit                                      | Disapproved - Resubmit                                      | Disapproved - Resubmit                                      |                         |

Date:

Date:

Date:

CMR- A&E needs to confirm the resupplied information meets conformity

**KHA: Refer to review comments from the engineer on pages 3 and 4 below.**

Date:

Date:

Distribute 1 copy each: CMR Interim,  
A/E, DSC, & Construction Contractor.

Approved with notations. Refer to EOR comments on page 3 and 4 of this document.

Transmittal Form (CM-16) - Continuation

National Park Service (NPS) - Denver Service Center (DSC) | 10-7-20

ACRONYMS: **A/E:** Architect/Engineer; **CMR:** Construction Management Representative; **FAR:** Federal Acquisition Regulation; **LEED:** Leadership in Energy & Environmental Design; **N/A:** Not Applicable; **PMIS:** Project Management Information System

Submittal Number: 238200

PARK Acronym: HOSP

PMIS Number: 177425

Project: Rehabilitate Park Bathhouses

Contract Number: 140P2025C0054

Date:

Sheet: 2 of 2

Transmittal Number:

Construction Contractor: Medvolt-Roundhouse JV

Subcontractor / Supplier:

|                              |  |
|------------------------------|--|
| Action Submittal             |  |
| Informational Submittal      |  |
| Item Number                  |  |
| Specification Section Number |  |
| Paragraph Number             |  |

Description of Item (Size, Type, Name, Manufacturer, Use, etc.)

Alternate Materials  
Proposed

| A/E ACTION              | NPS ACTION              |                         |
|-------------------------|-------------------------|-------------------------|
| Action Submittal        | Action Submittal        | Informational Submittal |
| Approved                | Approved                | Accept                  |
| Approved with Notations | Approved with Notations | Reject                  |
| Disapproved - Resubmit  | Disapproved - Resubmit  |                         |

Review Comments - Name: Comment(s):





## Submittal Response

**Alvine ID:** 00154  
**Client ID:** 23 8200-1.3A  
REV02  
**Date Sent:** 7/22/2026

**Project:** NPS Buckstaff Bath House HVAC and Electrical Service Replacement  
20239955

**To:** Chuck Landa  
United Stateschuck@kharch.com

**From:** Michael Gregory  
Alvine  
1201 Cass Street  
Omaha, Ne 68102  
mgregory@alvine.com  
(402) 346-7007

**Subject:** Buckstaff HVAC Convection Heating and Cooling Units - Product Data  
**Sent Via:** Email  
**Submittal ID:** 00081

**Action:** B - Reviewed, Exceptions Taken as  
Noted

**Remarks:** Submittal Review Responses:

1. Please provide revised performance data for all convection units utilizing the control valve Cv of 4.0 as part of the final Operation & Maintenance Manual submittal documents to be turned over to the owner at the completion of the project. The performance data included in this submittal package still shows the Cv rating of the control valves as 2.5 when the table included on page 5 is assumed to be based on a Cv rating of 4.0 based on the notes included on this page. The owner should have a record of the fan coil unit performance at the control valve Cv of 4.0 actually used.

Note: The review of this submittal has been made with the understanding that lead-time is critical for these convection units so the review of this submittal with the included comments is intended to expedite the review process. The contractor will be expected to provide the final performance data actually provided.

2. The included pressure drop sheet on page 5 of the submittal outlining the fan coil units where the pressure drops of the total unit (coil and piping package and the individual coil pressure drop) are assumed to be listed with the control valve Cv of 4.0. The pressure drops although slightly higher than the 10 feet of head desired, are acceptable based on the designed chilled water pump head calculations and intended pressure drops for the chilled water control valves which should not exceed a total of 20 ft. hd. for any fan coil unit. If the combined pressure drop of the fan coil unit, piping package and control valve combination exceeds a total

# Submittal Response

**Alvine ID:** 00154

**Date Sent:** 7/22/2026

head pressure of 20 ft. hd. (fan coil unit chilled water coil, piping package and control valve), the chilled water flow may need to be reduced slightly by during the fan coil unit test and balance procedures without increasing the fan coil unit discharge air temperature by a few degrees while providing no issues with the pump capabilities for the chilled water distribution pumps. Final flow on the 3-way valves for the system must not drop below the minimum flow of the chiller however so this will need to be closely coordinated during the TAB portion of the project.

3. It is noted that the for FCU-06, the heating water flow has been updated to indicate 0.3 GPM of flow.

4. It is noted that no BACnet interface thermostats are available for unit mounted and that wall-mounted thermostats will be provided. Coordination will need to be made in the field as to where the thermostats will be mounted as many of the wall materials and surfaces are constructed of existing marble or other ornate materials and the intent was not to disfigure the walls with control wiring conduit.

5. Coordinate in the field that there is adequate space for FCU 1-01 as the unit submitted for this fan coil unit is a model number FCVC103 versus the FCVC02 unit specified. The FCVC03 unit has a larger length (40.5") than the length of the FCVC02 unit (35") so verification as to the available space will need to be made by the contractor in the field.

**Spec Section:** 23 8200

## Contents:

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|           |   |        |           |         |
|-----------|---|--------|-----------|---------|
| Quantity: | 1 | Dated: | 7/21/2026 | Number: |
|-----------|---|--------|-----------|---------|

|              |                                                                                           |
|--------------|-------------------------------------------------------------------------------------------|
| Description: | 23 82 00-1.3A.0_REV02_BuckstaffHVAC_Convection Heating and Cooling Units_Product Data.pdf |
|--------------|-------------------------------------------------------------------------------------------|

Action:

Remarks:

Reviewing is only for conformance with the design concept of the Project and compliance with information given in the Contract documents. The Contractor is responsible for quantities, the verification of all field dimensions; for information pertaining to fabrication process, installation details, and/or construction methods and procedures; and for coordination of the work with all trades.



*Quality People. Building Solutions.*

Comfort Systems USA (Arkansas), Inc.  
P.O. Box 16620  
LittleRock, AR 72231  
Phone 501-834-3320  
Fax 501-834-5416

**Date:** 7/17/2026

**Return Request:** 7/24/2026

**Project:** Hot Springs National Park – Rehabilitate Bathhouses – Buckstaff Bathhouse

**Supplier:** Harrison Energy Partners

**Manufacturer:** Daikin

**Submittal:** Convection Heating and Cooling Units (FCUs) (Re-Submittal #2)

**Submittal Number:** 238200.001

**Spec Section:** 238200

**Drawing # and Installation Location:** M3-1, M3-2, and M3-3

**ARCHITECT**

Kenneth Hahn Architects, Inc.  
1343 S. 75<sup>th</sup> Street  
Omaha, Nebraska 68124  
(402)391-2111

**GENERAL CONTRACTOR**

Tepa, LLC  
2345 Grand Blvd, Suite 700  
Kansas City, Missouri 64108  
(816)708-1110

**ENGINEER**

Alvine Engineering  
1201 Cass Street  
Omaha, Nebraska 68102  
(402)346-7007

**MECHANICAL SUBCONTRACTOR**

Comfort Systems USA (Arkansas), Inc.  
9924 Landers Road  
North Little Rock, Arkansas 72117  
(501)834-3320

**Comments:**

|  |
|--|
|  |
|--|

**CSUSA PROJECT NO.**

**25-7065**

**[joe@comfortar.com](mailto:joe@comfortar.com)**

9924 Landers Road  
No. LittleRock, AR 72117



# Submittal

**Prepared For:**  
Alvine Engineering

**Date:**  
July 17, 2026

**Sold To:**  
Comfort Systems USA

**Job Name:**  
Buckstaff Bathouse

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Harrison Energy Partners is pleased to provide the enclosed submittal for your review and approval.

**Qty.    Product Summary**  
36       Daikin Fan Coil Units

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**Josh Robinson**  
Harrison Energy Partners  
1501 Westpark Drive, Suite 9  
Little Rock, AR 72204-2457  
Phone: (501) 661-0621  
Cell: (501) 539-0633  
Fax: (501) 661-9109

*The attached information describes the equipment we propose to furnish for this project, and is submitted for your approval.*

## Revision Notes

1. FCU B-2, 1-02, 1-03, 1-04, 1-17, 2-10, 2-13, 2-14, 2-16, and 2-17 chilled water control valves are 3-way
  2. Cv values changed to 4 on FCU B-2, FCU 1-02, FCU 1-03, FCU 1-04, FCU 1-16, FCU 1-17, FCU 2-02, FCU 2-03, FCU 2-04, FCU 2-08, FCU 2-10, FCU 2-12, FCU 2-13, FCU 2-14, FCU 2-16 and FCU 2-17
  3. Cv value changed to 4 on FCU1-14, and Cv value changed to 2.5 on FCU2-07
    - a. Total WPD for FCU1-14 went from 9.71 to 6.95ft. hd. (lowered 2.76 ft. hd.). The change in value is less than the requested minimum of 3-ft hd but the Cv value is maxed out at 4
    - b. Total WPD for FCU2-07 went from 9.07 to 2.79 ft. hd.
  4. FCU 1-06 heating water flow of 0.3 GPM
  5. Providing wall mounted BACnet interface thermostats on all FCUs. There is no option to provide unit mounted thermostats with BACnet interface.
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Note: The units listed in the table below are units that still have a Total WPD (Coil + Piping Package) greater than 10 ft. hd. Please note that the schedule only lists Coil WPD and there is no mention of valve WPD. The units submitted match the scheduled Coil WPD, and the coils alone are close to, if not over, the requested maximum Total WPD of 10 ft. hd.

While the resulting total pressure drop remains above the requested maximum in some cases, no larger Cv option is available. Further reduction in pressure drop would require a different valve arrangement or a change to the design criteria. The current selection represents the lowest achievable pressure drop with the available modulating control valve options.

Additionally, increasing the Cv beyond the originally selected value reduces the pressure drop across the control valve but can negatively impact valve authority and controllability. Modulating control valves rely on a certain amount of pressure drop to provide stable and accurate flow control through the coil. As valve pressure drop decreases, the valve becomes less effective at regulating flow, which can result in reduced control accuracy, increased valve hunting, and less stable space temperature control. While lower pressure drop is generally desirable from a hydronic standpoint, it must be balanced against the valve's ability to properly modulate and control coil performance.

| <b>FCU</b> | <b>Total WPD (Coil+Piping Package)</b> | <b>Coil WPD</b> | <b>Scheduled Coil WPD</b> |
|------------|----------------------------------------|-----------------|---------------------------|
| 1-02       | 13.28                                  | 10.04           | 10                        |
| 1-03       | 13.28                                  | 10.04           | 10                        |
| 1-04       | 10.73                                  | 8.16            | 8.2                       |
| 1-17       | 14.4                                   | 10.86           | 10.9                      |
| 2-02       | 12.2                                   | 8.22            | 8.2                       |
| 2-03       | 12.23                                  | 8.25            | 8.3                       |
| 2-04       | 11.57                                  | 7.6             | 7.6                       |
| 2-08       | 10.51                                  | 6.92            | 7                         |
| 2-10       | 10.63                                  | 7.38            | 7.54                      |
| 2-13       | 13.38                                  | 10.13           | 10.2                      |
| 2-14       | 10.64                                  | 7.39            | 7.4                       |
| 2-16       | 13.42                                  | 10.17           | 10.2                      |
| 2-17       | 10.74                                  | 8.18            | 8.3                       |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU B-1             |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC104       | 04        | 115/60/1              | 335             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC104      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 04           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |                           |          |                 |
|----------------------------|---------------------------|----------|-----------------|
| Unit                       |                           |          |                 |
| Depth                      | Width                     | Height   | Shipping Weight |
| 10.0 in                    | 46.0 in                   | 25.00 in | 108 lb          |
| Filters                    |                           |          |                 |
| Type                       | (Quantity) Height x Width |          |                 |
| 1" Throwaway MERV 8 Filter | (1) 27 in x 8.75 in       |          |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                            | 4               | 1.4 ft <sup>2</sup> | 234.3 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 12161              | 8953                         | 80.0            | 67.0                | 55.6                                 | 55.4                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 52.3                         | Water           | 2.9                 | 6.97                                 | Left Hand (Front of Face)               |

| Hot Water Reheat Coil                 |                          |                  |                           |                                            |
|---------------------------------------|--------------------------|------------------|---------------------------|--------------------------------------------|
| Physical                              |                          |                  |                           |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                 | Connections                                |
| 12                                    | 1                        | 1                | 0.8 ft²                   | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                           |                                            |
| Total Capacity                        | Temperature              |                  |                           |                                            |
|                                       | Air                      |                  | Fluid                     |                                            |
|                                       | Entering                 | Leaving          | Entering                  | Leaving                                    |
| 7425                                  | 70.0                     | 90.3             | 160.0                     | 110.5                                      |
| Fluid                                 |                          |                  |                           |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling             |                                            |
| Water                                 | 0.3                      | 0.57             | Left Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                           |                                            |
|                                       | Primary Coil             |                  | Secondary Coil            |                                            |
| Coil Pressure Drop:                   | 2.91 ft H <sub>2</sub> O |                  | 0.35 ft H <sub>2</sub> O  |                                            |
| Control Valve Pressure Drop:          | 3.17 ft H <sub>2</sub> O |                  | 0.21 ft H <sub>2</sub> O  |                                            |
| Circuit Setter Pressure Drop:         | 0.10 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Strainer Pressure Drop:               | 0.66 ft H <sub>2</sub> O |                  | 0.01 ft H <sub>2</sub> O  |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.14 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Total Water Pressure Drop:            | 6.97 ft H <sub>2</sub> O |                  | 0.57 ft H <sub>2</sub> O  |                                            |
| Supply Fan                            |                          |                  |                           |                                            |
| Fan                                   |                          |                  |                           |                                            |
|                                       |                          |                  |                           |                                            |
| Fan Height                            | Fan Width                |                  | Quantity                  |                                            |
| 6.30 in                               | 6.26 in                  |                  | 2                         |                                            |
|                                       |                          |                  |                           |                                            |
| Motor                                 |                          |                  |                           |                                            |
| Type                                  | Horsepower               |                  | Quantity                  |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                         |                                            |
| Primary Valve Package                 |                          |                  |                           |                                            |
| Configuration                         |                          |                  |                           |                                            |
| Coil Control                          |                          |                  |                           |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                   |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                       |                                            |
| Coil Connection                       |                          |                  |                           |                                            |
| Size                                  |                          | Type             |                           |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                           |                                            |
| Valve Shutoff Control                 |                          |                  |                           |                                            |
| Shutoff Pressure                      | Valve                    |                  |                           |                                            |
|                                       | Position                 |                  | CV Value                  |                                            |
| High Close Off                        | Normally Closed          |                  | 2.5                       |                                            |
| Valve Piping Package                  |                          |                  |                           |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type           |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                     |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 53                               | 54     | 51     | 49    | 44    | 35    | 33    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Leveling Legs:                  | Leveling Legs              |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.

Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.



## Accessories

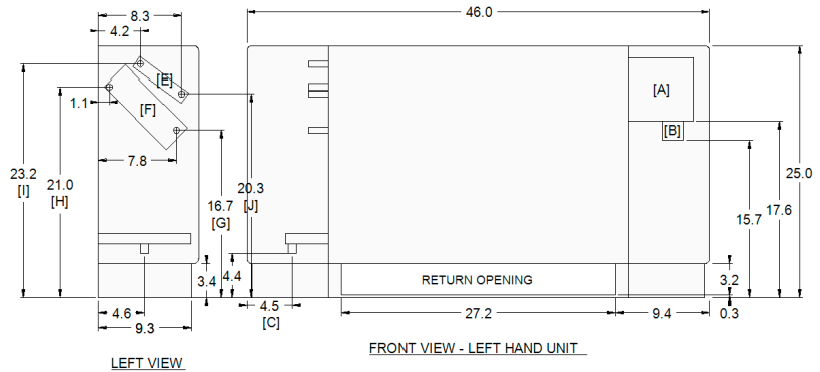
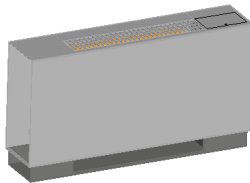
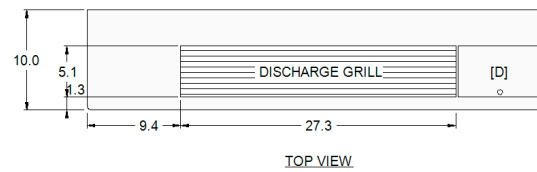
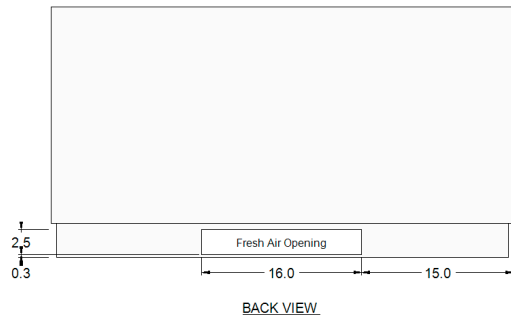
### Optional

Part Number

Description

250803500

BACnet t-stat MIT-FA-005 (Low Voltage only)



| NOTES                                 |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU B-1                 |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC104                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

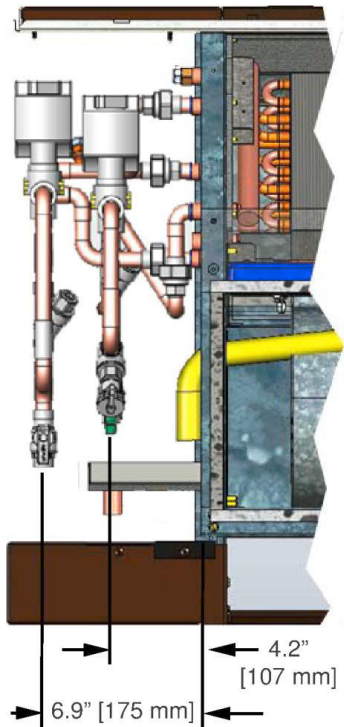
|                                                                                                                                                                                   |  |                                               |                            |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU B- : VH : VP 004                |                            | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |                            |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |                            |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev:      Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |                            |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |                            |                                                                                                                                                                                                  |

## Connecting Pipe Locations: 4-Pipe, Left Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

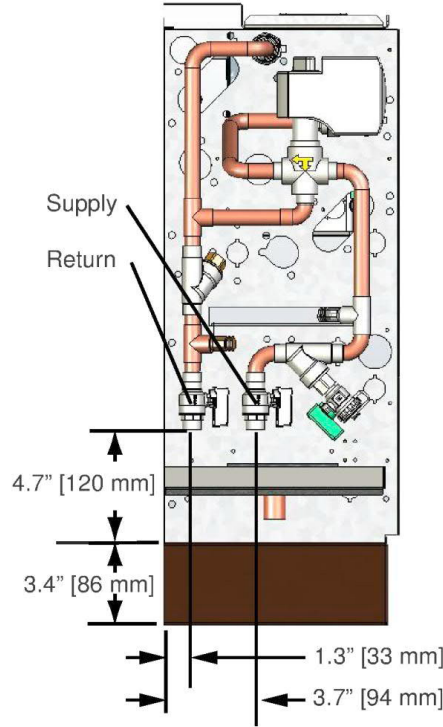
### Front View

Primary and Reheat Coil  
Piping Shown



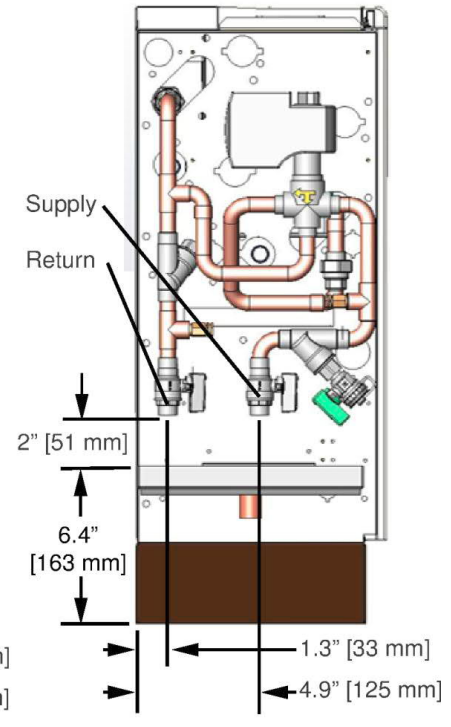
### End View:

Reheat Coil Piping Shown  
Primary Coil Piping Hidden



### End View

Primary Coil Piping Shown  
Reheat Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU B-1                 |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC104  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |
|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU B-2             |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC108       | 08        | 115/60/1              | 600             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC108      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 08           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 62.5 in | 25.00 in                  | 153 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (2) 21.7 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 7.0 A          | 8.8 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 2.5 ft <sup>2</sup> | 243.9 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 20740              | 15010              | 80.0            | 67.0                | 57.1                                 | 56.0                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 54.4               | Water           | 4.0                 | 14.06                                | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                           |                  |                            |                                            |
|---------------------------------------|---------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                           |                  |                            |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                         | 1                | 1.5 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                            |                                            |
| Total Capacity                        | Temperature               |                  |                            |                                            |
|                                       | Air                       |                  | Fluid                      |                                            |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                                    |
| 12943                                 | 70.0                      | 89.7             | 160.0                      | 108.2                                      |
| Fluid                                 |                           |                  |                            |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.5                       | 1.82             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                            |                                            |
|                                       | Primary Coil              |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 6.48 ft H <sub>2</sub> O  |                  | 1.21 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 5.91 ft H <sub>2</sub> O  |                  | 0.58 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.19 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 1.22 ft H <sub>2</sub> O  |                  | 0.02 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.26 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 14.06 ft H <sub>2</sub> O |                  | 1.82 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                           |                  |                            |                                            |
| Fan                                   |                           |                  |                            |                                            |
|                                       |                           |                  |                            |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                            |
| 6.30 in                               | 6.26 in                   |                  | 2                          |                                            |
|                                       |                           |                  |                            |                                            |
| Motor                                 |                           |                  |                            |                                            |
| Type                                  | Horsepower                |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | (2) 1/4 hp                |                  | 2                          |                                            |
| Primary Valve Package                 |                           |                  |                            |                                            |
| Configuration                         |                           |                  |                            |                                            |
| Coil Control                          |                           |                  |                            |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                            |
| Proportional, Modulating              | 3-Way                     |                  | 24V                        |                                            |
| Coil Connection                       |                           |                  |                            |                                            |
| Size                                  |                           | Type             |                            |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                           |                  |                            |                                            |
| Shutoff Pressure                      | Valve                     |                  |                            |                                            |
|                                       | Position                  |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                            |
| Valve Piping Package                  |                           |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 56                               | 58     | 58     | 58    | 54    | 45    | 39    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



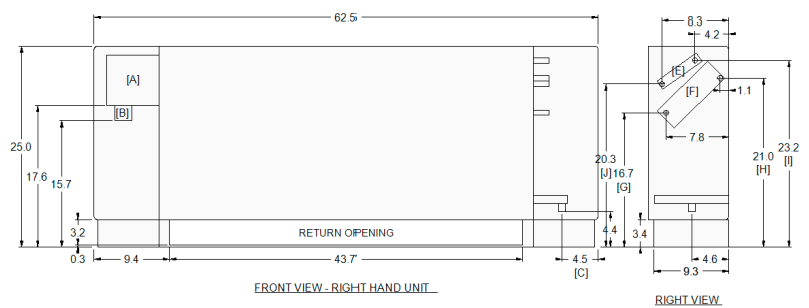
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



|                        |                                          |          |               |                                        |                      |               |                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b> | Unit Tag: FCU B-2                        |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br><a href="http://www.DaikinApplied.com">www.DaikinApplied.com</a> Software Version: 13.00 |
| Product:               | Project Name: <b>Buckstaff Bathhouse</b> |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                                                        |
| Model: FCVC108         | July 16, 2026                            | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                                                        |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.



|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |                     |                    |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|---------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU B- : VH : VP 004                |                     |                    | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |                     |                    |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |                     |                    |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev:            | Sheet 1 of 1       |                                                                                                                                                                                                  |
|                                                                                                                                                                                   |  | Scale: NTS                                    | Tolerance: +/-0.25" | Dwg Units: in [mm] |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |                     |                    |                                                                                                                                                                                                  |

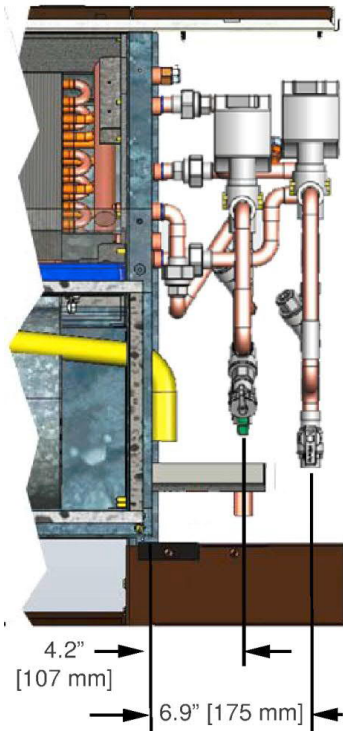
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve</b><br>Modulates water flow in response to 24V signal.                                                                                  |
|  |  | <b>3-Way Modulating Valve (3-wire or proportional)</b><br>Modulate or bypass water flow in response to 24V signal. Includes fixed orifice for balancing.          |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                        |          |                     |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU B- : VP : VP 007         |          |                     | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |          |                     |                                                                                                                                                                                                  |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |          |                     |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev: | Sheet 1 of 1        |                                                                                                                                                                                                  |
|                                                                                                                                                                                   |  | Scale: NTS                             |          | Tolerance: +/-0.25" | Dwg Units: in [mm]                                                                                                                                                                               |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |          |                     |                                                                                                                                                                                                  |

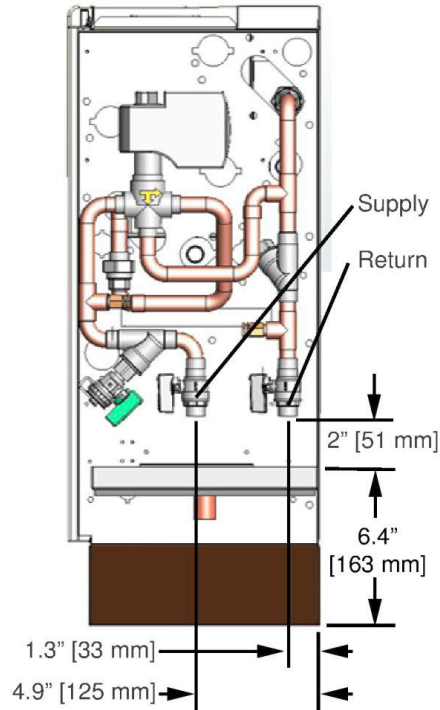
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

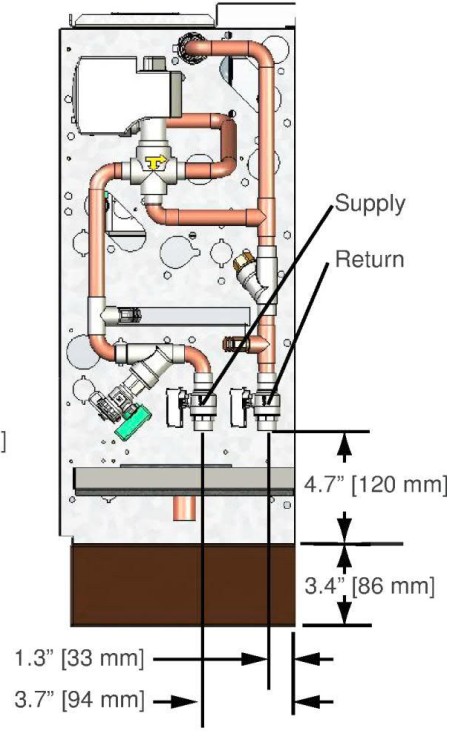
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU B-2                 |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC108  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-01            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC103       | 03        | 115/60/1              | 320             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC103      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 03           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 40.5 in | 25.00 in                  | 94 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 21.5 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                  | 4               | 1.1 ft <sup>2</sup> | 296.3 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 11739              | 8246               | 80.0            | 67.0                | 56.4                                 | 55.2                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 53.4               | Water           | 2.5                 | 5.37                                 | Left Hand (Front of Face)               |

| Hot Water Reheat Coil                 |                          |                  |                           |                                            |
|---------------------------------------|--------------------------|------------------|---------------------------|--------------------------------------------|
| Physical                              |                          |                  |                           |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                 | Connections                                |
| 12                                    | 1                        | 1                | 0.6 ft²                   | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                           |                                            |
| Total Capacity                        | Temperature              |                  |                           |                                            |
|                                       | Air                      |                  | Fluid                     |                                            |
|                                       | Entering                 | Leaving          | Entering                  | Leaving                                    |
| 4980                                  | 68.0                     | 82.2             | 160.0                     | 110.2                                      |
| Fluid                                 |                          |                  |                           |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling             |                                            |
| Water                                 | 0.2                      | 0.25             | Left Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                           |                                            |
|                                       | Primary Coil             |                  | Secondary Coil            |                                            |
| Coil Pressure Drop:                   | 2.41 ft H <sub>2</sub> O |                  | 0.16 ft H <sub>2</sub> O  |                                            |
| Control Valve Pressure Drop:          | 2.31 ft H <sub>2</sub> O |                  | 0.09 ft H <sub>2</sub> O  |                                            |
| Circuit Setter Pressure Drop:         | 0.07 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Strainer Pressure Drop:               | 0.48 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.10 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Total Water Pressure Drop:            | 5.37 ft H <sub>2</sub> O |                  | 0.25 ft H <sub>2</sub> O  |                                            |
| Supply Fan                            |                          |                  |                           |                                            |
| Fan                                   |                          |                  |                           |                                            |
|                                       |                          |                  |                           |                                            |
| Fan Height                            | Fan Width                |                  | Quantity                  |                                            |
| 6.30 in                               | 7.95 in                  |                  | 1                         |                                            |
|                                       |                          |                  |                           |                                            |
| Motor                                 |                          |                  |                           |                                            |
| Type                                  | Horsepower               |                  | Quantity                  |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                         |                                            |
| Primary Valve Package                 |                          |                  |                           |                                            |
| Configuration                         |                          |                  |                           |                                            |
| Coil Control                          |                          |                  |                           |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                   |                                            |
| Proportional, Modulating              | 3-Way                    |                  | 24V                       |                                            |
| Coil Connection                       |                          |                  |                           |                                            |
| Size                                  |                          | Type             |                           |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                           |                                            |
| Valve Shutoff Control                 |                          |                  |                           |                                            |
| Shutoff Pressure                      | Valve                    |                  |                           |                                            |
|                                       | Position                 |                  | CV Value                  |                                            |
| High Close Off                        | Normally Closed          |                  | 2.5                       |                                            |
| Valve Piping Package                  |                          |                  |                           |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type           |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                     |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 52                               | 53     | 54     | 53    | 49    | 41    | 36    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



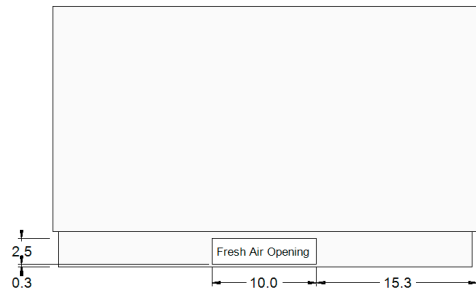
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

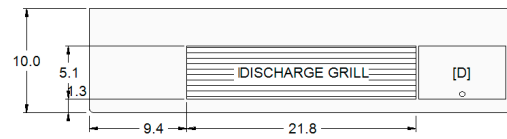
Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

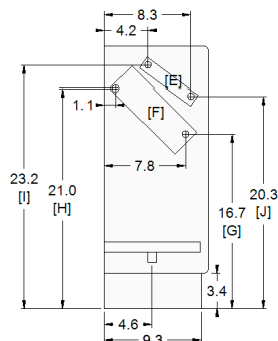
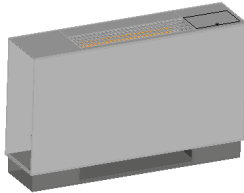
| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



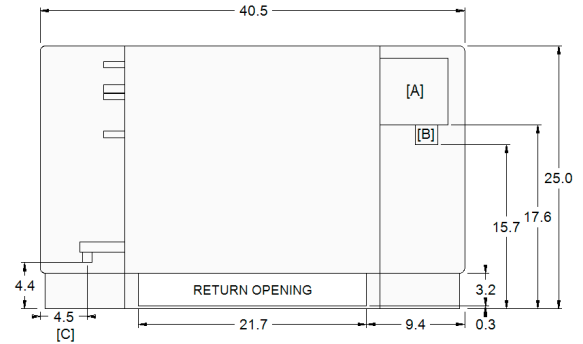
BACK VIEW



TOP VIEW



LEFT VIEW



FRONT VIEW - LEFT HAND UNIT

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |  |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   |  | Unit Tag: FCU 1-01                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC103                                                                                                                                                                    |  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |



|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve</b><br>Modulates water flow in response to 24V signal.                                                                                  |
|  |  | <b>3-Way Modulating Valve (3-wire or proportional)</b><br>Modulate or bypass water flow in response to 24V signal. Includes fixed orifice for balancing.          |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

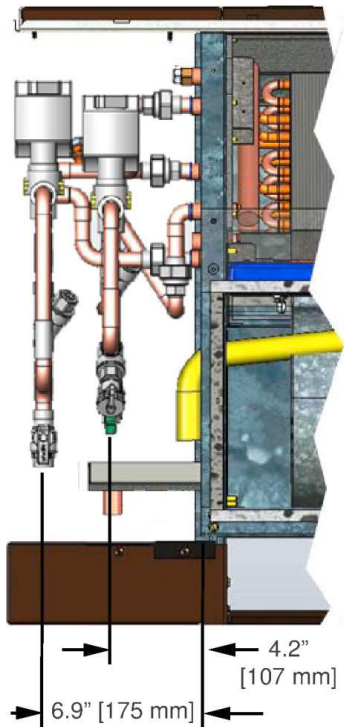
|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |                     |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VP : VP 005                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |                     |                    |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |                     |                    |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |                     |                    |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |                     |                    |
|                                                                                                                                                                                   |  |                                               |          |              | Scale: NTS                                                                                                                                                                                       | Tolerance: +/-0.25" | Dwg Units: in [mm] |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |                     |                    |

## Connecting Pipe Locations: 4-Pipe, Left Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

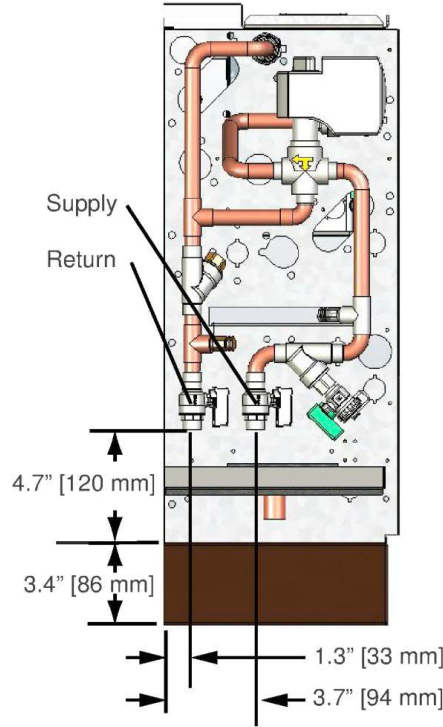
### Front View

Primary and Reheat Coil  
Piping Shown



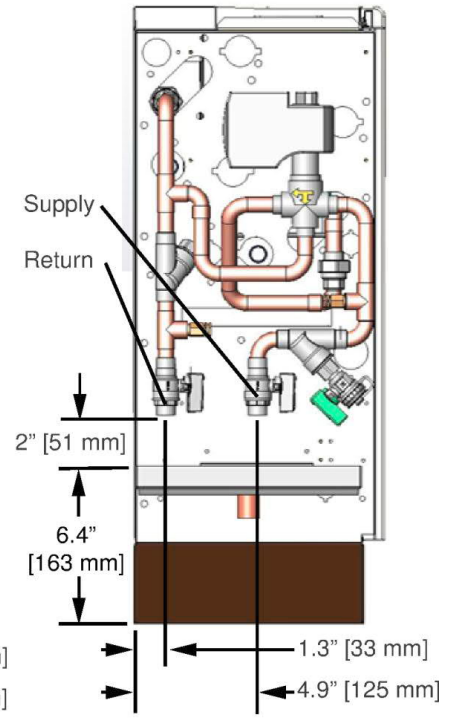
### End View:

Reheat Coil Piping Shown  
Primary Coil Piping Hidden



### End View

Primary Coil Piping Shown  
Reheat Coil Piping Hidden



|                        |                                          |                                               |                                                                                                                                                                                             |                                                 |
|------------------------|------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <b>Product Drawing</b> | <b>Unit Tag:</b> FCU 1-01                | <b>Sales Office:</b> Harrison Energy Partners | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com Software Version: 13.00 |                                                 |
| <b>Product:</b>        | <b>Project Name:</b> Buckstaff Bathhouse | <b>Sales Engineer:</b>                        |                                                                                                                                                                                             |                                                 |
| <b>Model:</b> FCVC103  | July 16, 2026                            | Ver/Rev:                                      | Sheet: 1 of 1                                                                                                                                                                               | Scale: NTS Tolerance: +/- 0.25" Dwg Units: (in) |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-02            |                      |



| Unit Overview |           |                       |                 |                                                |                    |
|---------------|-----------|-----------------------|-----------------|------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC108       | 08        | 115/60/1              | 875             | 0.00                                           | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC108      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 08           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 62.5 in | 25.00 in                  | 153 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (2) 21.7 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 7.0 A          | 8.8 A    | 15 A       |

| Chilled Water Coil |                    |                 |                  |                                      |                                         |
|--------------------|--------------------|-----------------|------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                  |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area        | Face Velocity                        | Connections                             |
| 12                 | 4                  | 4               | 2.5 ft²          | 355.7 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                  |                                      |                                         |
| Capacity           |                    | Air Temperature |                  |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                  | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F   | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 30112              | 21758              | 80.0            | 67.0             | 57.3                                 | 56.0                                    |
| Fluid              |                    |                 |                  |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                  |                                      |                                         |
| 44.0               | 57.4               | Water           | 4.5              | 19.63                                | Right Hand (Front of Face)              |

| Hot Water Reheat Coil                 |                           |                  |                            |                                            |
|---------------------------------------|---------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                           |                  |                            |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                         | 1                | 1.5 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                            |                                            |
| Total Capacity                        | Temperature               |                  |                            |                                            |
|                                       | Air                       |                  | Fluid                      |                                            |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                                    |
| 15337                                 | 70.0                      | 86.0             | 160.0                      | 108.9                                      |
| Fluid                                 |                           |                  |                            |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.6                       | 2.58             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                            |                                            |
|                                       | Primary Coil              |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 10.04 ft H <sub>2</sub> O |                  | 1.71 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 7.48 ft H <sub>2</sub> O  |                  | 0.83 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.24 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 1.55 ft H <sub>2</sub> O  |                  | 0.03 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.32 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 19.63 ft H <sub>2</sub> O |                  | 2.58 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                           |                  |                            |                                            |
| Fan                                   |                           |                  |                            |                                            |
|                                       |                           |                  |                            |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                            |
| 6.30 in                               | 6.26 in                   |                  | 2                          |                                            |
|                                       |                           |                  |                            |                                            |
| Motor                                 |                           |                  |                            |                                            |
| Type                                  | Horsepower                |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | (2) 1/4 hp                |                  | 2                          |                                            |
| Primary Valve Package                 |                           |                  |                            |                                            |
| Configuration                         |                           |                  |                            |                                            |
| Coil Control                          |                           |                  |                            |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                            |
| Proportional, Modulating              | 3-Way                     |                  | 24V                        |                                            |
| Coil Connection                       |                           |                  |                            |                                            |
| Size                                  |                           | Type             |                            |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                           |                  |                            |                                            |
| Shutoff Pressure                      | Valve                     |                  |                            |                                            |
|                                       | Position                  |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                            |
| Valve Piping Package                  |                           |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 59                               | 61     | 61     | 61    | 57    | 48    | 42    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

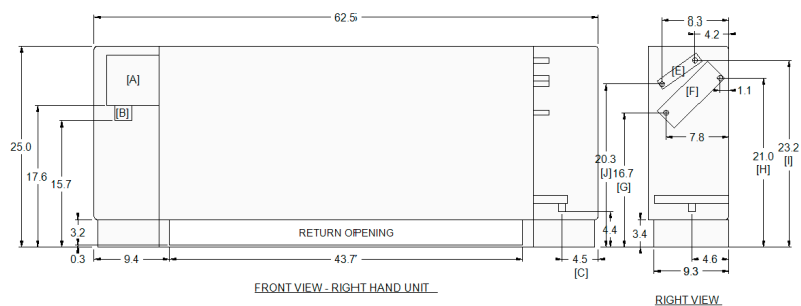
## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.

Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



|                        |                                          |          |                                        |                                                     |                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------|----------|----------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b> | Unit Tag: FCU 1-02                       |          | Sales Office: Harrison Energy Partners |                                                     | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br><a href="http://www.DaikinApplied.com">www.DaikinApplied.com</a> Software Version: 13.00 |
| Product:               | Project Name: <b>Buckstaff Bathhouse</b> |          | Sales Engineer:                        |                                                     |                                                                                                                                                                                                                                        |
| Model: FCVC108         | July 16, 2026                            | Ver/Rev: | Sheet: 1 of 1                          | Scale: NTS    Tolerance: +/- 0.25"    Dwg Units: in |                                                                                                                                                                                                                                        |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                        |          |                     |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004         |          |                     | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |          |                     |                                                                                                                                                                                                  |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |          |                     |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev: | Sheet 1 of 1        |                                                                                                                                                                                                  |
|                                                                                                                                                                                   |  | Scale: NTS                             |          | Tolerance: +/-0.25" | Dwg Units: in [mm]                                                                                                                                                                               |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |          |                     |                                                                                                                                                                                                  |

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve</b><br>Modulates water flow in response to 24V signal.                                                                                  |
|  |  | <b>3-Way Modulating Valve (3-wire or proportional)</b><br>Modulate or bypass water flow in response to 24V signal. Includes fixed orifice for balancing.          |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

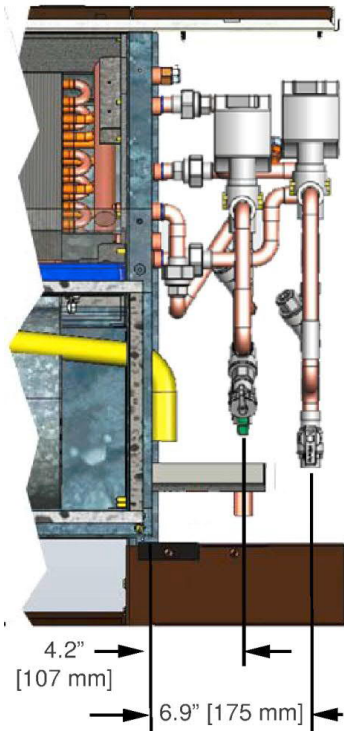
|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                                             |                     |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VP : VP 007                |          |              | <div></div> <div>13600 Industrial Park Blvd. Minneapolis, MN 55441</div> <div>www.DaikinApplied.com      Software Version: 05.00</div> |                     |                    |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                                             |                     |                    |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                                             |                     |                    |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                                             |                     |                    |
|                                                                                                                                                                                   |  |                                               |          |              | Scale: NTS                                                                                                                                                                                                                  | Tolerance: +/-0.25" | Dwg Units: in [mm] |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                                             |                     |                    |



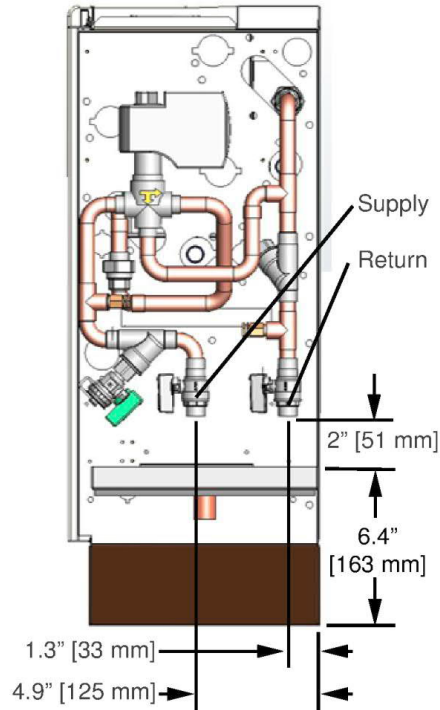
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

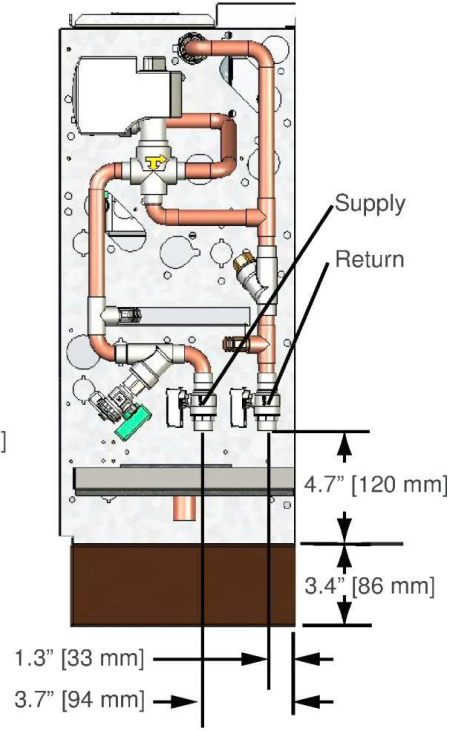
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-02                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC108  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-03            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC108       | 08        | 115/60/1              | 875             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC108      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 08           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |                           |          |                 |
|----------------------------|---------------------------|----------|-----------------|
| Unit                       |                           |          |                 |
| Depth                      | Width                     | Height   | Shipping Weight |
| 10.0 in                    | 62.5 in                   | 25.00 in | 153 lb          |
| Filters                    |                           |          |                 |
| Type                       | (Quantity) Height x Width |          |                 |
| 1" Throwaway MERV 8 Filter | (2) 21.7 in x 8.75 in     |          |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 7.0 A          | 8.8 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                            | 4               | 2.5 ft <sup>2</sup> | 355.7 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 30112              | 21758                        | 80.0            | 67.0                | 57.3                                 | 56.0                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 57.4                         | Water           | 4.5                 | 19.63                                | Left Hand (Front of Face)               |

| Hot Water Reheat Coil                 |                           |                  |                           |                                            |
|---------------------------------------|---------------------------|------------------|---------------------------|--------------------------------------------|
| Physical                              |                           |                  |                           |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                 | Connections                                |
| 12                                    | 1                         | 1                | 1.5 ft²                   | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                           |                                            |
| Total Capacity                        | Temperature               |                  |                           |                                            |
|                                       | Air                       |                  | Fluid                     |                                            |
|                                       | Entering                  | Leaving          | Entering                  | Leaving                                    |
| 15337                                 | 70.0                      | 86.0             | 160.0                     | 108.9                                      |
| Fluid                                 |                           |                  |                           |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling             |                                            |
| Water                                 | 0.6                       | 2.58             | Left Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                           |                                            |
|                                       | Primary Coil              |                  | Secondary Coil            |                                            |
| Coil Pressure Drop:                   | 10.04 ft H <sub>2</sub> O |                  | 1.71 ft H <sub>2</sub> O  |                                            |
| Control Valve Pressure Drop:          | 7.48 ft H <sub>2</sub> O  |                  | 0.83 ft H <sub>2</sub> O  |                                            |
| Circuit Setter Pressure Drop:         | 0.24 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Strainer Pressure Drop:               | 1.55 ft H <sub>2</sub> O  |                  | 0.03 ft H <sub>2</sub> O  |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.32 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O  |                                            |
| Total Water Pressure Drop:            | 19.63 ft H <sub>2</sub> O |                  | 2.58 ft H <sub>2</sub> O  |                                            |
| Supply Fan                            |                           |                  |                           |                                            |
| Fan                                   |                           |                  |                           |                                            |
|                                       |                           |                  |                           |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                  |                                            |
| 6.30 in                               | 6.26 in                   |                  | 2                         |                                            |
|                                       |                           |                  |                           |                                            |
| Motor                                 |                           |                  |                           |                                            |
| Type                                  | Horsepower                |                  | Quantity                  |                                            |
| Field Adjustable ECM                  | (2) 1/4 hp                |                  | 2                         |                                            |
| Primary Valve Package                 |                           |                  |                           |                                            |
| Configuration                         |                           |                  |                           |                                            |
| Coil Control                          |                           |                  |                           |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                   |                                            |
| Proportional, Modulating              | 3-Way                     |                  | 24V                       |                                            |
| Coil Connection                       |                           |                  |                           |                                            |
| Size                                  |                           | Type             |                           |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                           |                                            |
| Valve Shutoff Control                 |                           |                  |                           |                                            |
| Shutoff Pressure                      | Valve                     |                  |                           |                                            |
|                                       | Position                  |                  | CV Value                  |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                       |                                            |
| Valve Piping Package                  |                           |                  |                           |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type           |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                     |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 59                               | 61     | 61     | 61    | 57    | 48    | 42    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



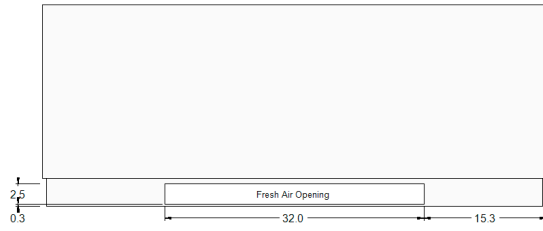
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

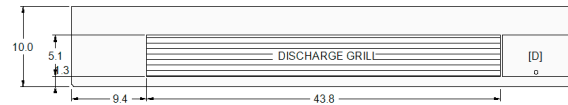
Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

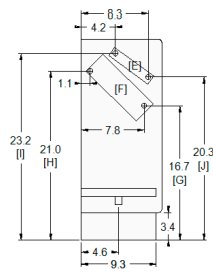
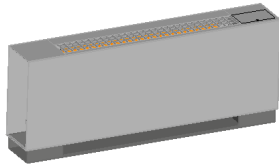
| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



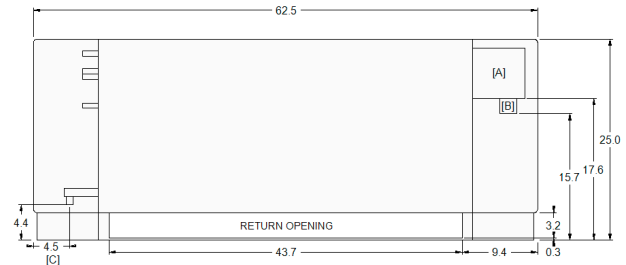
BACK VIEW



TOP VIEW



LEFT VIEW



FRONT VIEW - LEFT HAND UNIT

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

Product Drawing

Unit Tag: FCU 1-03

Sales Office: Harrison Energy Partners

Product:

Project Name: Buckstaff Bathhouse

Sales Engineer:

Model: FCVC108

July 16, 2026

Ver/Rev:

Sheet: 1 of 1

Scale: NTS

Tolerance: +/- 0.25"

Dwg Units: in



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www.DaikinApplied.com Software Version: 13.00

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.



|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve</b><br>Modulates water flow in response to 24V signal.                                                                                  |
|  |  | <b>3-Way Modulating Valve (3-wire or proportional)</b><br>Modulate or bypass water flow in response to 24V signal. Includes fixed orifice for balancing.          |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                        |          |              |                                                                                                                                                                                                  |                     |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VP : VP 007         |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |                     |                    |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |          |              |                                                                                                                                                                                                  |                     |                    |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |          |              |                                                                                                                                                                                                  |                     |                    |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |                     |                    |
|                                                                                                                                                                                   |  |                                        |          |              | Scale: NTS                                                                                                                                                                                       | Tolerance: +/-0.25" | Dwg Units: in [mm] |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |          |              |                                                                                                                                                                                                  |                     |                    |

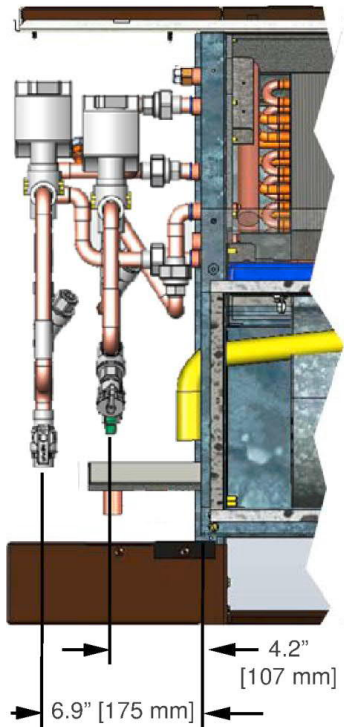


## Connecting Pipe Locations: 4-Pipe, Left Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

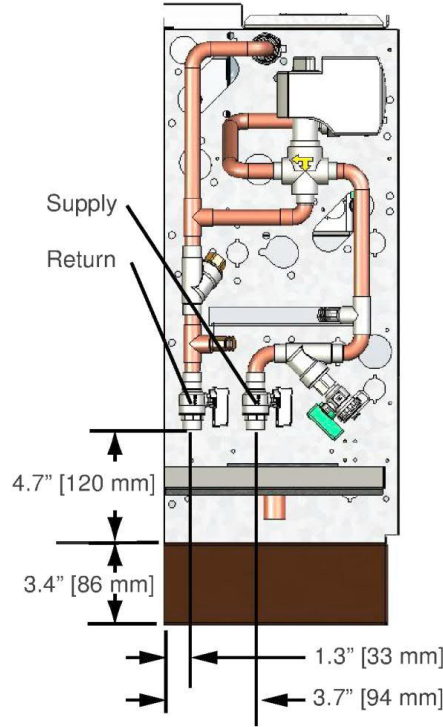
### Front View

Primary and Reheat Coil  
Piping Shown



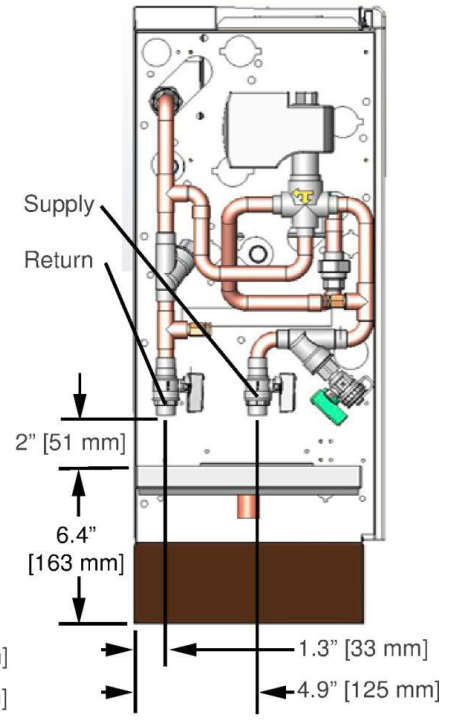
### End View:

Reheat Coil Piping Shown  
Primary Coil Piping Hidden



### End View

Primary Coil Piping Shown  
Reheat Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-03                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC108  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |



| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-04            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC108       | 08        | 115/60/1              | 800             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC108      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 08           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |                           |          |                 |
|----------------------------|---------------------------|----------|-----------------|
| Unit                       |                           |          |                 |
| Depth                      | Width                     | Height   | Shipping Weight |
| 10.0 in                    | 62.5 in                   | 25.00 in | 153 lb          |
| Filters                    |                           |          |                 |
| Type                       | (Quantity) Height x Width |          |                 |
| 1" Throwaway MERV 8 Filter | (2) 21.7 in x 8.75 in     |          |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 7.0 A          | 8.8 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                  | 4               | 2.5 ft <sup>2</sup> | 325.2 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 27598              | 19955              | 80.0            | 67.0                | 57.2                                 | 56.0                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 57.8               | Water           | 4.0                 | 15.74                                | Left Hand (Front of Face)               |

| Hot Water Reheat Coil                 |                           |                  |                           |                                   |
|---------------------------------------|---------------------------|------------------|---------------------------|-----------------------------------|
| Physical                              |                           |                  |                           |                                   |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                 | Connections                       |
| 12                                    | 1                         | 1                | 1.5 ft²                   | 1/2 inch Nominal Sweat (5/8 O.D.) |
| Performance                           |                           |                  |                           |                                   |
| Total Capacity                        | Temperature               |                  |                           |                                   |
|                                       | Air                       |                  | Fluid                     |                                   |
|                                       | Entering                  | Leaving          | Entering                  | Leaving                           |
| 15091                                 | 70.0                      | 87.3             | 160.0                     | 109.7                             |
| Fluid                                 |                           |                  |                           |                                   |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling             |                                   |
| Water                                 | 0.6                       | 2.56             | Left Hand (Front of Face) |                                   |
| Water Pressure Drop Calculation       |                           |                  |                           |                                   |
|                                       | Primary Coil              |                  | Secondary Coil            |                                   |
| Coil Pressure Drop:                   | 8.16 ft H <sub>2</sub> O  |                  | 1.69 ft H <sub>2</sub> O  |                                   |
| Control Valve Pressure Drop:          | 5.91 ft H <sub>2</sub> O  |                  | 0.83 ft H <sub>2</sub> O  |                                   |
| Circuit Setter Pressure Drop:         | 0.19 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O  |                                   |
| Strainer Pressure Drop:               | 1.22 ft H <sub>2</sub> O  |                  | 0.03 ft H <sub>2</sub> O  |                                   |
| Ball Valves Pressure Drop (2, Total): | 0.26 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O  |                                   |
| Total Water Pressure Drop:            | 15.74 ft H <sub>2</sub> O |                  | 2.56 ft H <sub>2</sub> O  |                                   |
| Supply Fan                            |                           |                  |                           |                                   |
| Fan                                   |                           |                  |                           |                                   |
|                                       |                           |                  |                           |                                   |
| Fan Height                            | Fan Width                 |                  | Quantity                  |                                   |
| 6.30 in                               | 6.26 in                   |                  | 2                         |                                   |
|                                       |                           |                  |                           |                                   |
| Motor                                 |                           |                  |                           |                                   |
| Type                                  | Horsepower                |                  | Quantity                  |                                   |
| Field Adjustable ECM                  | (2) 1/4 hp                |                  | 2                         |                                   |
| Primary Valve Package                 |                           |                  |                           |                                   |
| Configuration                         |                           |                  |                           |                                   |
| Coil Control                          |                           |                  |                           |                                   |
| Flow Control                          | Valve Body Type           |                  | Voltage                   |                                   |
| Proportional, Modulating              | 3-Way                     |                  | 24V                       |                                   |
| Coil Connection                       |                           |                  |                           |                                   |
| Size                                  |                           | Type             |                           |                                   |
| 5/8" Connection                       |                           | Sweat Connection |                           |                                   |
| Valve Shutoff Control                 |                           |                  |                           |                                   |
| Shutoff Pressure                      | Valve                     |                  |                           |                                   |
|                                       | Position                  |                  | CV Value                  |                                   |
| High Close Off                        | Normally Closed           |                  | 2.5                       |                                   |
| Valve Piping Package                  |                           |                  |                           |                                   |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type           |                                   |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                     |                                   |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 58                               | 60     | 60     | 60    | 56    | 47    | 41    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



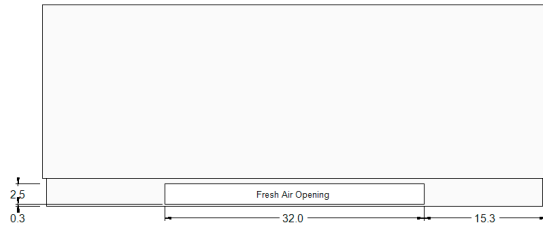
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

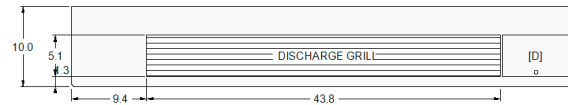
Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

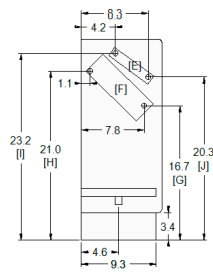
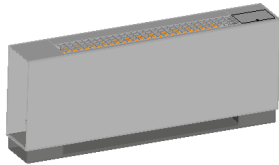
| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



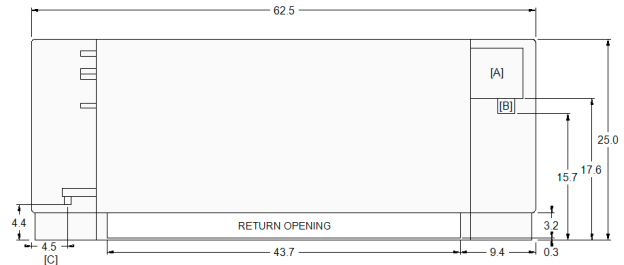
BACK VIEW



TOP VIEW



LEFT VIEW



FRONT VIEW - LEFT HAND UNIT

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [J] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 1-04                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC108                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve</b><br>Modulates water flow in response to 24V signal.                                                                                  |
|  |  | <b>3-Way Modulating Valve (3-wire or proportional)</b><br>Modulate or bypass water flow in response to 24V signal. Includes fixed orifice for balancing.          |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

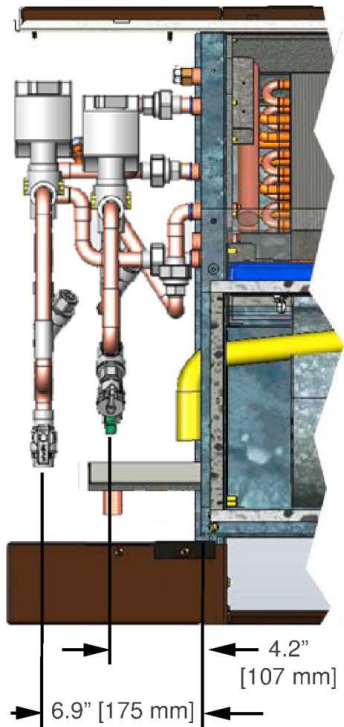
|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                                                        |                     |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VP : VP 007                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br><a href="http://www.DaikinApplied.com">www.DaikinApplied.com</a> Software Version: 05.00 |                     |                    |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                                                        |                     |                    |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                                                        |                     |                    |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                                                        |                     |                    |
|                                                                                                                                                                                   |  |                                               |          |              | Scale: NTS                                                                                                                                                                                                                             | Tolerance: +/-0.25" | Dwg Units: in [mm] |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                                                        |                     |                    |

## Connecting Pipe Locations: 4-Pipe, Left Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

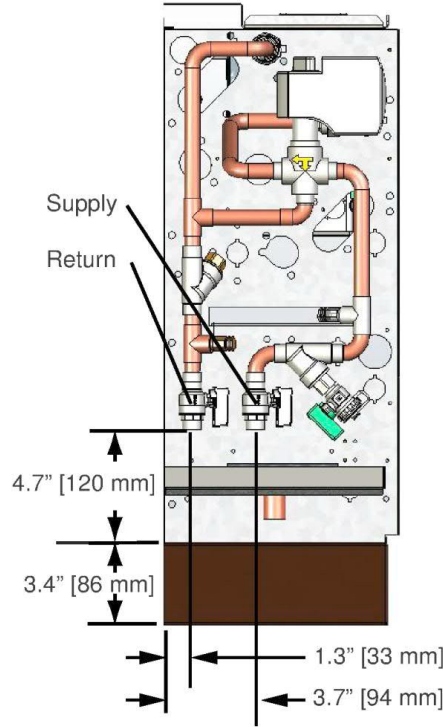
### Front View

Primary and Reheat Coil  
Piping Shown



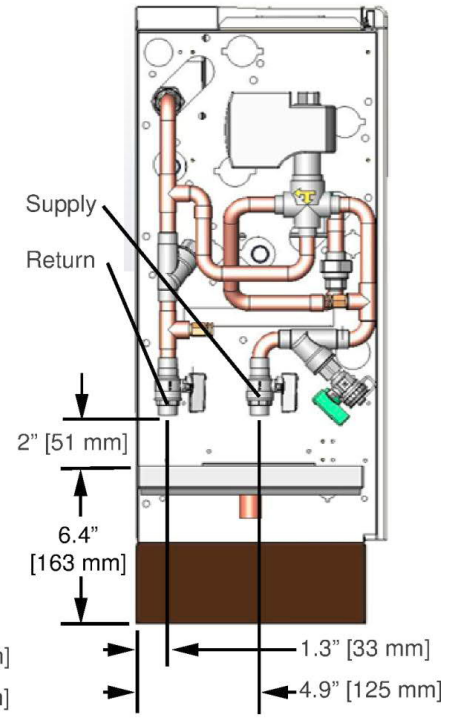
### End View:

Reheat Coil Piping Shown  
Primary Coil Piping Hidden



### End View

Primary Coil Piping Shown  
Reheat Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-04                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC108  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-05            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC102       | 02        | 115/60/1              | 160             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC102      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 02           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 35.0 in | 25.00 in                  | 83 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 16 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                  |                                      |                                         |
|--------------------|--------------------|-----------------|------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                  |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area        | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 0.7 ft²          | 216.2 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                  |                                      |                                         |
| Capacity           |                    | Air Temperature |                  |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                  | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F   | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 5191               | 3921               | 80.0            | 67.0             | 57.6                                 | 56.7                                    |
| Fluid              |                    |                 |                  |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                  |                                      |                                         |
| 44.0               | 54.4               | Water           | 1.0              | 2.78                                 | Left Hand (Front of Face)               |



| Hot Water Reheat Coil                 |                          |                  |                           |                                            |
|---------------------------------------|--------------------------|------------------|---------------------------|--------------------------------------------|
| Physical                              |                          |                  |                           |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                 | Connections                                |
| 12                                    | 1                        | 1                | 0.6 ft²                   | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                           |                                            |
| Total Capacity                        | Temperature              |                  |                           |                                            |
|                                       | Air                      |                  | Fluid                     |                                            |
|                                       | Entering                 | Leaving          | Entering                  | Leaving                                    |
| 3688                                  | 70.0                     | 91.1             | 160.0                     | 123.1                                      |
| Fluid                                 |                          |                  |                           |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling             |                                            |
| Water                                 | 0.2                      | 0.22             | Left Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                           |                                            |
|                                       | Primary Coil             |                  | Secondary Coil            |                                            |
| Coil Pressure Drop:                   | 0.36 ft H <sub>2</sub> O |                  | 0.12 ft H <sub>2</sub> O  |                                            |
| Control Valve Pressure Drop:          | 2.31 ft H <sub>2</sub> O |                  | 0.09 ft H <sub>2</sub> O  |                                            |
| Circuit Setter Pressure Drop:         | 0.01 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Strainer Pressure Drop:               | 0.08 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.02 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Total Water Pressure Drop:            | 2.78 ft H <sub>2</sub> O |                  | 0.22 ft H <sub>2</sub> O  |                                            |
| Supply Fan                            |                          |                  |                           |                                            |
| Fan                                   |                          |                  |                           |                                            |
|                                       |                          |                  |                           |                                            |
| Fan Height                            | Fan Width                |                  | Quantity                  |                                            |
| 6.30 in                               | 6.26 in                  |                  | 1                         |                                            |
|                                       |                          |                  |                           |                                            |
| Motor                                 |                          |                  |                           |                                            |
| Type                                  | Horsepower               |                  | Quantity                  |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                         |                                            |
| Primary Valve Package                 |                          |                  |                           |                                            |
| Configuration                         |                          |                  |                           |                                            |
| Coil Control                          |                          |                  |                           |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                   |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                       |                                            |
| Coil Connection                       |                          |                  |                           |                                            |
| Size                                  |                          | Type             |                           |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                           |                                            |
| Valve Shutoff Control                 |                          |                  |                           |                                            |
| Shutoff Pressure                      | Valve                    |                  |                           |                                            |
|                                       | Position                 |                  | CV Value                  |                                            |
| High Close Off                        | Normally Closed          |                  | 1.0                       |                                            |
| Valve Piping Package                  |                          |                  |                           |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type           |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                     |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 49                               | 52     | 51     | 51    | 48    | 42    | 36    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



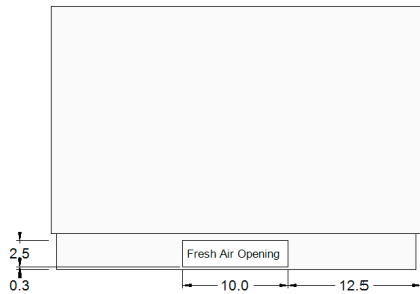
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

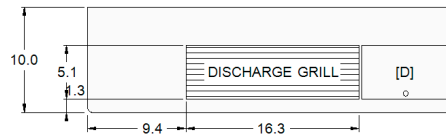
Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

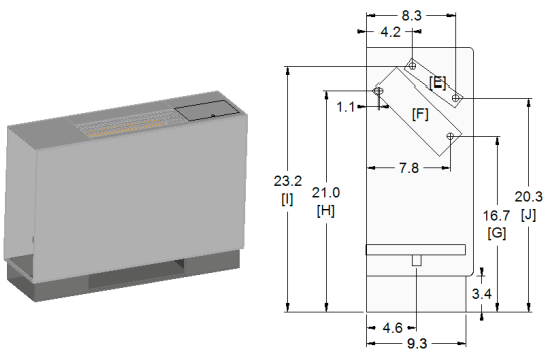
| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



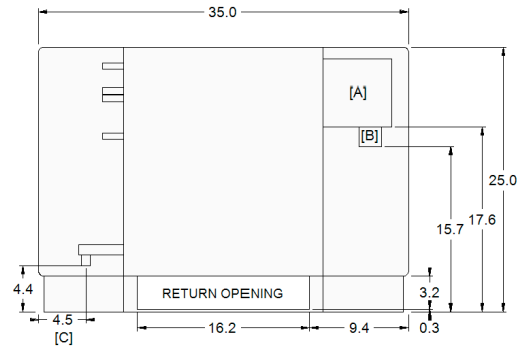
BACK VIEW



TOP VIEW



LEFT VIEW



FRONT VIEW - LEFT HAND UNIT

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 1-05                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC102                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

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|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

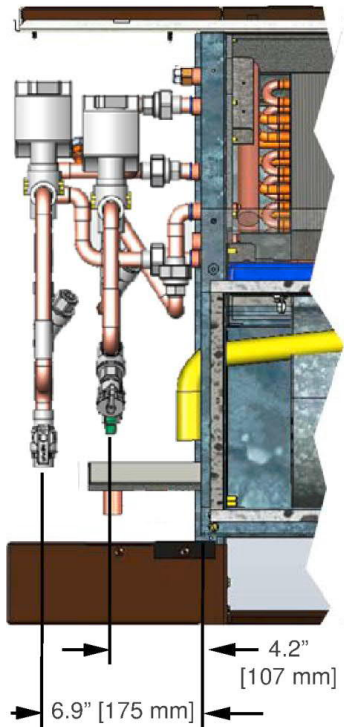
|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

## Connecting Pipe Locations: 4-Pipe, Left Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

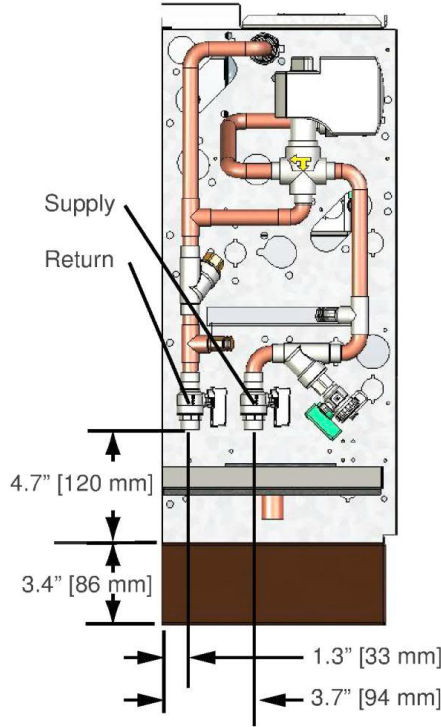
### Front View

Primary and Reheat Coil  
Piping Shown



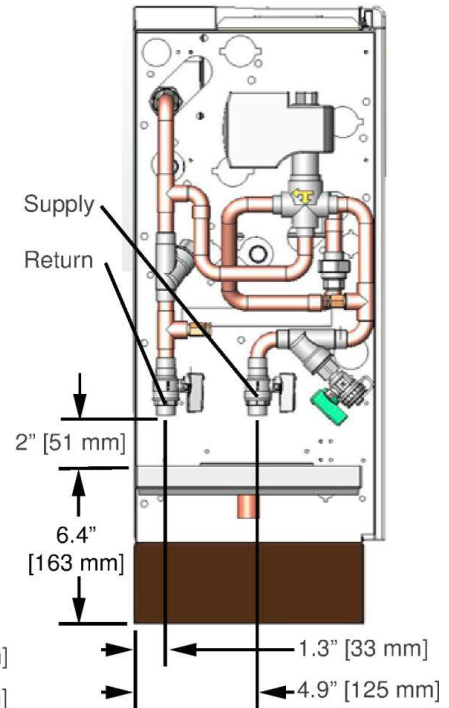
### End View:

Reheat Coil Piping Shown  
Primary Coil Piping Hidden



### End View

Primary Coil Piping Shown  
Reheat Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-05                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC102  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-06            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC103       | 03        | 115/60/1              | 200             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC103      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 03           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 40.5 in | 25.00 in                  | 94 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 21.5 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                            | 4               | 1.1 ft <sup>2</sup> | 185.2 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 7260               | 5240                         | 80.0            | 67.0                | 56.0                                 | 55.4                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 51.3                         | Water           | 2.0                 | 3.25                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                            |
|---------------------------------------|--------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                          |                  |                            |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                        | 1                | 0.6 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                            |                                            |
| Total Capacity                        | Temperature              |                  |                            |                                            |
|                                       | Air                      |                  | Fluid                      |                                            |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                                    |
| 5751                                  | 70.0                     | 96.3             | 160.0                      | 121.7                                      |
| Fluid                                 |                          |                  |                            |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.3                      | 0.51             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                            |                                            |
|                                       | Primary Coil             |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 1.35 ft H <sub>2</sub> O |                  | 0.29 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 1.48 ft H <sub>2</sub> O |                  | 0.21 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.05 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 0.31 ft H <sub>2</sub> O |                  | 0.01 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.06 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 3.25 ft H <sub>2</sub> O |                  | 0.51 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                          |                  |                            |                                            |
| Fan                                   |                          |                  |                            |                                            |
| Fan Height                            |                          | Fan Width        | Quantity                   |                                            |
| 6.30 in                               |                          | 7.95 in          | 1                          |                                            |
| Motor                                 |                          |                  |                            |                                            |
| Type                                  | Horsepower               |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                            |
| Primary Valve Package                 |                          |                  |                            |                                            |
| Configuration                         |                          |                  |                            |                                            |
| Coil Control                          |                          |                  |                            |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                            |
| Coil Connection                       |                          |                  |                            |                                            |
| Size                                  |                          | Type             |                            |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                          |                  |                            |                                            |
| Shutoff Pressure                      | Valve                    |                  | CV Value                   |                                            |
|                                       | Position                 |                  |                            |                                            |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                            |
| Valve Piping Package                  |                          |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 48                               | 49     | 50     | 49    | 45    | 37    | 32    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

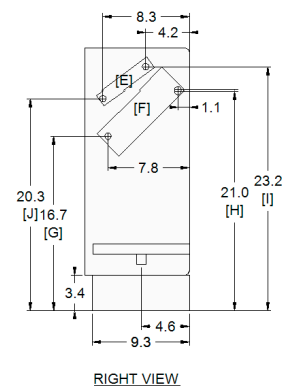
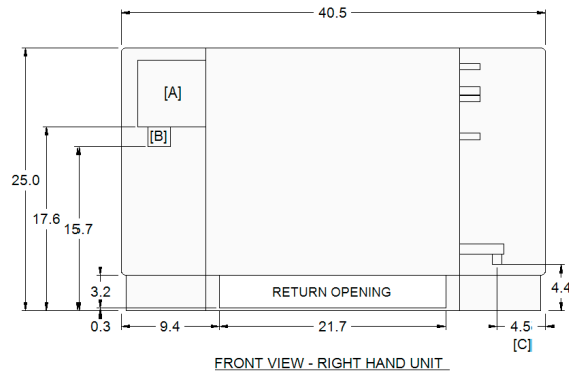
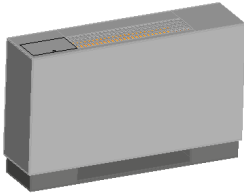
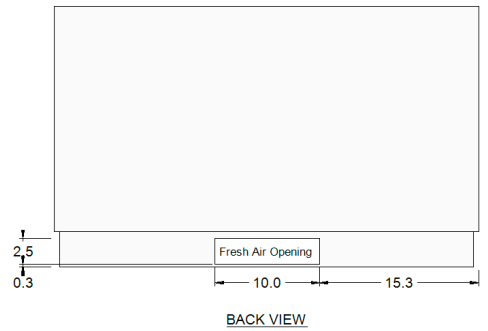
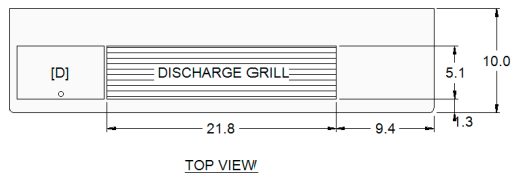
Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.

Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |





| NOTES                                 |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |  |                                   |          |                                        |                                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|----------|----------------------------------------|--------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1-06                |          | Sales Office: Harrison Energy Partners |                                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse |          | Sales Engineer:                        |                                      |               |                                                                                                                                                                                                  |
| Model: FCVC103                                                                                                                                                                    |  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1                          | Scale: NTS      Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                   |          |                                        |                                      |               |                                                                                                                                                                                                  |

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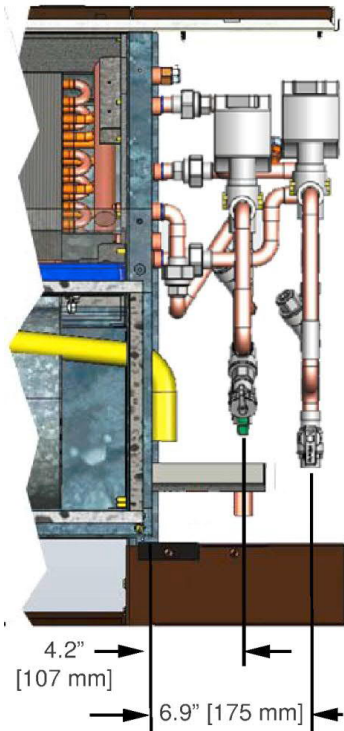
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
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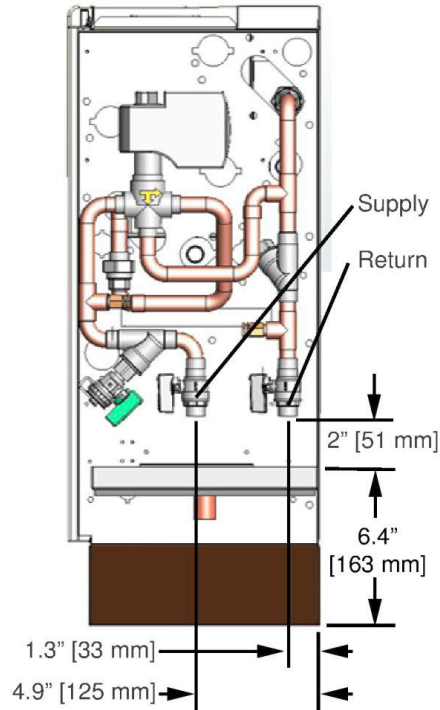
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

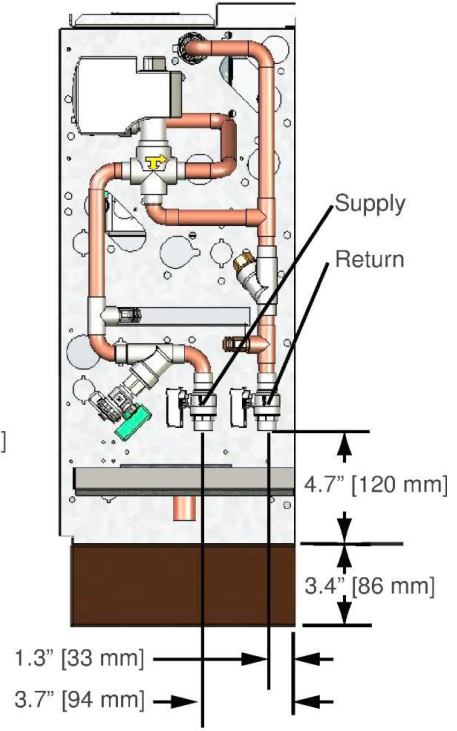
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-06                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC103  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-07            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC103       | 03        | 115/60/1              | 280             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC103      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 03           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 40.5 in | 25.00 in                  | 94 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 21.5 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                  | 4               | 1.1 ft <sup>2</sup> | 259.3 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 11029              | 7542               | 80.0            | 67.0                | 55.4                                 | 54.2                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 52.8               | Water           | 2.5                 | 5.38                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                            |
|---------------------------------------|--------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                          |                  |                            |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                        | 1                | 0.6 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                            |                                            |
| Total Capacity                        | Temperature              |                  |                            |                                            |
|                                       | Air                      |                  | Fluid                      |                                            |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                                    |
| 7163                                  | 70.0                     | 93.4             | 160.0                      | 124.2                                      |
| Fluid                                 |                          |                  |                            |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.4                      | 0.87             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                            |                                            |
|                                       | Primary Coil             |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 2.42 ft H <sub>2</sub> O |                  | 0.49 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 2.31 ft H <sub>2</sub> O |                  | 0.37 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.07 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 0.48 ft H <sub>2</sub> O |                  | 0.01 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.10 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 5.38 ft H <sub>2</sub> O |                  | 0.87 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                          |                  |                            |                                            |
| Fan                                   |                          |                  |                            |                                            |
|                                       |                          |                  |                            |                                            |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                            |
| 6.30 in                               | 7.95 in                  |                  | 1                          |                                            |
|                                       |                          |                  |                            |                                            |
| Motor                                 |                          |                  |                            |                                            |
| Type                                  | Horsepower               |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                            |
| Primary Valve Package                 |                          |                  |                            |                                            |
| Configuration                         |                          |                  |                            |                                            |
| Coil Control                          |                          |                  |                            |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                            |
| Coil Connection                       |                          |                  |                            |                                            |
| Size                                  |                          | Type             |                            |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                          |                  |                            |                                            |
| Shutoff Pressure                      | Valve                    |                  |                            |                                            |
|                                       | Position                 |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                            |
| Valve Piping Package                  |                          |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 51                               | 52     | 53     | 52    | 48    | 40    | 35    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

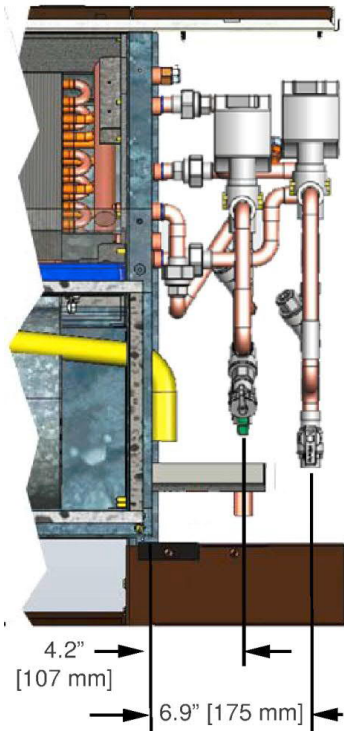
|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |



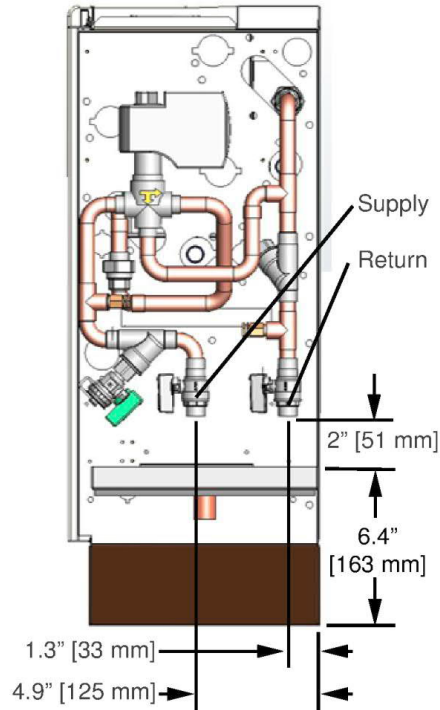
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

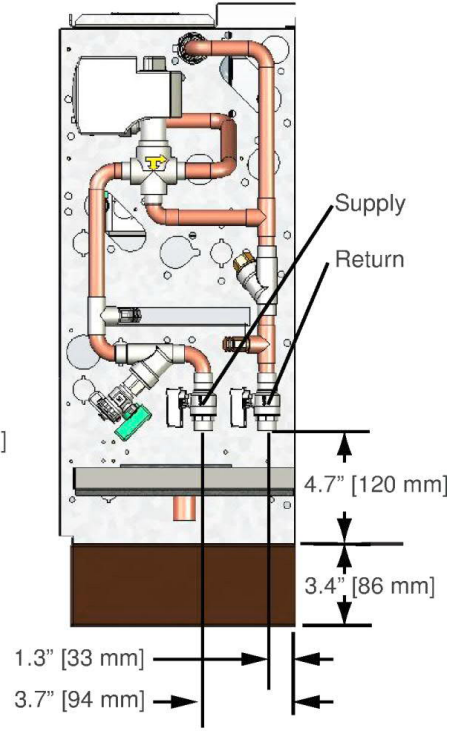
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-07                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC103  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-08            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC104       | 04        | 115/60/1              | 300             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC104      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 04           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 46.0 in | 25.00 in                  | 108 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 27 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                  | 4               | 1.4 ft <sup>2</sup> | 209.8 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 11353              | 8200               | 80.0            | 67.0                | 55.0                                 | 54.8                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 55.4               | Water           | 2.0                 | 3.74                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                            |
|---------------------------------------|--------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                          |                  |                            |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                        | 1                | 0.8 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                            |                                            |
| Total Capacity                        | Temperature              |                  |                            |                                            |
|                                       | Air                      |                  | Fluid                      |                                            |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                                    |
| 5512                                  | 70.0                     | 86.8             | 160.0                      | 104.9                                      |
| Fluid                                 |                          |                  |                            |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.2                      | 0.27             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                            |                                            |
|                                       | Primary Coil             |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 1.84 ft H <sub>2</sub> O |                  | 0.18 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 1.48 ft H <sub>2</sub> O |                  | 0.09 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.05 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 0.31 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.06 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 3.74 ft H <sub>2</sub> O |                  | 0.27 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                          |                  |                            |                                            |
| Fan                                   |                          |                  |                            |                                            |
|                                       |                          |                  |                            |                                            |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                            |
| 6.30 in                               | 6.26 in                  |                  | 2                          |                                            |
|                                       |                          |                  |                            |                                            |
| Motor                                 |                          |                  |                            |                                            |
| Type                                  | Horsepower               |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                            |
| Primary Valve Package                 |                          |                  |                            |                                            |
| Configuration                         |                          |                  |                            |                                            |
| Coil Control                          |                          |                  |                            |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                            |
| Coil Connection                       |                          |                  |                            |                                            |
| Size                                  |                          | Type             |                            |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                          |                  |                            |                                            |
| Shutoff Pressure                      | Valve                    |                  |                            |                                            |
|                                       | Position                 |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                            |
| Valve Piping Package                  |                          |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 52                               | 53     | 50     | 48    | 43    | 34    | 32    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Leveling Legs:                  | Leveling Legs              |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.

Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

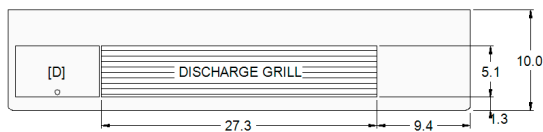
### Optional

Part Number

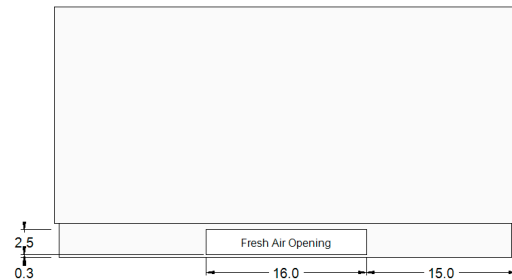
Description

250803500

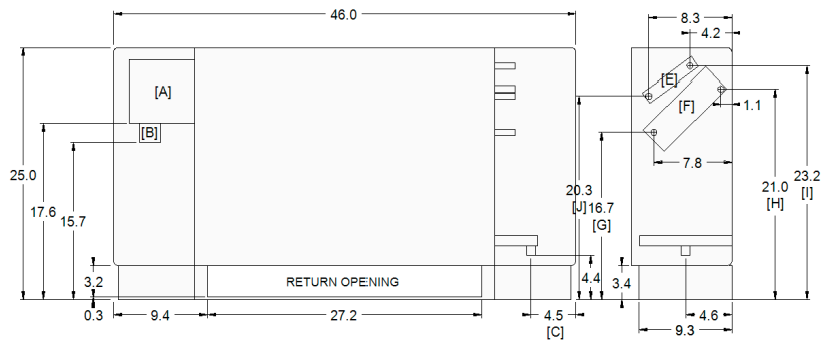
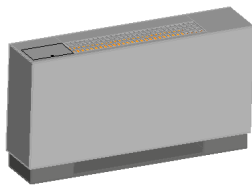
BACnet t-stat MIT-FA-005 (Low Voltage only)



TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                        |                                          |                                               |                                                   |
|------------------------|------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| <b>Product Drawing</b> | <b>Unit Tag: FCU 1-08</b>                | <b>Sales Office: Harrison Energy Partners</b> | <b>DAIKIN</b>                                     |
| <b>Product:</b>        | <b>Project Name: Buckstaff Bathhouse</b> | <b>Sales Engineer:</b>                        | 13600 Industrial Park Blvd. Minneapolis, MN 55441 |
| <b>Model: FCVC104</b>  | July 16, 2026                            | Ver/Rev:                                      | www.DaikinApplied.com                             |
|                        | Sheet: 1 of 1                            | Scale: NTS                                    | Software Version: 13.00                           |
|                        |                                          | Tolerance: +/- 0.25"                          |                                                   |
|                        |                                          | Dwg Units: in                                 |                                                   |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

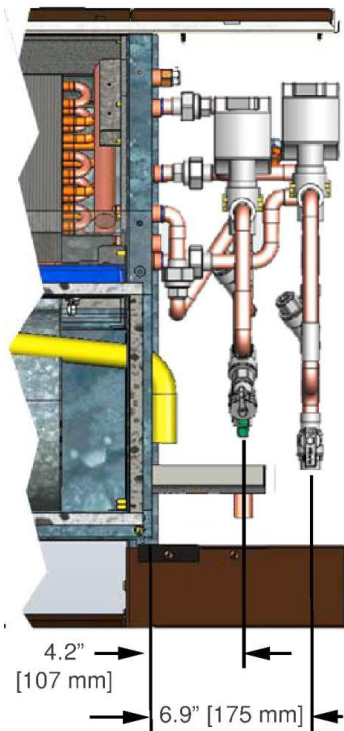
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

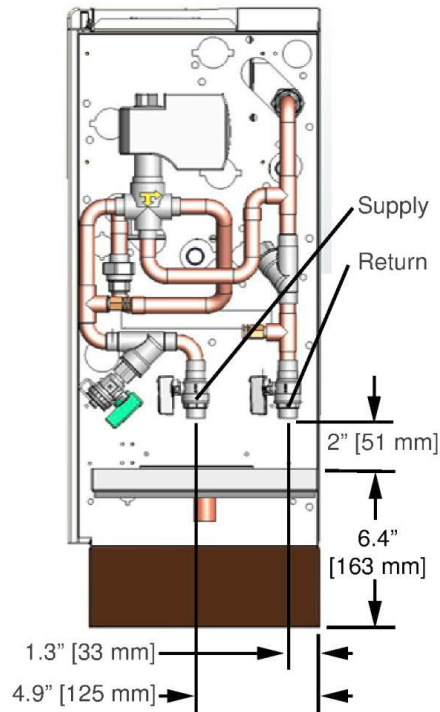
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

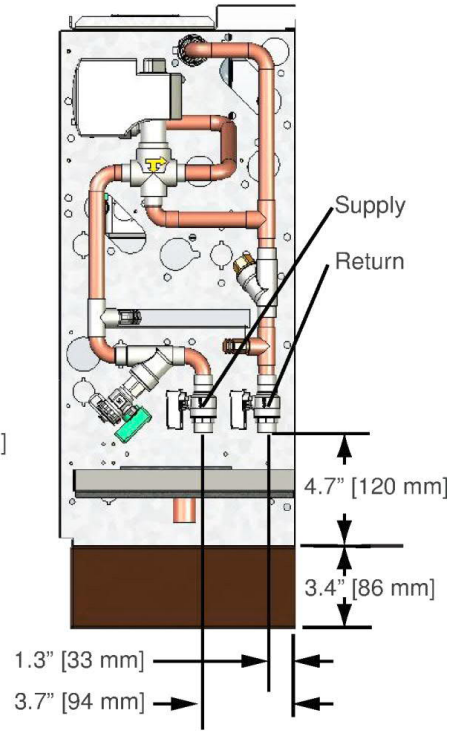
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-08                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC104  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |



| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-09            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC103       | 03        | 115/60/1              | 265             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC103      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 03           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 40.5 in | 25.00 in                  | 94 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 21.5 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                            | 4               | 1.1 ft <sup>2</sup> | 245.4 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 9140               | 6700                         | 80.0            | 67.0                | 56.9                                 | 56.0                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 51.3                         | Water           | 2.5                 | 4.93                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                   |
|---------------------------------------|--------------------------|------------------|----------------------------|-----------------------------------|
| Physical                              |                          |                  |                            |                                   |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                       |
| 12                                    | 1                        | 1                | 0.6 ft²                    | 1/2 inch Nominal Sweat (5/8 O.D.) |
| Performance                           |                          |                  |                            |                                   |
| Total Capacity                        | Temperature              |                  |                            |                                   |
|                                       | Air                      |                  | Fluid                      |                                   |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                           |
| 4749                                  | 70.0                     | 86.4             | 160.0                      | 112.5                             |
| Fluid                                 |                          |                  |                            |                                   |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                   |
| Water                                 | 0.2                      | 0.25             | Right Hand (Front of Face) |                                   |
| Water Pressure Drop Calculation       |                          |                  |                            |                                   |
|                                       | Primary Coil             |                  | Secondary Coil             |                                   |
| Coil Pressure Drop:                   | 1.97 ft H <sub>2</sub> O |                  | 0.15 ft H <sub>2</sub> O   |                                   |
| Control Valve Pressure Drop:          | 2.31 ft H <sub>2</sub> O |                  | 0.09 ft H <sub>2</sub> O   |                                   |
| Circuit Setter Pressure Drop:         | 0.07 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Strainer Pressure Drop:               | 0.48 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Ball Valves Pressure Drop (2, Total): | 0.10 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Total Water Pressure Drop:            | 4.93 ft H <sub>2</sub> O |                  | 0.25 ft H <sub>2</sub> O   |                                   |
| Supply Fan                            |                          |                  |                            |                                   |
| Fan                                   |                          |                  |                            |                                   |
|                                       |                          |                  |                            |                                   |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                   |
| 6.30 in                               | 7.95 in                  |                  | 1                          |                                   |
|                                       |                          |                  |                            |                                   |
| Motor                                 |                          |                  |                            |                                   |
| Type                                  | Horsepower               |                  | Quantity                   |                                   |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                   |
| Primary Valve Package                 |                          |                  |                            |                                   |
| Configuration                         |                          |                  |                            |                                   |
| Coil Control                          |                          |                  |                            |                                   |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                   |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                   |
| Coil Connection                       |                          |                  |                            |                                   |
| Size                                  |                          | Type             |                            |                                   |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                   |
| Valve Shutoff Control                 |                          |                  |                            |                                   |
| Shutoff Pressure                      | Valve                    |                  |                            |                                   |
|                                       | Position                 |                  | CV Value                   |                                   |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                   |
| Valve Piping Package                  |                          |                  |                            |                                   |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                   |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                   |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 50                               | 51     | 52     | 51    | 47    | 39    | 34    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



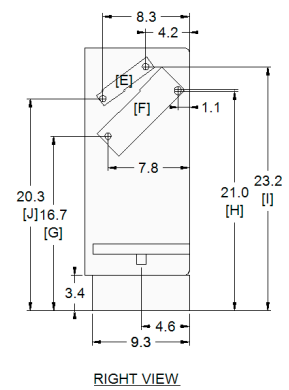
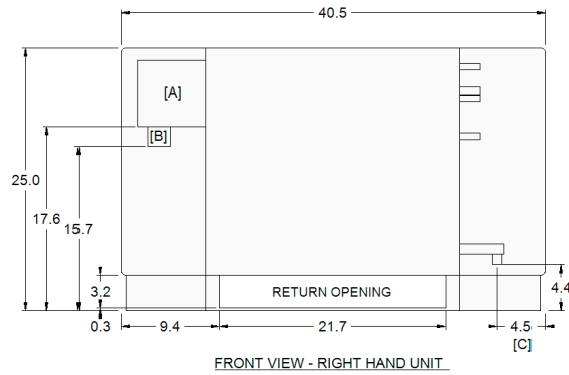
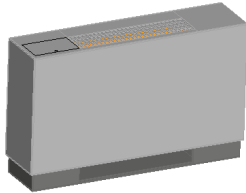
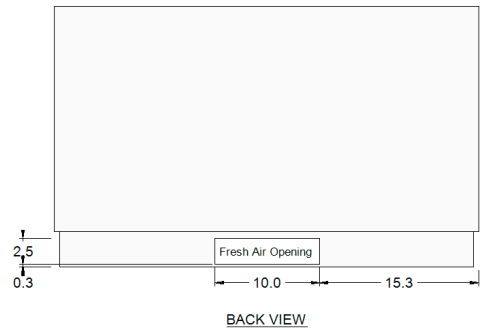
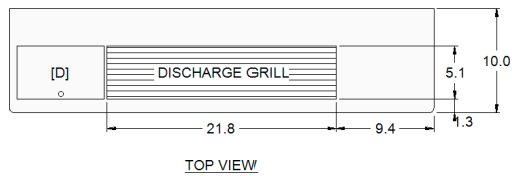
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



| NOTES                                 |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 1-09                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC103                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

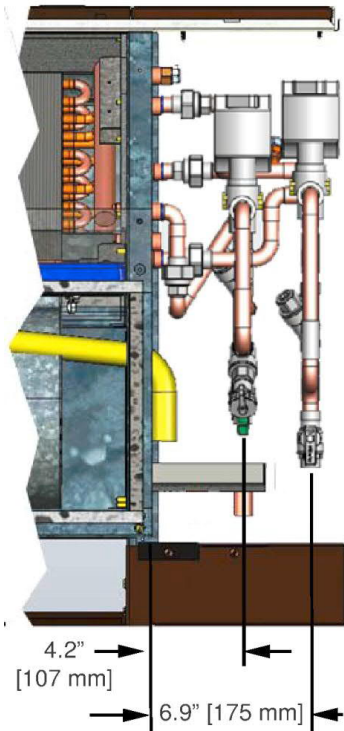
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
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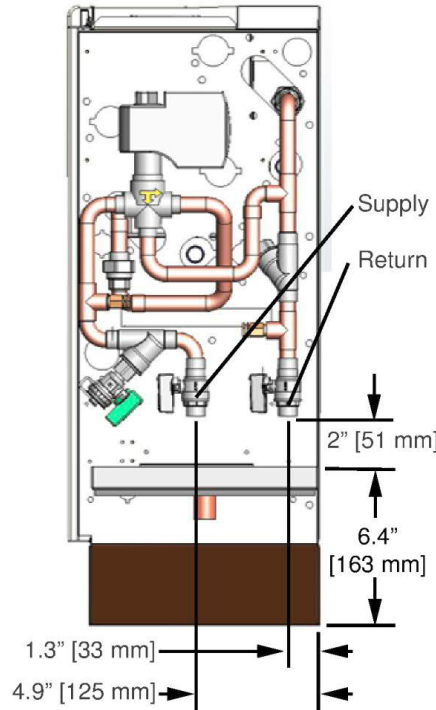
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

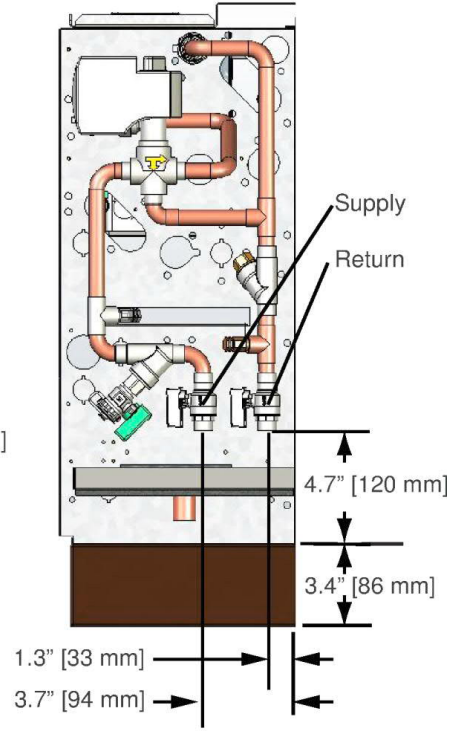
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-09                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC103  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-10            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC103       | 03        | 115/60/1              | 185             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC103      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 03           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 40.5 in | 25.00 in                  | 94 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 21.5 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 1.1 ft <sup>2</sup> | 171.3 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 6998               | 4973               | 80.0            | 67.0                | 55.4                                 | 54.8                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 51.0               | Water           | 2.0                 | 3.25                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                            |
|---------------------------------------|--------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                          |                  |                            |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                        | 1                | 0.6 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                            |                                            |
| Total Capacity                        | Temperature              |                  |                            |                                            |
|                                       | Air                      |                  | Fluid                      |                                            |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                                    |
| 2740                                  | 70.0                     | 83.5             | 160.0                      | 105.2                                      |
| Fluid                                 |                          |                  |                            |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.1                      | 0.12             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                            |                                            |
|                                       | Primary Coil             |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 1.35 ft H <sub>2</sub> O |                  | 0.10 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 1.48 ft H <sub>2</sub> O |                  | 0.02 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.05 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 0.31 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.06 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 3.25 ft H <sub>2</sub> O |                  | 0.12 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                          |                  |                            |                                            |
| Fan                                   |                          |                  |                            |                                            |
|                                       |                          |                  |                            |                                            |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                            |
| 6.30 in                               | 7.95 in                  |                  | 1                          |                                            |
|                                       |                          |                  |                            |                                            |
| Motor                                 |                          |                  |                            |                                            |
| Type                                  | Horsepower               |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                            |
| Primary Valve Package                 |                          |                  |                            |                                            |
| Configuration                         |                          |                  |                            |                                            |
| Coil Control                          |                          |                  |                            |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                            |
| Coil Connection                       |                          |                  |                            |                                            |
| Size                                  |                          | Type             |                            |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                          |                  |                            |                                            |
| Shutoff Pressure                      | Valve                    |                  |                            |                                            |
|                                       | Position                 |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                            |
| Valve Piping Package                  |                          |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                            |



## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 48                               | 49     | 50     | 49    | 45    | 37    | 32    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



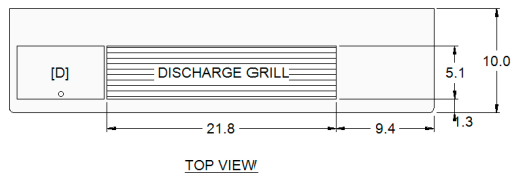
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

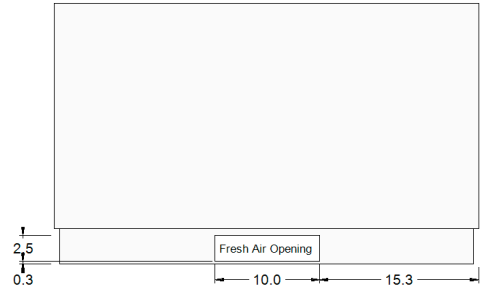
Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

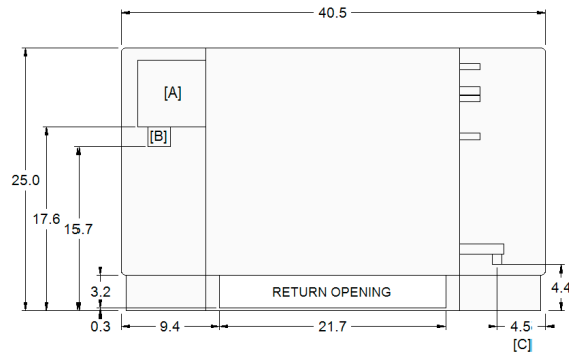
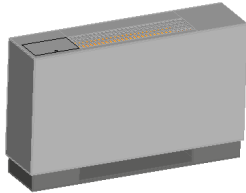
| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



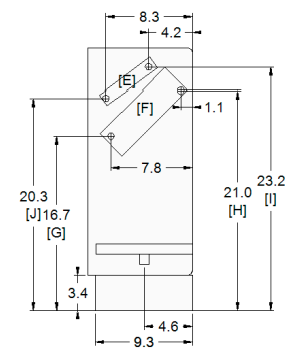
TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT



RIGHT VIEW

| NOTES                                 |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 1-10                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC103                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

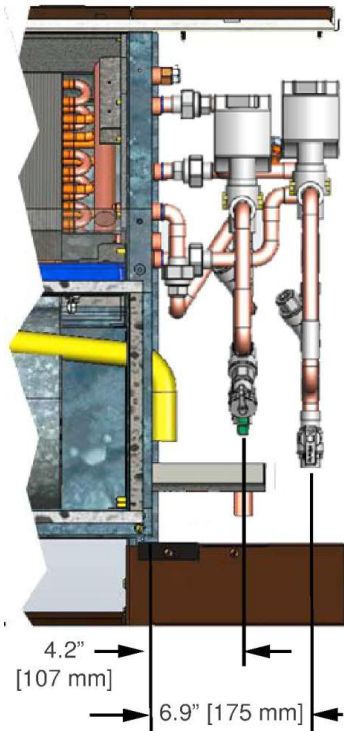
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

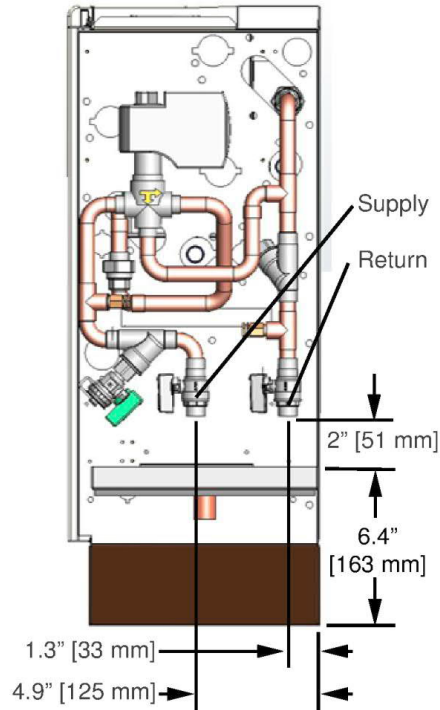
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

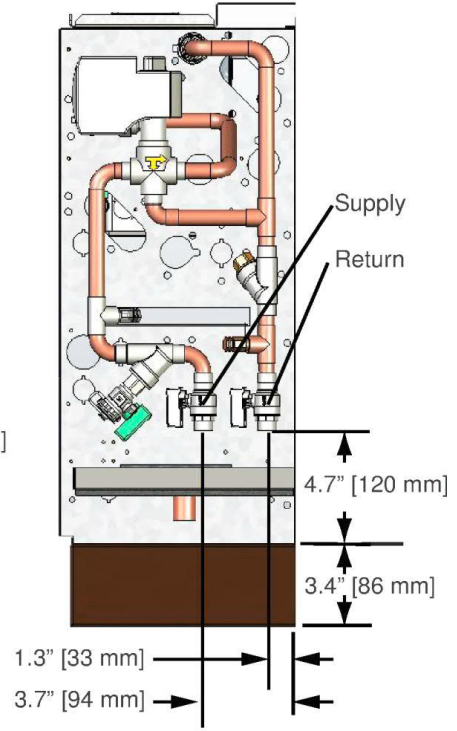
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-10                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC103  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-11            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC104       | 04        | 115/60/1              | 300             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC104      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 04           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 46.0 in | 25.00 in                  | 108 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 27 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 1.4 ft <sup>2</sup> | 209.8 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 10877              | 8012               | 80.0            | 67.0                | 55.6                                 | 55.4                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 52.7               | Water           | 2.5                 | 5.16                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                            |
|---------------------------------------|--------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                          |                  |                            |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                        | 1                | 0.8 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                            |                                            |
| Total Capacity                        | Temperature              |                  |                            |                                            |
|                                       | Air                      |                  | Fluid                      |                                            |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                                    |
| 5512                                  | 70.0                     | 86.8             | 160.0                      | 104.9                                      |
| Fluid                                 |                          |                  |                            |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.2                      | 0.27             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                            |                                            |
|                                       | Primary Coil             |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 2.20 ft H <sub>2</sub> O |                  | 0.18 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 2.31 ft H <sub>2</sub> O |                  | 0.09 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.07 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 0.48 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.10 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 5.16 ft H <sub>2</sub> O |                  | 0.27 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                          |                  |                            |                                            |
| Fan                                   |                          |                  |                            |                                            |
|                                       |                          |                  |                            |                                            |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                            |
| 6.30 in                               | 6.26 in                  |                  | 2                          |                                            |
|                                       |                          |                  |                            |                                            |
| Motor                                 |                          |                  |                            |                                            |
| Type                                  | Horsepower               |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                            |
| Primary Valve Package                 |                          |                  |                            |                                            |
| Configuration                         |                          |                  |                            |                                            |
| Coil Control                          |                          |                  |                            |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                            |
| Coil Connection                       |                          |                  |                            |                                            |
| Size                                  |                          | Type             |                            |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                          |                  |                            |                                            |
| Shutoff Pressure                      | Valve                    |                  |                            |                                            |
|                                       | Position                 |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                            |
| Valve Piping Package                  |                          |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 52                               | 53     | 50     | 48    | 43    | 34    | 32    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Leveling Legs:                  | Leveling Legs              |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.

Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

### Optional

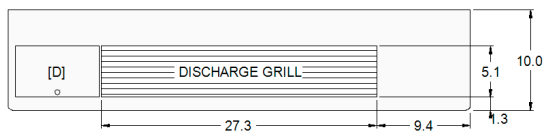
Part Number

Description

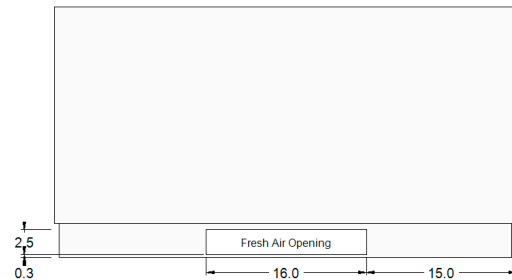
250803500

BACnet t-stat MIT-FA-005 (Low Voltage only)

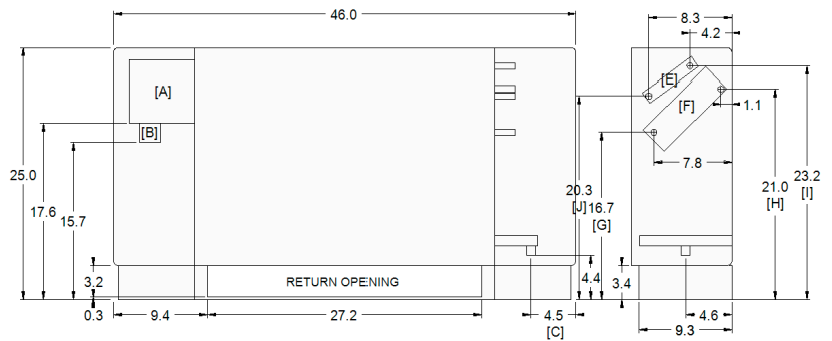
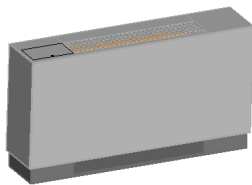




TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                        |                                          |                                               |                                                   |
|------------------------|------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| <b>Product Drawing</b> | <b>Unit Tag: FCU 1-11</b>                | <b>Sales Office: Harrison Energy Partners</b> | <b>DAIKIN</b>                                     |
| <b>Product:</b>        | <b>Project Name: Buckstaff Bathhouse</b> | <b>Sales Engineer:</b>                        | 13600 Industrial Park Blvd. Minneapolis, MN 55441 |
| <b>Model: FCVC104</b>  | July 16, 2026                            | Ver/Rev:                                      | www.DaikinApplied.com                             |
|                        | Sheet: 1 of 1                            | Scale: NTS                                    | Software Version: 13.00                           |
|                        |                                          | Tolerance: +/- 0.25"                          |                                                   |
|                        |                                          | Dwg Units: in                                 |                                                   |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

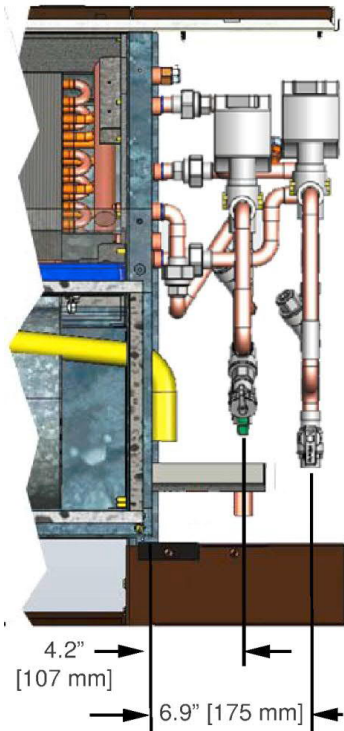
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

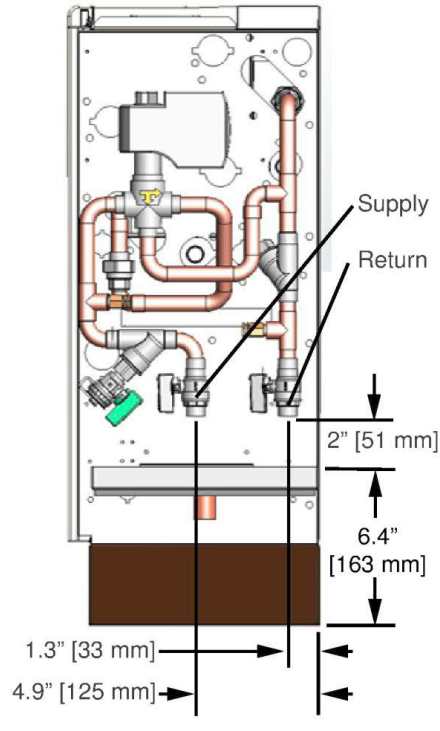
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

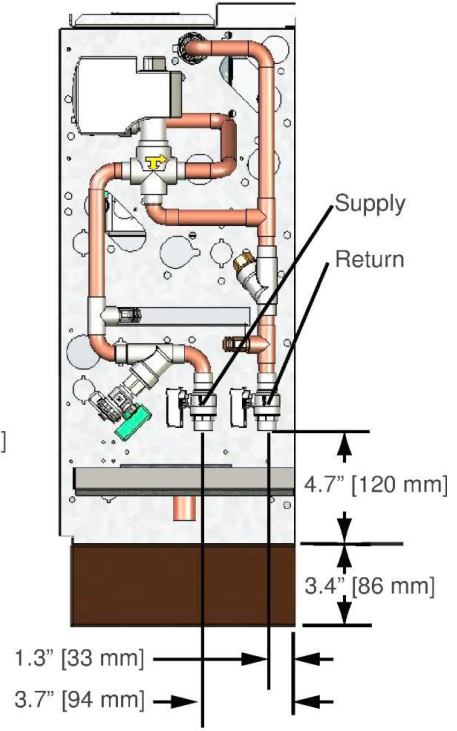
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-11                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC104  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-12            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC103       | 03        | 115/60/1              | 185             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC103      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 03           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 40.5 in | 25.00 in                  | 94 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 21.5 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 1.1 ft <sup>2</sup> | 171.3 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 6998               | 4973               | 80.0            | 67.0                | 55.4                                 | 54.8                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 51.0               | Water           | 2.0                 | 3.25                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                            |
|---------------------------------------|--------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                          |                  |                            |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                        | 1                | 0.6 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                            |                                            |
| Total Capacity                        | Temperature              |                  |                            |                                            |
|                                       | Air                      |                  | Fluid                      |                                            |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                                    |
| 2740                                  | 70.0                     | 83.5             | 160.0                      | 105.2                                      |
| Fluid                                 |                          |                  |                            |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.1                      | 0.12             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                            |                                            |
|                                       | Primary Coil             |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 1.35 ft H <sub>2</sub> O |                  | 0.10 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 1.48 ft H <sub>2</sub> O |                  | 0.02 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.05 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 0.31 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.06 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 3.25 ft H <sub>2</sub> O |                  | 0.12 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                          |                  |                            |                                            |
| Fan                                   |                          |                  |                            |                                            |
|                                       |                          |                  |                            |                                            |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                            |
| 6.30 in                               | 7.95 in                  |                  | 1                          |                                            |
|                                       |                          |                  |                            |                                            |
| Motor                                 |                          |                  |                            |                                            |
| Type                                  | Horsepower               |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                            |
| Primary Valve Package                 |                          |                  |                            |                                            |
| Configuration                         |                          |                  |                            |                                            |
| Coil Control                          |                          |                  |                            |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                            |
| Coil Connection                       |                          |                  |                            |                                            |
| Size                                  |                          | Type             |                            |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                          |                  |                            |                                            |
| Shutoff Pressure                      | Valve                    |                  |                            |                                            |
|                                       | Position                 |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                            |
| Valve Piping Package                  |                          |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 48                               | 49     | 50     | 49    | 45    | 37    | 32    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



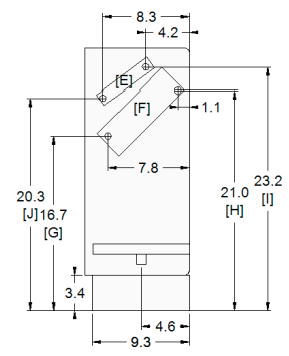
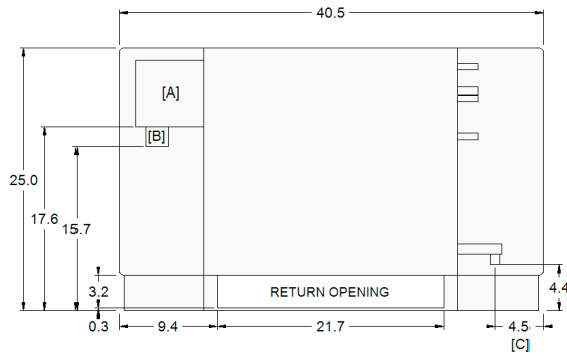
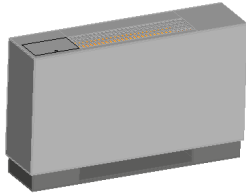
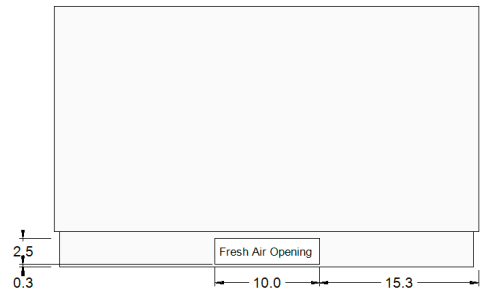
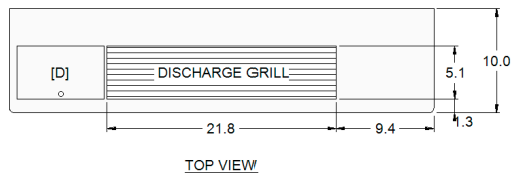
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

| NOTES                                 |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 1-12                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC103                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

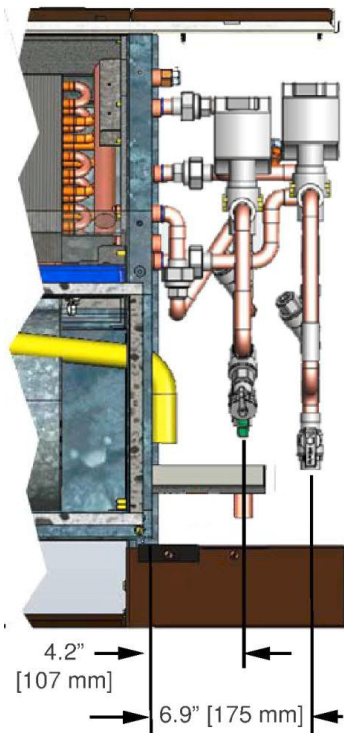
|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
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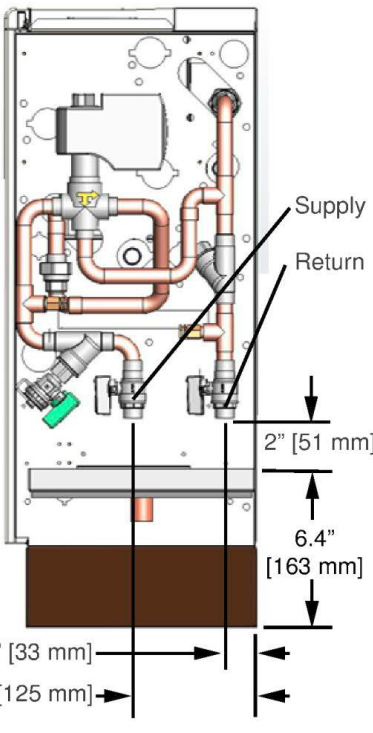
**Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil**

Deluxe package shown, see schematic (right) for list of components selected for this package

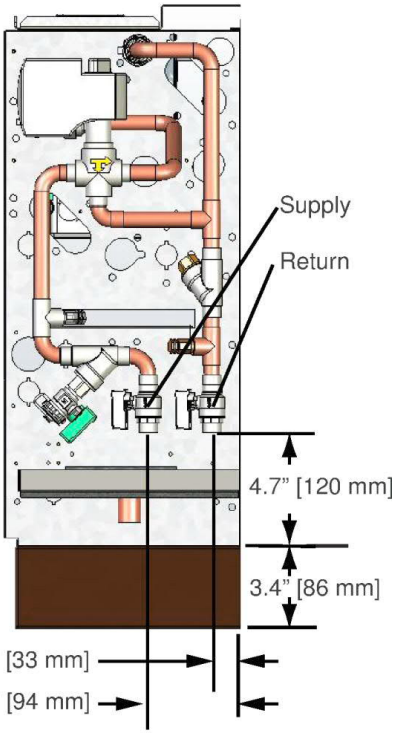
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                        |  |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|------------------------|--|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b> |  | Unit Tag: FCU 1-12                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:               |  | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC103         |  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |
|                        |  |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-13            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC104       | 04        | 115/60/1              | 355             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC104      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 04           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |                           |          |                 |
|----------------------------|---------------------------|----------|-----------------|
| Unit                       |                           |          |                 |
| Depth                      | Width                     | Height   | Shipping Weight |
| 10.0 in                    | 46.0 in                   | 25.00 in | 108 lb          |
| Filters                    |                           |          |                 |
| Type                       | (Quantity) Height x Width |          |                 |
| 1" Throwaway MERV 8 Filter | (1) 27 in x 8.75 in       |          |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                            | 4               | 1.4 ft <sup>2</sup> | 248.3 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 12714              | 9419                         | 80.0            | 67.0                | 55.7                                 | 55.5                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 52.5                         | Water           | 3.0                 | 7.27                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                   |
|---------------------------------------|--------------------------|------------------|----------------------------|-----------------------------------|
| Physical                              |                          |                  |                            |                                   |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                       |
| 12                                    | 1                        | 1                | 0.8 ft²                    | 1/2 inch Nominal Sweat (5/8 O.D.) |
| Performance                           |                          |                  |                            |                                   |
| Total Capacity                        | Temperature              |                  |                            |                                   |
|                                       | Air                      |                  | Fluid                      |                                   |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                           |
| 9772                                  | 70.0                     | 95.2             | 160.0                      | 120.9                             |
| Fluid                                 |                          |                  |                            |                                   |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                   |
| Water                                 | 0.5                      | 1.43             | Right Hand (Front of Face) |                                   |
| Water Pressure Drop Calculation       |                          |                  |                            |                                   |
|                                       | Primary Coil             |                  | Secondary Coil             |                                   |
| Coil Pressure Drop:                   | 3.00 ft H <sub>2</sub> O |                  | 0.83 ft H <sub>2</sub> O   |                                   |
| Control Valve Pressure Drop:          | 3.33 ft H <sub>2</sub> O |                  | 0.58 ft H <sub>2</sub> O   |                                   |
| Circuit Setter Pressure Drop:         | 0.11 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Strainer Pressure Drop:               | 0.69 ft H <sub>2</sub> O |                  | 0.02 ft H <sub>2</sub> O   |                                   |
| Ball Valves Pressure Drop (2, Total): | 0.14 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Total Water Pressure Drop:            | 7.27 ft H <sub>2</sub> O |                  | 1.43 ft H <sub>2</sub> O   |                                   |
| Supply Fan                            |                          |                  |                            |                                   |
| Fan                                   |                          |                  |                            |                                   |
|                                       |                          |                  |                            |                                   |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                   |
| 6.30 in                               | 6.26 in                  |                  | 2                          |                                   |
|                                       |                          |                  |                            |                                   |
| Motor                                 |                          |                  |                            |                                   |
| Type                                  | Horsepower               |                  | Quantity                   |                                   |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                   |
| Primary Valve Package                 |                          |                  |                            |                                   |
| Configuration                         |                          |                  |                            |                                   |
| Coil Control                          |                          |                  |                            |                                   |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                   |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                   |
| Coil Connection                       |                          |                  |                            |                                   |
| Size                                  |                          | Type             |                            |                                   |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                   |
| Valve Shutoff Control                 |                          |                  |                            |                                   |
| Shutoff Pressure                      | Valve                    |                  |                            |                                   |
|                                       | Position                 |                  | CV Value                   |                                   |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                   |
| Valve Piping Package                  |                          |                  |                            |                                   |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                   |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                   |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 53                               | 54     | 51     | 49    | 44    | 35    | 33    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Leveling Legs:                  | Leveling Legs              |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.

Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

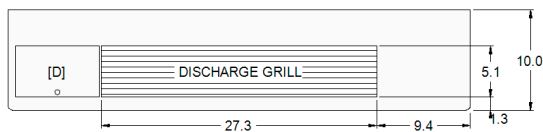
### Optional

Part Number

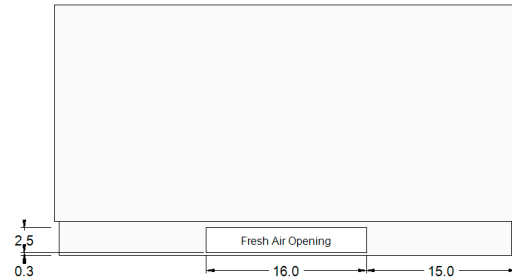
Description

250803500

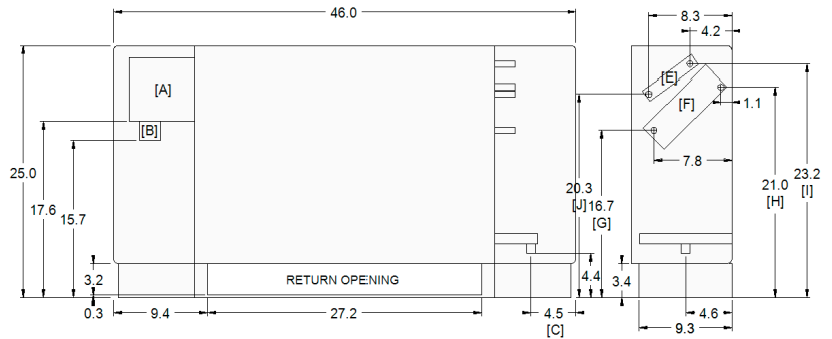
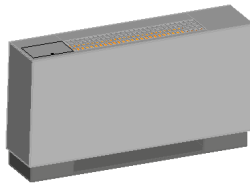
BACnet t-stat MIT-FA-005 (Low Voltage only)



TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                        |                                          |                                               |                                                   |
|------------------------|------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| <b>Product Drawing</b> | <b>Unit Tag: FCU 1-13</b>                | <b>Sales Office: Harrison Energy Partners</b> | <b>DAIKIN</b>                                     |
| <b>Product:</b>        | <b>Project Name: Buckstaff Bathhouse</b> | <b>Sales Engineer:</b>                        | 13600 Industrial Park Blvd. Minneapolis, MN 55441 |
| <b>Model: FCVC104</b>  | July 16, 2026                            | Ver/Rev:                                      | www.DaikinApplied.com                             |
|                        | Sheet: 1 of 1                            | Scale: NTS                                    | Software Version: 13.00                           |
|                        |                                          | Tolerance: +/- 0.25"                          |                                                   |
|                        |                                          | Dwg Units: in                                 |                                                   |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

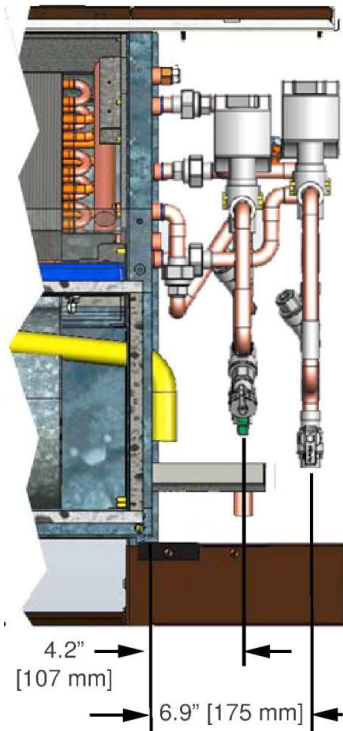
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

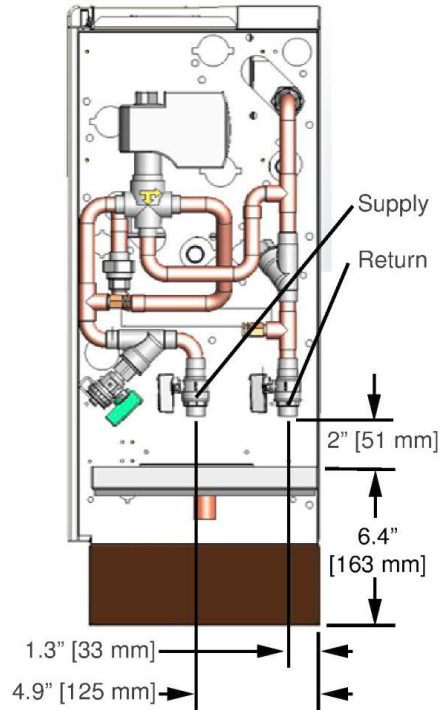
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

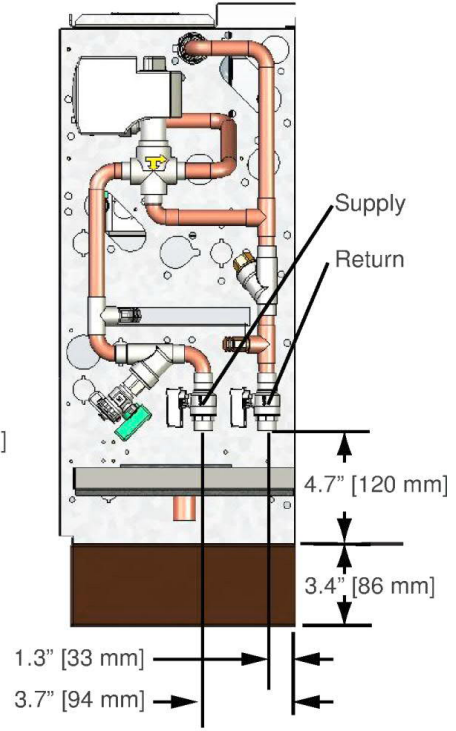
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-13                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC104  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |



| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-14            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC104       | 04        | 115/60/1              | 415             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC104      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 04           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |                           |          |                 |
|----------------------------|---------------------------|----------|-----------------|
| Unit                       |                           |          |                 |
| Depth                      | Width                     | Height   | Shipping Weight |
| 10.0 in                    | 46.0 in                   | 25.00 in | 108 lb          |
| Filters                    |                           |          |                 |
| Type                       | (Quantity) Height x Width |          |                 |
| 1" Throwaway MERV 8 Filter | (1) 27 in x 8.75 in       |          |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                            | 4               | 1.4 ft <sup>2</sup> | 290.2 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 14519              | 10877                        | 80.0            | 67.0                | 56.0                                 | 55.8                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 52.3                         | Water           | 3.5                 | 9.71                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                   |
|---------------------------------------|--------------------------|------------------|----------------------------|-----------------------------------|
| Physical                              |                          |                  |                            |                                   |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                       |
| 12                                    | 1                        | 1                | 0.8 ft²                    | 1/2 inch Nominal Sweat (5/8 O.D.) |
| Performance                           |                          |                  |                            |                                   |
| Total Capacity                        | Temperature              |                  |                            |                                   |
|                                       | Air                      |                  | Fluid                      |                                   |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                           |
| 10935                                 | 70.0                     | 94.1             | 160.0                      | 123.6                             |
| Fluid                                 |                          |                  |                            |                                   |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                   |
| Water                                 | 0.6                      | 2.01             | Right Hand (Front of Face) |                                   |
| Water Pressure Drop Calculation       |                          |                  |                            |                                   |
|                                       | Primary Coil             |                  | Secondary Coil             |                                   |
| Coil Pressure Drop:                   | 3.90 ft H <sub>2</sub> O |                  | 1.14 ft H <sub>2</sub> O   |                                   |
| Control Valve Pressure Drop:          | 4.53 ft H <sub>2</sub> O |                  | 0.83 ft H <sub>2</sub> O   |                                   |
| Circuit Setter Pressure Drop:         | 0.14 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Strainer Pressure Drop:               | 0.94 ft H <sub>2</sub> O |                  | 0.03 ft H <sub>2</sub> O   |                                   |
| Ball Valves Pressure Drop (2, Total): | 0.20 ft H <sub>2</sub> O |                  | 0.01 ft H <sub>2</sub> O   |                                   |
| Total Water Pressure Drop:            | 9.71 ft H <sub>2</sub> O |                  | 2.01 ft H <sub>2</sub> O   |                                   |
| Supply Fan                            |                          |                  |                            |                                   |
| Fan                                   |                          |                  |                            |                                   |
|                                       |                          |                  |                            |                                   |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                   |
| 6.30 in                               | 6.26 in                  |                  | 2                          |                                   |
|                                       |                          |                  |                            |                                   |
| Motor                                 |                          |                  |                            |                                   |
| Type                                  | Horsepower               |                  | Quantity                   |                                   |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                   |
| Primary Valve Package                 |                          |                  |                            |                                   |
| Configuration                         |                          |                  |                            |                                   |
| Coil Control                          |                          |                  |                            |                                   |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                   |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                   |
| Coil Connection                       |                          |                  |                            |                                   |
| Size                                  |                          | Type             |                            |                                   |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                   |
| Valve Shutoff Control                 |                          |                  |                            |                                   |
| Shutoff Pressure                      | Valve                    |                  |                            |                                   |
|                                       | Position                 |                  | CV Value                   |                                   |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                   |
| Valve Piping Package                  |                          |                  |                            |                                   |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                   |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                   |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 55                               | 56     | 53     | 51    | 46    | 37    | 35    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Leveling Legs:                  | Leveling Legs              |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.

Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

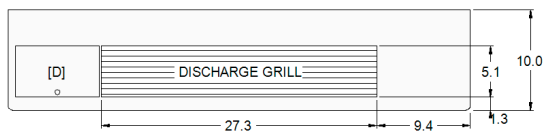
### Optional

Part Number

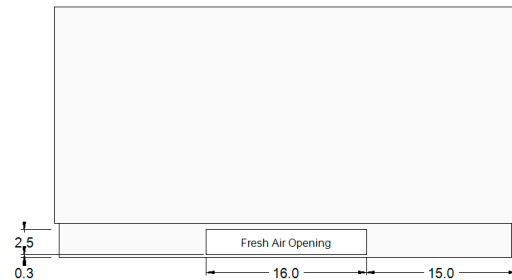
Description

250803500

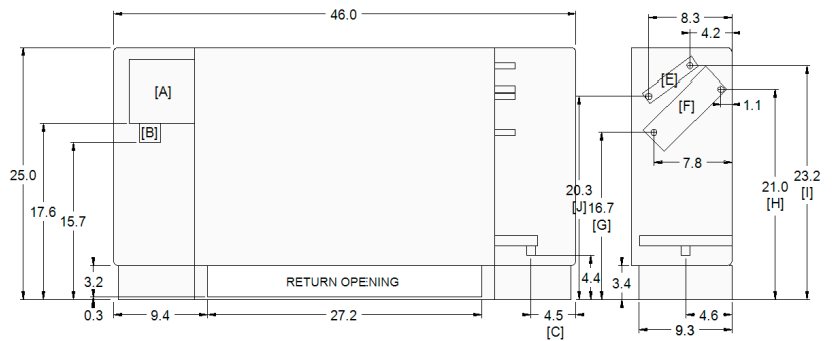
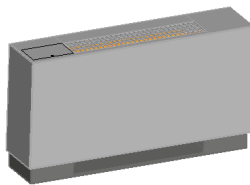
BACnet t-stat MIT-FA-005 (Low Voltage only)



TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                        |                                          |                                               |                                                   |
|------------------------|------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| <b>Product Drawing</b> | <b>Unit Tag: FCU 1-14</b>                | <b>Sales Office: Harrison Energy Partners</b> | <b>DAIKIN</b>                                     |
| <b>Product:</b>        | <b>Project Name: Buckstaff Bathhouse</b> | <b>Sales Engineer:</b>                        | 13600 Industrial Park Blvd. Minneapolis, MN 55441 |
| <b>Model: FCVC104</b>  | July 16, 2026                            | Ver/Rev:                                      | www.DaikinApplied.com                             |
|                        | Sheet: 1 of 1                            | Scale: NTS                                    | Software Version: 13.00                           |
|                        |                                          | Tolerance: +/- 0.25"                          |                                                   |
|                        |                                          | Dwg Units: in                                 |                                                   |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

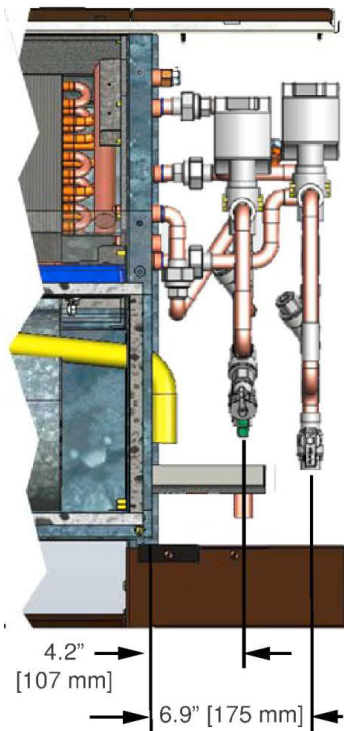
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

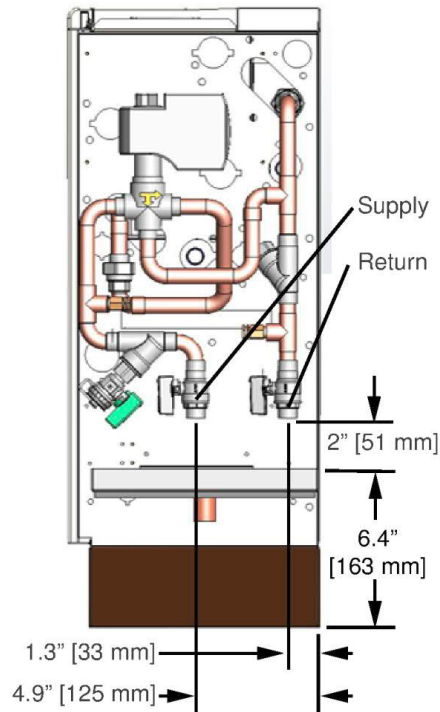
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

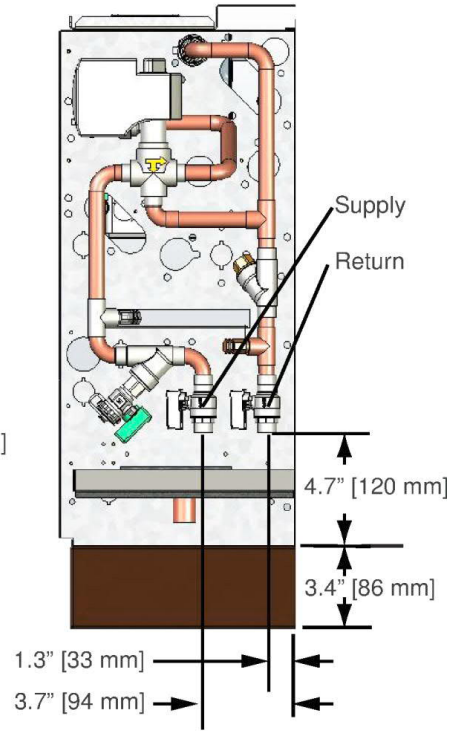
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-14                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC104  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-15            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC102       | 02        | 115/60/1              | 150             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC102      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 02           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 35.0 in | 25.00 in                  | 83 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 16 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 0.7 ft <sup>2</sup> | 202.7 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 5076               | 3763               | 80.0            | 67.0                | 57.1                                 | 56.2                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 54.2               | Water           | 1.0                 | 2.78                                 | Right Hand (Front of<br>Face)           |



| Hot Water Reheat Coil                 |                          |                  |                            |                                   |
|---------------------------------------|--------------------------|------------------|----------------------------|-----------------------------------|
| Physical                              |                          |                  |                            |                                   |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                       |
| 12                                    | 1                        | 1                | 0.6 ft²                    | 1/2 inch Nominal Sweat (5/8 O.D.) |
| Performance                           |                          |                  |                            |                                   |
| Total Capacity                        | Temperature              |                  |                            |                                   |
|                                       | Air                      |                  | Fluid                      |                                   |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                           |
| 3639                                  | 70.0                     | 92.2             | 160.0                      | 123.6                             |
| Fluid                                 |                          |                  |                            |                                   |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                   |
| Water                                 | 0.2                      | 0.22             | Right Hand (Front of Face) |                                   |
| Water Pressure Drop Calculation       |                          |                  |                            |                                   |
|                                       | Primary Coil             |                  | Secondary Coil             |                                   |
| Coil Pressure Drop:                   | 0.37 ft H <sub>2</sub> O |                  | 0.12 ft H <sub>2</sub> O   |                                   |
| Control Valve Pressure Drop:          | 2.31 ft H <sub>2</sub> O |                  | 0.09 ft H <sub>2</sub> O   |                                   |
| Circuit Setter Pressure Drop:         | 0.01 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Strainer Pressure Drop:               | 0.08 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Ball Valves Pressure Drop (2, Total): | 0.02 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Total Water Pressure Drop:            | 2.78 ft H <sub>2</sub> O |                  | 0.22 ft H <sub>2</sub> O   |                                   |
| Supply Fan                            |                          |                  |                            |                                   |
| Fan                                   |                          |                  |                            |                                   |
|                                       |                          |                  |                            |                                   |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                   |
| 6.30 in                               | 6.26 in                  |                  | 1                          |                                   |
|                                       |                          |                  |                            |                                   |
| Motor                                 |                          |                  |                            |                                   |
| Type                                  | Horsepower               |                  | Quantity                   |                                   |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                   |
| Primary Valve Package                 |                          |                  |                            |                                   |
| Configuration                         |                          |                  |                            |                                   |
| Coil Control                          |                          |                  |                            |                                   |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                   |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                   |
| Coil Connection                       |                          |                  |                            |                                   |
| Size                                  |                          | Type             |                            |                                   |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                   |
| Valve Shutoff Control                 |                          |                  |                            |                                   |
| Shutoff Pressure                      | Valve                    |                  |                            |                                   |
|                                       | Position                 |                  | CV Value                   |                                   |
| High Close Off                        | Normally Closed          |                  | 1.0                        |                                   |
| Valve Piping Package                  |                          |                  |                            |                                   |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                   |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                   |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 48                               | 51     | 50     | 50    | 47    | 41    | 35    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



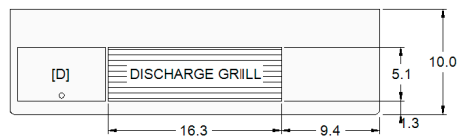
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

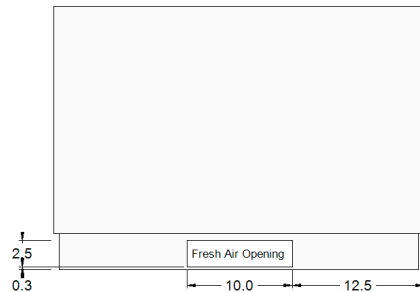
Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

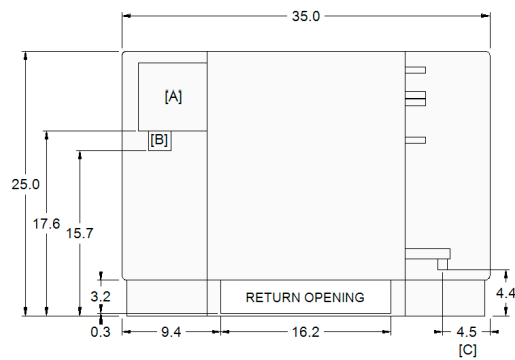
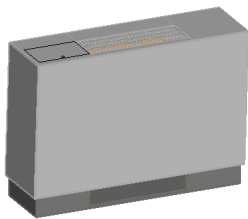
| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



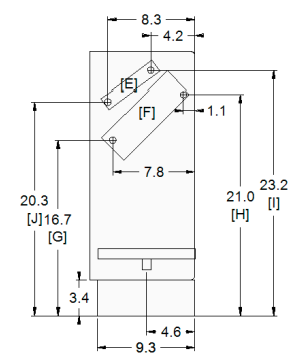
TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT



RIGHT VIEW

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |  |                                   |          |                                        |                                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|----------|----------------------------------------|--------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   |  | Unit Tag: FCU 1-15                |          | Sales Office: Harrison Energy Partners |                                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse |          | Sales Engineer:                        |                                      |               |                                                                                                                                                                                                  |
| Model: FCVC102                                                                                                                                                                    |  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1                          | Scale: NTS      Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                   |          |                                        |                                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

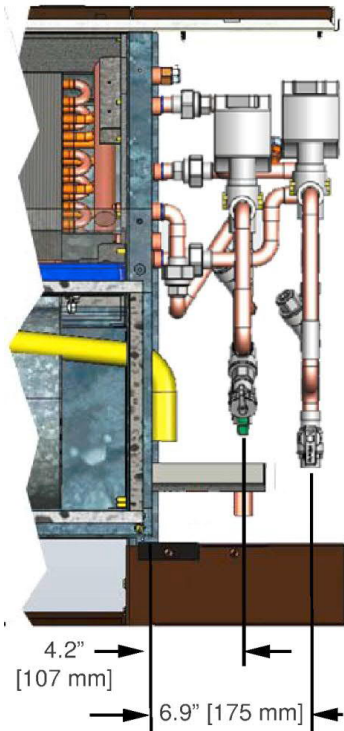
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

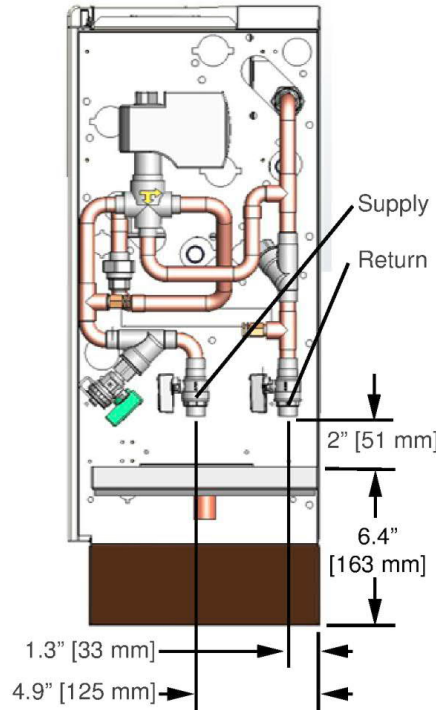
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

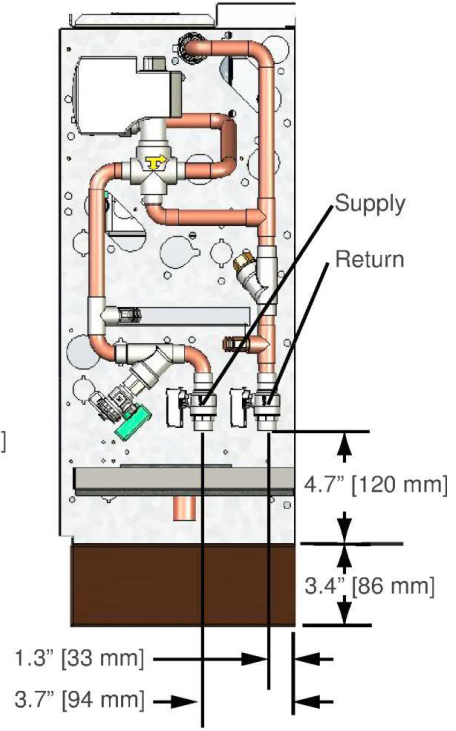
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-15                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC102  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-16            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC108       | 08        | 115/60/1              | 620             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC108      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 08           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 62.5 in | 25.00 in                  | 153 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (2) 21.7 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 7.0 A          | 8.8 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                  | 4               | 2.5 ft <sup>2</sup> | 252.0 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 23290              | 16334              | 80.0            | 67.0                | 55.9                                 | 54.9                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 57.3               | Water           | 3.5                 | 12.32                                | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                           |                  |                            |                                   |
|---------------------------------------|---------------------------|------------------|----------------------------|-----------------------------------|
| Physical                              |                           |                  |                            |                                   |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                       |
| 12                                    | 1                         | 1                | 1.5 ft²                    | 1/2 inch Nominal Sweat (5/8 O.D.) |
| Performance                           |                           |                  |                            |                                   |
| Total Capacity                        | Temperature               |                  |                            |                                   |
|                                       | Air                       |                  | Fluid                      |                                   |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                           |
| 13026                                 | 70.0                      | 89.2             | 160.0                      | 107.9                             |
| Fluid                                 |                           |                  |                            |                                   |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                   |
| Water                                 | 0.5                       | 1.82             | Right Hand (Front of Face) |                                   |
| Water Pressure Drop Calculation       |                           |                  |                            |                                   |
|                                       | Primary Coil              |                  | Secondary Coil             |                                   |
| Coil Pressure Drop:                   | 6.52 ft H <sub>2</sub> O  |                  | 1.22 ft H <sub>2</sub> O   |                                   |
| Control Valve Pressure Drop:          | 4.53 ft H <sub>2</sub> O  |                  | 0.58 ft H <sub>2</sub> O   |                                   |
| Circuit Setter Pressure Drop:         | 0.14 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Strainer Pressure Drop:               | 0.94 ft H <sub>2</sub> O  |                  | 0.02 ft H <sub>2</sub> O   |                                   |
| Ball Valves Pressure Drop (2, Total): | 0.20 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Total Water Pressure Drop:            | 12.32 ft H <sub>2</sub> O |                  | 1.82 ft H <sub>2</sub> O   |                                   |
| Supply Fan                            |                           |                  |                            |                                   |
| Fan                                   |                           |                  |                            |                                   |
|                                       |                           |                  |                            |                                   |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                   |
| 6.30 in                               | 6.26 in                   |                  | 2                          |                                   |
|                                       |                           |                  |                            |                                   |
| Motor                                 |                           |                  |                            |                                   |
| Type                                  | Horsepower                |                  | Quantity                   |                                   |
| Field Adjustable ECM                  | (2) 1/4 hp                |                  | 2                          |                                   |
| Primary Valve Package                 |                           |                  |                            |                                   |
| Configuration                         |                           |                  |                            |                                   |
| Coil Control                          |                           |                  |                            |                                   |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                   |
| Proportional, Modulating              | 2-Way                     |                  | 24V                        |                                   |
| Coil Connection                       |                           |                  |                            |                                   |
| Size                                  |                           | Type             |                            |                                   |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                   |
| Valve Shutoff Control                 |                           |                  |                            |                                   |
| Shutoff Pressure                      | Valve                     |                  |                            |                                   |
|                                       | Position                  |                  | CV Value                   |                                   |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                   |
| Valve Piping Package                  |                           |                  |                            |                                   |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                   |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                   |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 56                               | 58     | 58     | 58    | 54    | 45    | 39    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

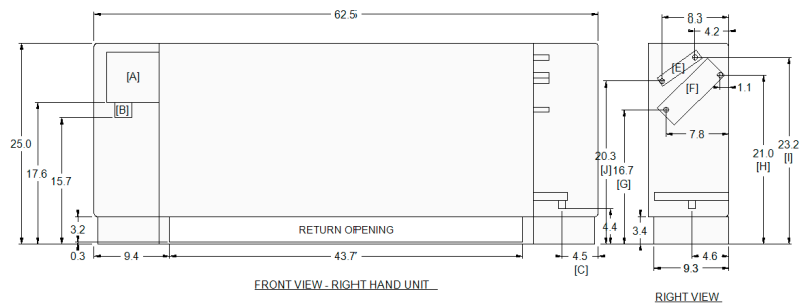
## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |





|                        |                                          |          |               |                                        |                      |               |                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b> | Unit Tag: FCU 1-16                       |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br><a href="http://www.DaikinApplied.com">www.DaikinApplied.com</a> Software Version: 13.00 |
| Product:               | Project Name: <b>Buckstaff Bathhouse</b> |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                                                        |
| Model: FCVC108         | July 16, 2026                            | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                                                        |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

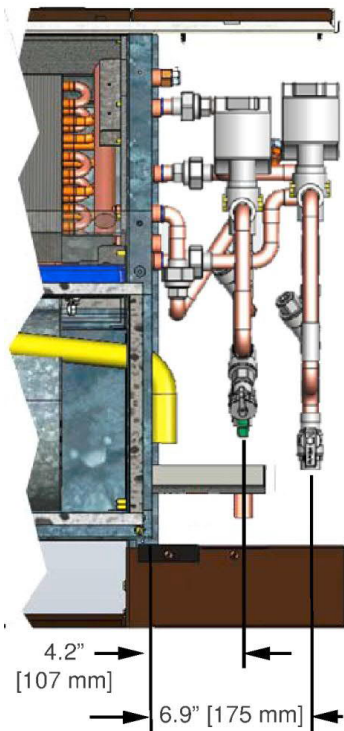
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

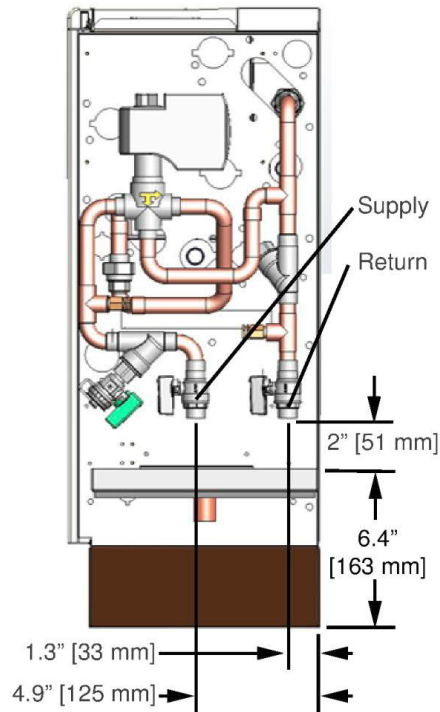
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

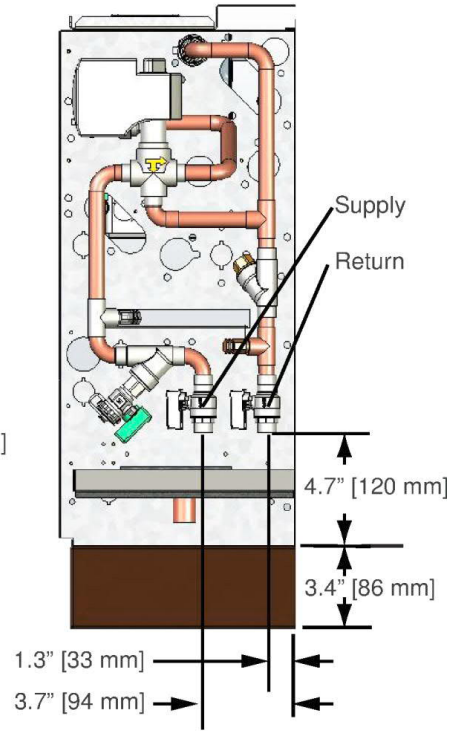
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-16                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC108  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 1-17            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC108       | 08        | 115/60/1              | 875             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC108      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 08           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 62.5 in | 25.00 in                  | 153 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (2) 21.7 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 7.0 A          | 8.8 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                  | 4               | 2.5 ft <sup>2</sup> | 355.7 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 30638              | 21983              | 80.0            | 67.0                | 57.0                                 | 55.8                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 57.0               | Water           | 4.7                 | 21.32                                | Left Hand (Front of Face)               |

| Hot Water Reheat Coil                 |                           |                  |                           |                                            |
|---------------------------------------|---------------------------|------------------|---------------------------|--------------------------------------------|
| Physical                              |                           |                  |                           |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                 | Connections                                |
| 12                                    | 1                         | 1                | 1.5 ft²                   | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                           |                                            |
| Total Capacity                        | Temperature               |                  |                           |                                            |
|                                       | Air                       |                  | Fluid                     |                                            |
|                                       | Entering                  | Leaving          | Entering                  | Leaving                                    |
| 15337                                 | 70.0                      | 86.0             | 160.0                     | 108.9                                      |
| Fluid                                 |                           |                  |                           |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling             |                                            |
| Water                                 | 0.6                       | 2.58             | Left Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                           |                                            |
|                                       | Primary Coil              |                  | Secondary Coil            |                                            |
| Coil Pressure Drop:                   | 10.86 ft H <sub>2</sub> O |                  | 1.71 ft H <sub>2</sub> O  |                                            |
| Control Valve Pressure Drop:          | 8.16 ft H <sub>2</sub> O  |                  | 0.83 ft H <sub>2</sub> O  |                                            |
| Circuit Setter Pressure Drop:         | 0.26 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Strainer Pressure Drop:               | 1.69 ft H <sub>2</sub> O  |                  | 0.03 ft H <sub>2</sub> O  |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.35 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O  |                                            |
| Total Water Pressure Drop:            | 21.32 ft H <sub>2</sub> O |                  | 2.58 ft H <sub>2</sub> O  |                                            |
| Supply Fan                            |                           |                  |                           |                                            |
| Fan                                   |                           |                  |                           |                                            |
|                                       |                           |                  |                           |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                  |                                            |
| 6.30 in                               | 6.26 in                   |                  | 2                         |                                            |
|                                       |                           |                  |                           |                                            |
| Motor                                 |                           |                  |                           |                                            |
| Type                                  | Horsepower                |                  | Quantity                  |                                            |
| Field Adjustable ECM                  | (2) 1/4 hp                |                  | 2                         |                                            |
| Primary Valve Package                 |                           |                  |                           |                                            |
| Configuration                         |                           |                  |                           |                                            |
| Coil Control                          |                           |                  |                           |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                   |                                            |
| Proportional, Modulating              | 3-Way                     |                  | 24V                       |                                            |
| Coil Connection                       |                           |                  |                           |                                            |
| Size                                  |                           | Type             |                           |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                           |                                            |
| Valve Shutoff Control                 |                           |                  |                           |                                            |
| Shutoff Pressure                      | Valve                     |                  |                           |                                            |
|                                       | Position                  |                  | CV Value                  |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                       |                                            |
| Valve Piping Package                  |                           |                  |                           |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type           |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                     |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 59                               | 61     | 61     | 61    | 57    | 48    | 42    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



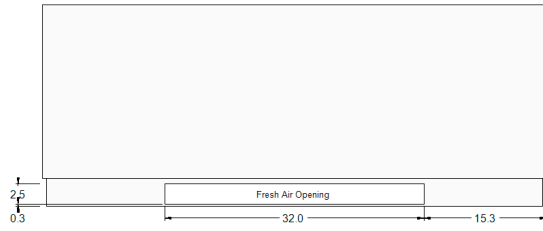
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

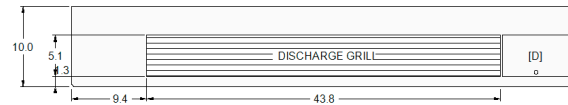
Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

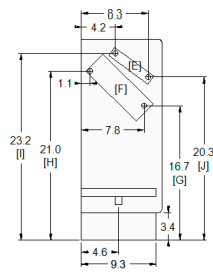
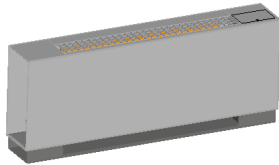
| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



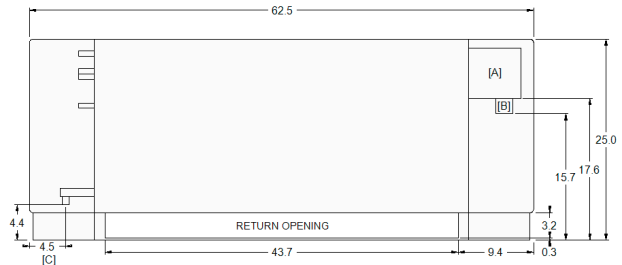
BACK VIEW



TOP VIEW



LEFT VIEW



FRONT VIEW - LEFT HAND UNIT

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 1-17                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC108                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |



|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve</b><br>Modulates water flow in response to 24V signal.                                                                                  |
|  |  | <b>3-Way Modulating Valve (3-wire or proportional)</b><br>Modulate or bypass water flow in response to 24V signal. Includes fixed orifice for balancing.          |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

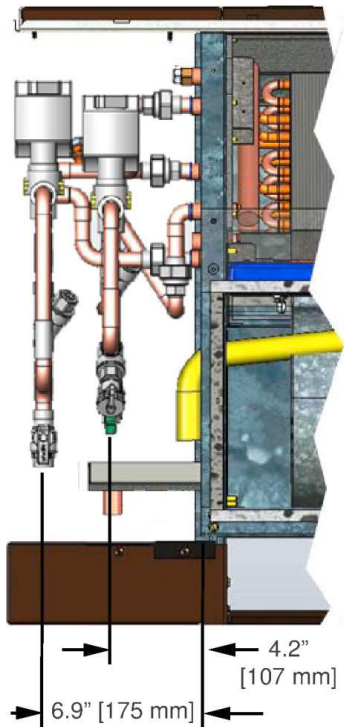
|                                                                                                                                                                                   |  |                                        |          |                     |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 1- : VP : VP 007         |          |                     | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |          |                     |                                                                                                                                                                                                  |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |          |                     |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev: | Sheet 1 of 1        |                                                                                                                                                                                                  |
|                                                                                                                                                                                   |  | Scale: NTS                             |          | Tolerance: +/-0.25" | Dwg Units: in [mm]                                                                                                                                                                               |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |          |                     |                                                                                                                                                                                                  |

## Connecting Pipe Locations: 4-Pipe, Left Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

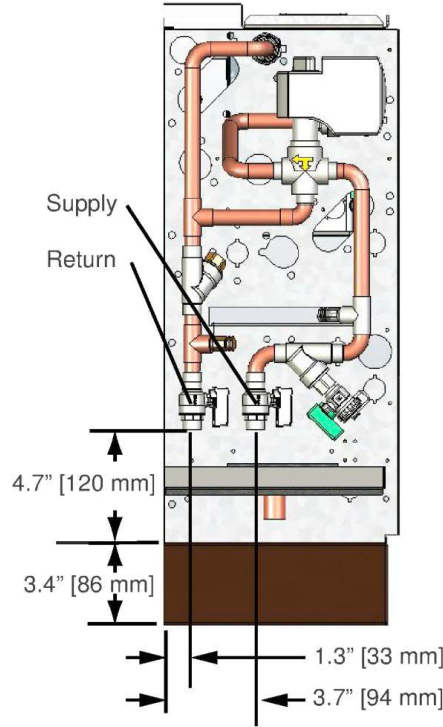
### Front View

Primary and Reheat Coil  
Piping Shown



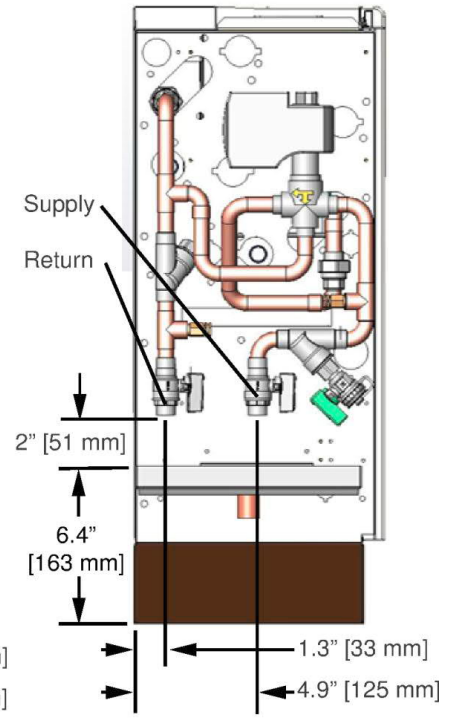
### End View:

Reheat Coil Piping Shown  
Primary Coil Piping Hidden



### End View

Primary Coil Piping Shown  
Reheat Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 1-17                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC108  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-01            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC102       | 02        | 115/60/1              | 150             | 0.03                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC102      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 02           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 35.0 in | 25.00 in                  | 83 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 16 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                  |                                      |                                         |
|--------------------|--------------------|-----------------|------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                  |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area        | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 0.7 ft²          | 202.7 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                  |                                      |                                         |
| Capacity           |                    | Air Temperature |                  |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                  | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F   | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 5865               | 4062               | 80.0            | 67.0             | 55.2                                 | 54.3                                    |
| Fluid              |                    |                 |                  |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                  |                                      |                                         |
| 44.0               | 51.8               | Water           | 1.5              | 1.80                                 | Left Hand (Front of Face)               |

| Hot Water Reheat Coil                 |                          |                          |                           |                                   |
|---------------------------------------|--------------------------|--------------------------|---------------------------|-----------------------------------|
| Physical                              |                          |                          |                           |                                   |
| Fins per Inch                         | Number of Rows           | Coil Circuits            | Face Area                 | Connections                       |
| 12                                    | 1                        | 1                        | 0.6 ft²                   | 1/2 inch Nominal Sweat (5/8 O.D.) |
| Performance                           |                          |                          |                           |                                   |
| Total Capacity                        | Temperature              |                          |                           |                                   |
|                                       | Air                      |                          | Fluid                     |                                   |
|                                       | Entering                 | Leaving                  | Entering                  | Leaving                           |
| 2335                                  | 70.0                     | 84.2                     | 160.0                     | 113.3                             |
| Fluid                                 |                          |                          |                           |                                   |
| Type                                  | Flow Rate                | Pressure Drop            | Unit Handling             |                                   |
| Water                                 | 0.1                      | 0.12                     | Left Hand (Front of Face) |                                   |
| Water Pressure Drop Calculation       |                          |                          |                           |                                   |
|                                       | Primary Coil             |                          | Secondary Coil            |                                   |
| Coil Pressure Drop:                   | 0.73 ft H <sub>2</sub> O |                          | 0.10 ft H <sub>2</sub> O  |                                   |
| Control Valve Pressure Drop:          | 0.83 ft H <sub>2</sub> O |                          | 0.02 ft H <sub>2</sub> O  |                                   |
| Circuit Setter Pressure Drop:         | 0.03 ft H <sub>2</sub> O |                          | 0.00 ft H <sub>2</sub> O  |                                   |
| Strainer Pressure Drop:               | 0.17 ft H <sub>2</sub> O |                          | 0.00 ft H <sub>2</sub> O  |                                   |
| Ball Valves Pressure Drop (2, Total): | 0.04 ft H <sub>2</sub> O |                          | 0.00 ft H <sub>2</sub> O  |                                   |
| Total Water Pressure Drop:            | 1.80 ft H <sub>2</sub> O |                          | 0.12 ft H <sub>2</sub> O  |                                   |
| Supply Fan                            |                          |                          |                           |                                   |
| Fan                                   |                          |                          |                           |                                   |
|                                       |                          |                          |                           |                                   |
| Fan Height                            |                          | Fan Width                |                           | Quantity                          |
| 6.30 in                               |                          | 6.26 in                  |                           | 1                                 |
| Motor                                 |                          |                          |                           |                                   |
| Type                                  |                          | Horsepower               |                           | Quantity                          |
| Field Adjustable ECM                  |                          | 1/4 hp                   |                           | 1                                 |
| Primary Valve Package                 |                          |                          |                           |                                   |
| Configuration                         |                          |                          |                           |                                   |
|                                       |                          |                          |                           |                                   |
| Coil Control                          |                          |                          |                           |                                   |
| Flow Control                          |                          | Valve Body Type          |                           | Voltage                           |
| Proportional, Modulating              |                          | 2-Way                    |                           | 24V                               |
| Coil Connection                       |                          |                          |                           |                                   |
| Size                                  |                          | Type                     |                           |                                   |
| 5/8" Connection                       |                          | Sweat Connection         |                           |                                   |
| Valve Shutoff Control                 |                          |                          |                           |                                   |
| Shutoff Pressure                      |                          | Valve                    |                           |                                   |
|                                       |                          | Position                 |                           | CV Value                          |
| High Close Off                        |                          | Normally Closed          |                           | 2.5                               |
| Valve Piping Package                  |                          |                          |                           |                                   |
| Shutoff Isolation Valve Type          |                          | Strainer                 |                           | Connection Type                   |
| Ball Valve, Open-Close                |                          | Y-Strainer with Cleanout |                           | Sweat                             |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 49                               | 52     | 51     | 51    | 48    | 42    | 36    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



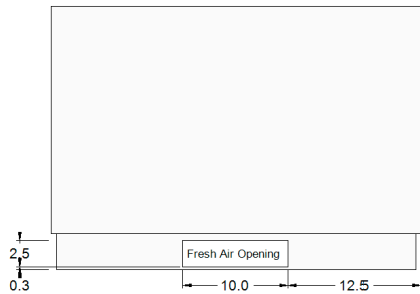
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

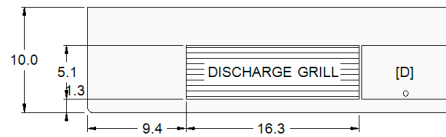
Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

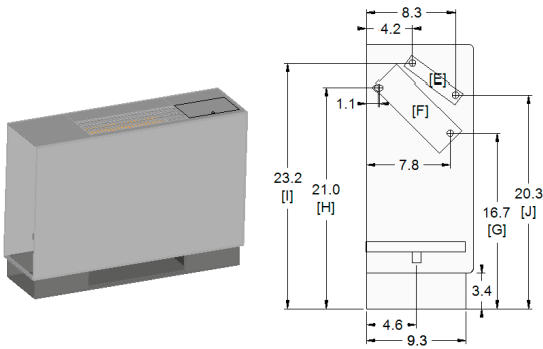
| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



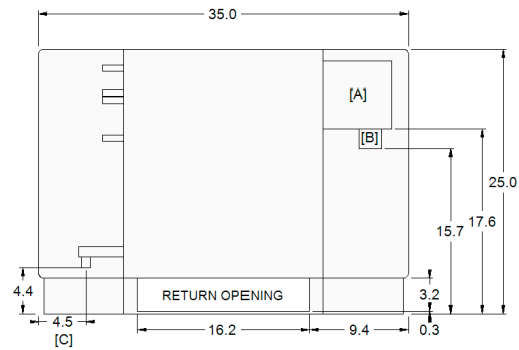
BACK VIEW



TOP VIEW



LEFT VIEW



FRONT VIEW - LEFT HAND UNIT

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                        |                                          |                                               |                                                                                                                                                                                             |
|------------------------|------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b> | <b>Unit Tag: FCU 2-01</b>                | <b>Sales Office: Harrison Energy Partners</b> | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com Software Version: 13.00 |
| <b>Product:</b>        | <b>Project Name: Buckstaff Bathhouse</b> | <b>Sales Engineer:</b>                        |                                                                                                                                                                                             |
| <b>Model: FCVC102</b>  | July 16, 2026 Ver/Rev: Sheet: 1 of 1     | Scale: NTS Tolerance: +/- 0.25" Dwg Units: in |                                                                                                                                                                                             |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                        |          |                     |                                                                                                                                                                                                                             |                    |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004         |          |                     | <div></div> <div>13600 Industrial Park Blvd. Minneapolis, MN 55441</div> <div>www.DaikinApplied.com      Software Version: 05.00</div> |                    |  |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |          |                     |                                                                                                                                                                                                                             |                    |  |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |          |                     |                                                                                                                                                                                                                             |                    |  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev: | Sheet 1 of 1        |                                                                                                                                                                                                                             |                    |  |
|                                                                                                                                                                                   |  | Scale: NTS                             |          | Tolerance: +/-0.25" |                                                                                                                                                                                                                             | Dwg Units: in [mm] |  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |          |                     |                                                                                                                                                                                                                             |                    |  |

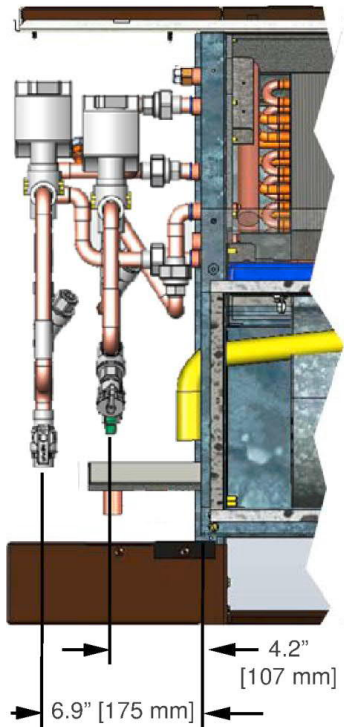


## Connecting Pipe Locations: 4-Pipe, Left Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

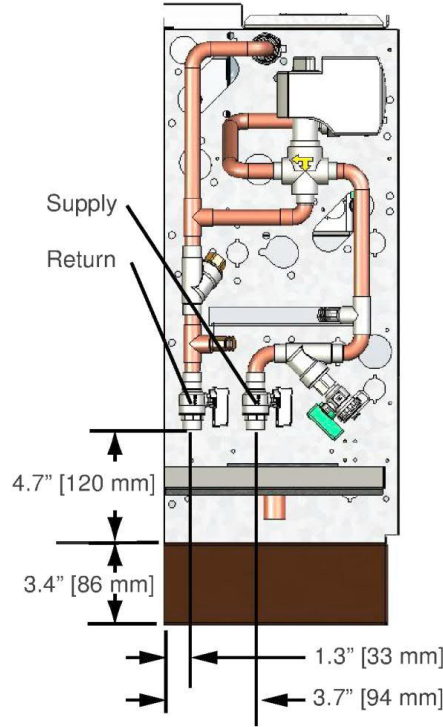
### Front View

Primary and Reheat Coil  
Piping Shown



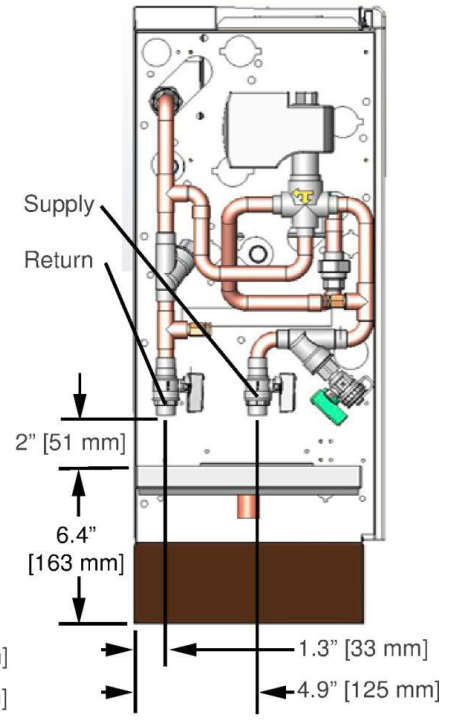
### End View:

Reheat Coil Piping Shown  
Primary Coil Piping Hidden



### End View

Primary Coil Piping Shown  
Reheat Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-01                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC102  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |



| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-02            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC108       | 08        | 115/60/1              | 715             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC108      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 08           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 62.5 in | 25.00 in                  | 153 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (2) 21.7 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 7.0 A          | 8.8 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                            | 4               | 2.5 ft <sup>2</sup> | 290.7 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 26269              | 18551                        | 80.0            | 67.0                | 56.3                                 | 55.2                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 57.1                         | Water           | 4.0                 | 15.80                                | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                           |                  |                            |                                            |
|---------------------------------------|---------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                           |                  |                            |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                         | 1                | 1.5 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                            |                                            |
| Total Capacity                        | Temperature               |                  |                            |                                            |
|                                       | Air                       |                  | Fluid                      |                                            |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                                    |
| 14770                                 | 70.0                      | 88.9             | 160.0                      | 110.8                                      |
| Fluid                                 |                           |                  |                            |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.6                       | 2.54             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                            |                                            |
|                                       | Primary Coil              |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 8.22 ft H <sub>2</sub> O  |                  | 1.67 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 5.91 ft H <sub>2</sub> O  |                  | 0.83 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.19 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 1.22 ft H <sub>2</sub> O  |                  | 0.03 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.26 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 15.80 ft H <sub>2</sub> O |                  | 2.54 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                           |                  |                            |                                            |
| Fan                                   |                           |                  |                            |                                            |
|                                       |                           |                  |                            |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                            |
| 6.30 in                               | 6.26 in                   |                  | 2                          |                                            |
|                                       |                           |                  |                            |                                            |
| Motor                                 |                           |                  |                            |                                            |
| Type                                  | Horsepower                |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | (2) 1/4 hp                |                  | 2                          |                                            |
| Primary Valve Package                 |                           |                  |                            |                                            |
| Configuration                         |                           |                  |                            |                                            |
| Coil Control                          |                           |                  |                            |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                     |                  | 24V                        |                                            |
| Coil Connection                       |                           |                  |                            |                                            |
| Size                                  |                           | Type             |                            |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                           |                  |                            |                                            |
| Shutoff Pressure                      | Valve                     |                  |                            |                                            |
|                                       | Position                  |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                            |
| Valve Piping Package                  |                           |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 57                               | 59     | 59     | 59    | 55    | 46    | 40    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



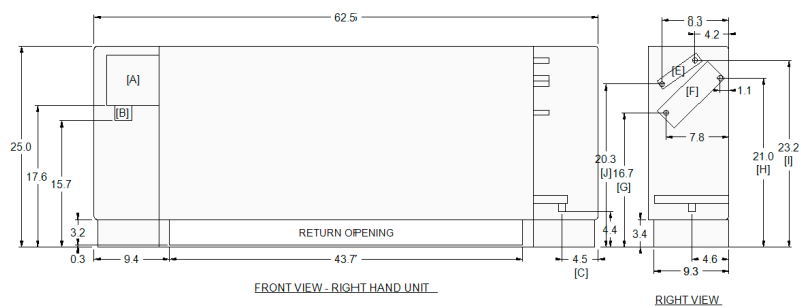
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

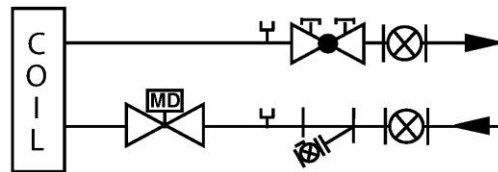
| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



|                        |                                          |          |                                        |                                                     |                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------|----------|----------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b> | Unit Tag: FCU 2-02                       |          | Sales Office: Harrison Energy Partners |                                                     | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br><a href="http://www.DaikinApplied.com">www.DaikinApplied.com</a> Software Version: 13.00 |
| Product:               | Project Name: <b>Buckstaff Bathhouse</b> |          | Sales Engineer:                        |                                                     |                                                                                                                                                                                                                                        |
| Model: FCVC108         | July 16, 2026                            | Ver/Rev: | Sheet: 1 of 1                          | Scale: NTS    Tolerance: +/- 0.25"    Dwg Units: in |                                                                                                                                                                                                                                        |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

### Schematic



**Components Key** (items not included in package are grayed out)

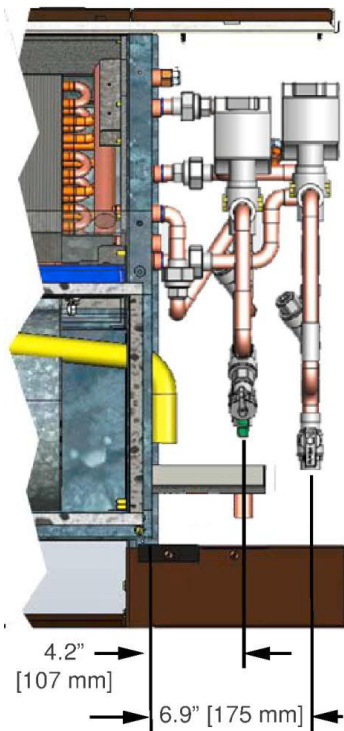


|                                                                                                                                                                                   |  |                                        |          |              |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------|--------------|---------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004         |          |              |  |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |          |              |                                                                                       |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |          |              |                                                                                       |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev: | Sheet 1 of 1 |                                                                                       |
|                                                                                                                                                                                   |  |                                        |          |              | 13600 Industrial Park Blvd. Minneapolis, MN 55441                                     |
|                                                                                                                                                                                   |  |                                        |          |              | www.DaikinApplied.com      Software Version: 05.00                                    |
|                                                                                                                                                                                   |  |                                        |          |              | Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                           |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |          |              |                                                                                       |

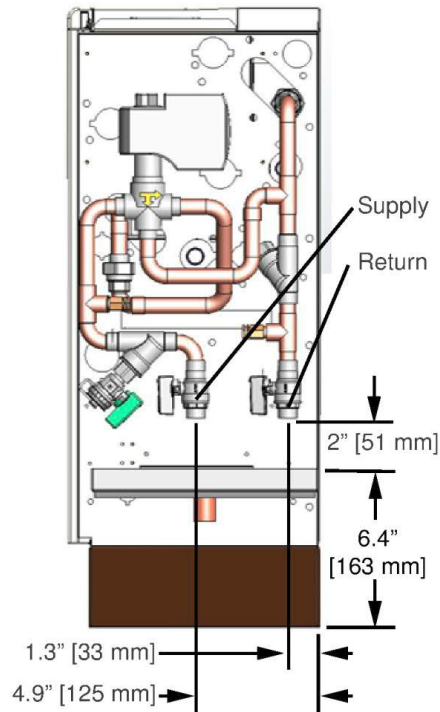
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

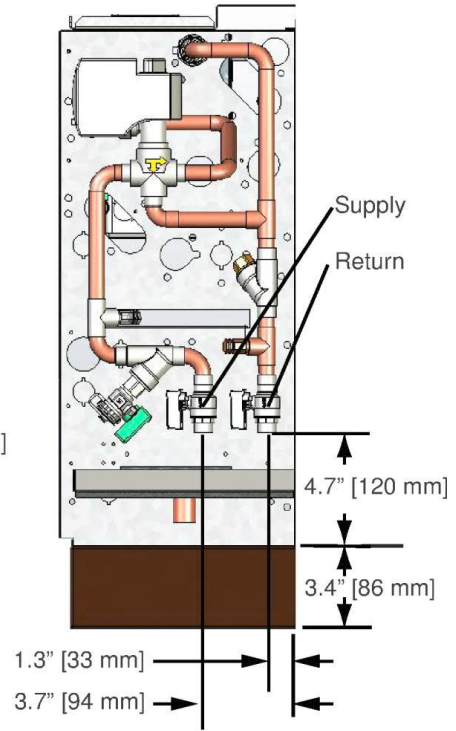
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-02                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC108  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-03            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC108       | 08        | 115/60/1              | 675             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC108      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 08           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 62.5 in | 25.00 in                  | 153 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (2) 21.7 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 7.0 A          | 8.8 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                  | 4               | 2.5 ft <sup>2</sup> | 274.4 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 25580              | 17862              | 80.0            | 67.0                | 55.8                                 | 54.8                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 56.8               | Water           | 4.0                 | 15.83                                | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                           |                  |                            |                                            |
|---------------------------------------|---------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                           |                  |                            |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                         | 1                | 1.5 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                            |                                            |
| Total Capacity                        | Temperature               |                  |                            |                                            |
|                                       | Air                       |                  | Fluid                      |                                            |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                                    |
| 14599                                 | 70.0                      | 89.8             | 160.0                      | 111.3                                      |
| Fluid                                 |                           |                  |                            |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.6                       | 2.53             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                            |                                            |
|                                       | Primary Coil              |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 8.25 ft H <sub>2</sub> O  |                  | 1.66 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 5.91 ft H <sub>2</sub> O  |                  | 0.83 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.19 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 1.22 ft H <sub>2</sub> O  |                  | 0.03 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.26 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 15.83 ft H <sub>2</sub> O |                  | 2.53 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                           |                  |                            |                                            |
| Fan                                   |                           |                  |                            |                                            |
|                                       |                           |                  |                            |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                            |
| 6.30 in                               | 6.26 in                   |                  | 2                          |                                            |
|                                       |                           |                  |                            |                                            |
| Motor                                 |                           |                  |                            |                                            |
| Type                                  | Horsepower                |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | (2) 1/4 hp                |                  | 2                          |                                            |
| Primary Valve Package                 |                           |                  |                            |                                            |
| Configuration                         |                           |                  |                            |                                            |
| Coil Control                          |                           |                  |                            |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                     |                  | 24V                        |                                            |
| Coil Connection                       |                           |                  |                            |                                            |
| Size                                  |                           | Type             |                            |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                           |                  |                            |                                            |
| Shutoff Pressure                      | Valve                     |                  |                            |                                            |
|                                       | Position                  |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                            |
| Valve Piping Package                  |                           |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                            |



## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 57                               | 59     | 59     | 59    | 55    | 46    | 40    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



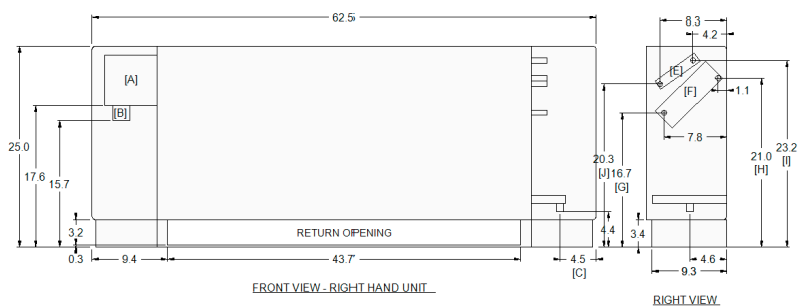
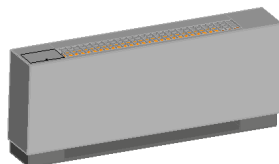
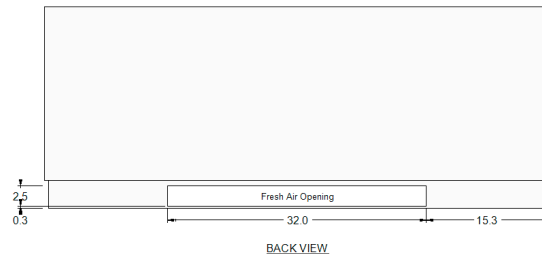
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



| NOTES                                 |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

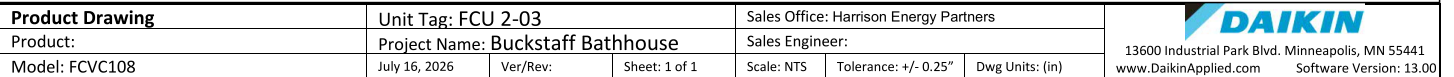
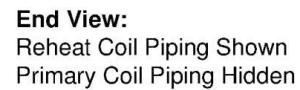
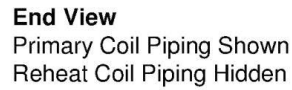
|                                                                                                                                                                                   |  |                                   |          |                                        |               |                      |                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------|----------|----------------------------------------|---------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2-03                |          | Sales Office: Harrison Energy Partners |               |                      | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br><a href="http://www.DaikinApplied.com">www.DaikinApplied.com</a> Software Version: 13.00 |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse |          | Sales Engineer:                        |               |                      |                                                                                                                                                                                                                                        |
| Model: FCVC108                                                                                                                                                                    |  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1                          | Scale: NTS    | Tolerance: +/- 0.25" |                                                                                                                                                                                                                                        |
|                                                                                                                                                                                   |  |                                   |          |                                        | Dwg Units: in |                      |                                                                                                                                                                                                                                        |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                   |          |                                        |               |                      |                                                                                                                                                                                                                                        |

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

Deluxe package shown, see schematic (right) for list of components selected for this package

**Front View**  
Primary and Reheat  
Coil Piping Shown



| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-04            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC106       | 06        | 115/60/1              | 570             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC106      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 06           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 57.0 in | 25.00 in                  | 131 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 38 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                  | 4               | 2.1 ft <sup>2</sup> | 270.1 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 22502              | 15421              | 80.0            | 67.0                | 55.3                                 | 54.2                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 55.3               | Water           | 4.0                 | 15.18                                | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                           |                  |                            |                                            |
|---------------------------------------|---------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                           |                  |                            |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                         | 1                | 1.3 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                            |                                            |
| Total Capacity                        | Temperature               |                  |                            |                                            |
|                                       | Air                       |                  | Fluid                      |                                            |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                                    |
| 10045                                 | 70.0                      | 86.1             | 160.0                      | 109.8                                      |
| Fluid                                 |                           |                  |                            |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.4                       | 1.14             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                            |                                            |
|                                       | Primary Coil              |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 7.60 ft H <sub>2</sub> O  |                  | 0.76 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 5.91 ft H <sub>2</sub> O  |                  | 0.37 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.19 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 1.22 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.26 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 15.18 ft H <sub>2</sub> O |                  | 1.14 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                           |                  |                            |                                            |
| Fan                                   |                           |                  |                            |                                            |
|                                       |                           |                  |                            |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                            |
| 6.30 in                               | 7.95 in                   |                  | 2                          |                                            |
|                                       |                           |                  |                            |                                            |
| Motor                                 |                           |                  |                            |                                            |
| Type                                  | Horsepower                |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                    |                  | 1                          |                                            |
| Primary Valve Package                 |                           |                  |                            |                                            |
| Configuration                         |                           |                  |                            |                                            |
| Coil Control                          |                           |                  |                            |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                     |                  | 24V                        |                                            |
| Coil Connection                       |                           |                  |                            |                                            |
| Size                                  |                           | Type             |                            |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                           |                  |                            |                                            |
| Shutoff Pressure                      | Valve                     |                  |                            |                                            |
|                                       | Position                  |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                            |
| Valve Piping Package                  |                           |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 56                               | 58     | 59     | 58    | 54    | 47    | 41    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



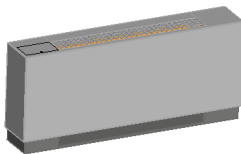
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



## NOTES

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            | Unit Tag: FCU 2-04                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br><a href="http://www.DaikinApplied.com">www.DaikinApplied.com</a> Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                                                        |
| Model: FCVC106                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                                                        |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                                                        |



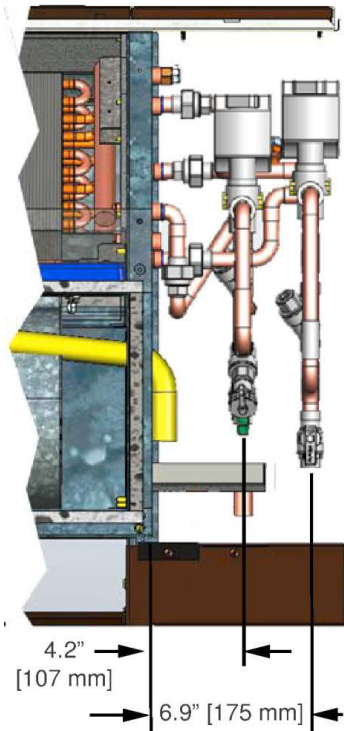
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

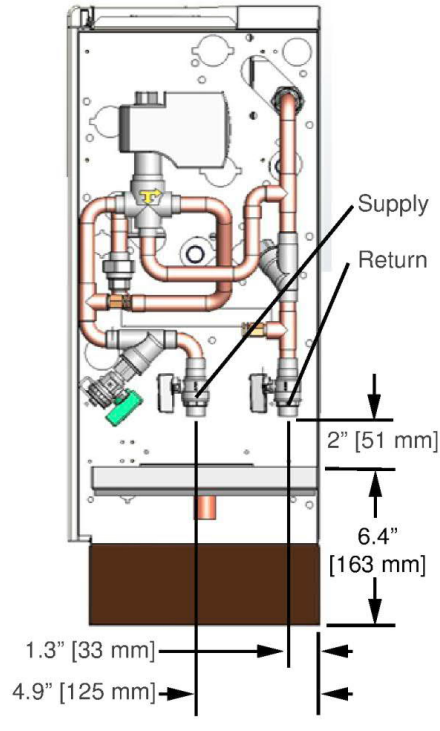
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

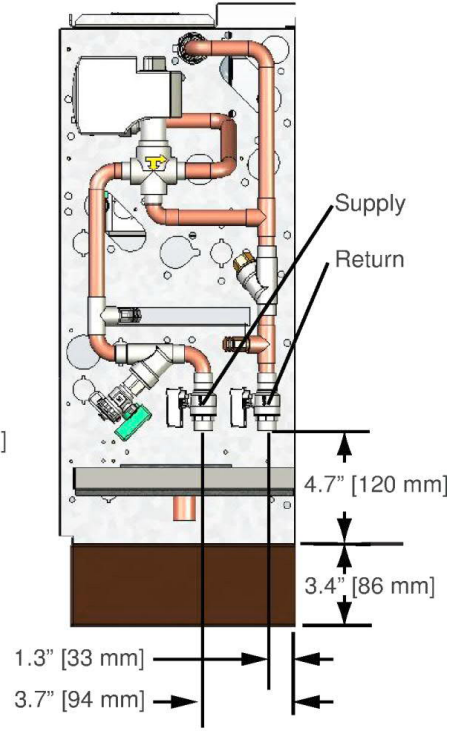
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-04                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC106  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-05            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC104       | 04        | 115/60/1              | 320             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC104      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 04           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |                           |          |                 |
|----------------------------|---------------------------|----------|-----------------|
| Unit                       |                           |          |                 |
| Depth                      | Width                     | Height   | Shipping Weight |
| 10.0 in                    | 46.0 in                   | 25.00 in | 108 lb          |
| Filters                    |                           |          |                 |
| Type                       | (Quantity) Height x Width |          |                 |
| 1" Throwaway MERV 8 Filter | (1) 27 in x 8.75 in       |          |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                            | 4               | 1.4 ft <sup>2</sup> | 223.8 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 11195              | 8387                         | 80.0            | 67.0                | 56.0                                 | 55.8                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 53.0                         | Water           | 2.5                 | 5.16                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                   |
|---------------------------------------|--------------------------|------------------|----------------------------|-----------------------------------|
| Physical                              |                          |                  |                            |                                   |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                       |
| 12                                    | 1                        | 1                | 0.8 ft²                    | 1/2 inch Nominal Sweat (5/8 O.D.) |
| Performance                           |                          |                  |                            |                                   |
| Total Capacity                        | Temperature              |                  |                            |                                   |
|                                       | Air                      |                  | Fluid                      |                                   |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                           |
| 7360                                  | 70.0                     | 91.0             | 160.0                      | 110.9                             |
| Fluid                                 |                          |                  |                            |                                   |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                   |
| Water                                 | 0.3                      | 0.57             | Right Hand (Front of Face) |                                   |
| Water Pressure Drop Calculation       |                          |                  |                            |                                   |
|                                       | Primary Coil             |                  | Secondary Coil             |                                   |
| Coil Pressure Drop:                   | 2.19 ft H <sub>2</sub> O |                  | 0.35 ft H <sub>2</sub> O   |                                   |
| Control Valve Pressure Drop:          | 2.31 ft H <sub>2</sub> O |                  | 0.21 ft H <sub>2</sub> O   |                                   |
| Circuit Setter Pressure Drop:         | 0.07 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Strainer Pressure Drop:               | 0.48 ft H <sub>2</sub> O |                  | 0.01 ft H <sub>2</sub> O   |                                   |
| Ball Valves Pressure Drop (2, Total): | 0.10 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Total Water Pressure Drop:            | 5.16 ft H <sub>2</sub> O |                  | 0.57 ft H <sub>2</sub> O   |                                   |
| Supply Fan                            |                          |                  |                            |                                   |
| Fan                                   |                          |                  |                            |                                   |
|                                       |                          |                  |                            |                                   |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                   |
| 6.30 in                               | 6.26 in                  |                  | 2                          |                                   |
|                                       |                          |                  |                            |                                   |
| Motor                                 |                          |                  |                            |                                   |
| Type                                  | Horsepower               |                  | Quantity                   |                                   |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                   |
| Primary Valve Package                 |                          |                  |                            |                                   |
| Configuration                         |                          |                  |                            |                                   |
| Coil Control                          |                          |                  |                            |                                   |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                   |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                   |
| Coil Connection                       |                          |                  |                            |                                   |
| Size                                  |                          | Type             |                            |                                   |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                   |
| Valve Shutoff Control                 |                          |                  |                            |                                   |
| Shutoff Pressure                      | Valve                    |                  |                            |                                   |
|                                       | Position                 |                  | CV Value                   |                                   |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                   |
| Valve Piping Package                  |                          |                  |                            |                                   |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                   |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                   |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 52                               | 53     | 50     | 48    | 43    | 34    | 32    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Leveling Legs:                  | Leveling Legs              |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

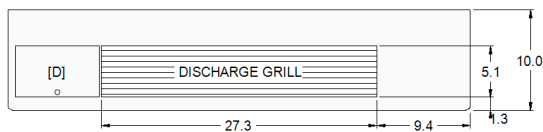
### Optional

Part Number

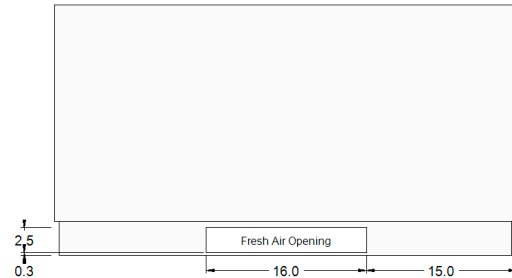
Description

250803500

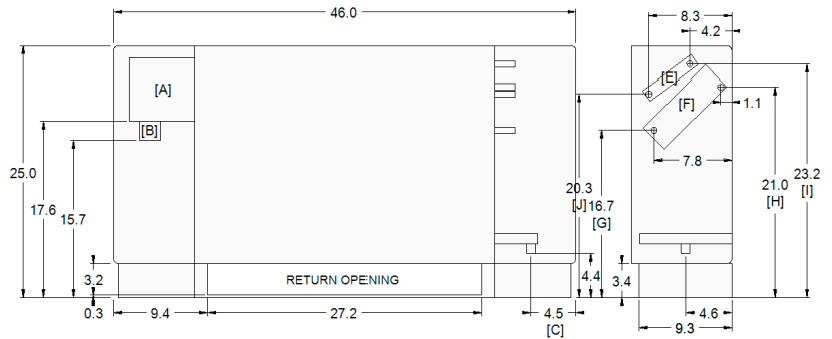
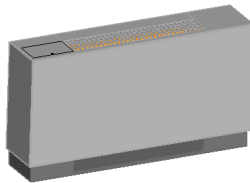
BACnet t-stat MIT-FA-005 (Low Voltage only)



TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                        |                                          |                                               |                                                   |
|------------------------|------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| <b>Product Drawing</b> | <b>Unit Tag: FCU 2-05</b>                | <b>Sales Office: Harrison Energy Partners</b> | <b>DAIKIN</b>                                     |
| <b>Product:</b>        | <b>Project Name: Buckstaff Bathhouse</b> | <b>Sales Engineer:</b>                        | 13600 Industrial Park Blvd. Minneapolis, MN 55441 |
| <b>Model: FCVC104</b>  | July 16, 2026                            | Ver/Rev:                                      | www.DaikinApplied.com                             |
|                        | Sheet: 1 of 1                            | Scale: NTS                                    | Software Version: 13.00                           |
|                        |                                          | Tolerance: +/- 0.25"                          |                                                   |
|                        |                                          | Dwg Units: in                                 |                                                   |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

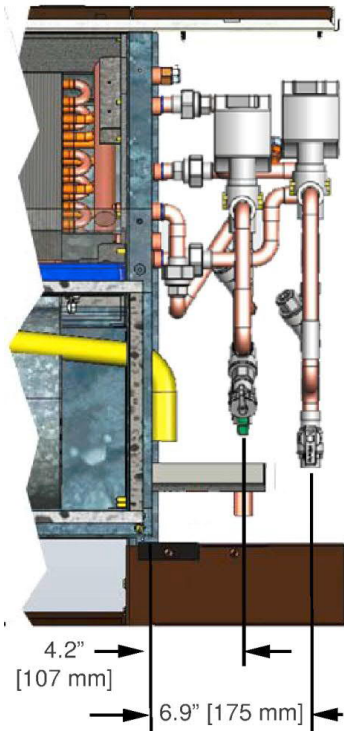
|                                                                                                                                                                                   |  |                                        |                     |                    |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|---------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004         |                     |                    | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |                     |                    |                                                                                                                                                                                                  |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |                     |                    |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev:            | Sheet 1 of 1       |                                                                                                                                                                                                  |
|                                                                                                                                                                                   |  | Scale: NTS                             | Tolerance: +/-0.25" | Dwg Units: in [mm] |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |                     |                    |                                                                                                                                                                                                  |



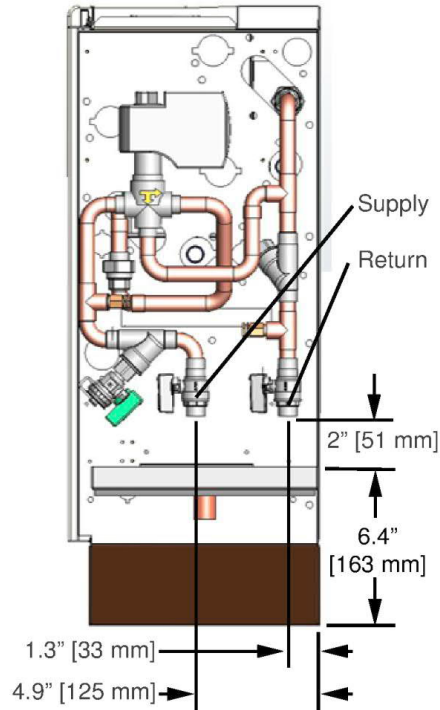
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

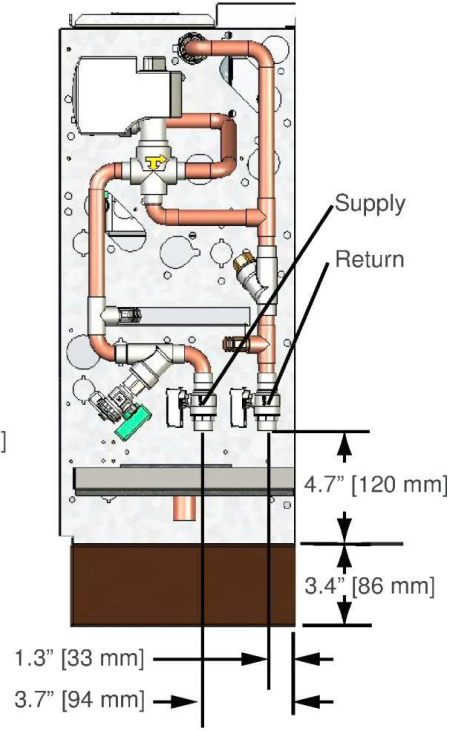
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-05                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC104  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-06            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC103       | 03        | 115/60/1              | 168             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC103      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 03           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 40.5 in | 25.00 in                  | 94 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 21.5 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 1.1 ft <sup>2</sup> | 155.6 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 5292               | 4075               | 80.0            | 67.0                | 57.8                                 | 57.1                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 52.1               | Water           | 1.3                 | 4.73                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                   |
|---------------------------------------|--------------------------|------------------|----------------------------|-----------------------------------|
| Physical                              |                          |                  |                            |                                   |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                       |
| 12                                    | 1                        | 1                | 0.6 ft²                    | 1/2 inch Nominal Sweat (5/8 O.D.) |
| Performance                           |                          |                  |                            |                                   |
| Total Capacity                        | Temperature              |                  |                            |                                   |
|                                       | Air                      |                  | Fluid                      |                                   |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                           |
| 4376                                  | 70.0                     | 93.8             | 160.0                      | 116.2                             |
| Fluid                                 |                          |                  |                            |                                   |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                   |
| Water                                 | 0.2                      | 0.24             | Right Hand (Front of Face) |                                   |
| Water Pressure Drop Calculation       |                          |                  |                            |                                   |
|                                       | Primary Coil             |                  | Secondary Coil             |                                   |
| Coil Pressure Drop:                   | 0.65 ft H <sub>2</sub> O |                  | 0.15 ft H <sub>2</sub> O   |                                   |
| Control Valve Pressure Drop:          | 3.90 ft H <sub>2</sub> O |                  | 0.09 ft H <sub>2</sub> O   |                                   |
| Circuit Setter Pressure Drop:         | 0.02 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Strainer Pressure Drop:               | 0.13 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Ball Valves Pressure Drop (2, Total): | 0.03 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Total Water Pressure Drop:            | 4.73 ft H <sub>2</sub> O |                  | 0.24 ft H <sub>2</sub> O   |                                   |
| Supply Fan                            |                          |                  |                            |                                   |
| Fan                                   |                          |                  |                            |                                   |
|                                       |                          |                  |                            |                                   |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                   |
| 6.30 in                               | 7.95 in                  |                  | 1                          |                                   |
|                                       |                          |                  |                            |                                   |
| Motor                                 |                          |                  |                            |                                   |
| Type                                  | Horsepower               |                  | Quantity                   |                                   |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                   |
| Primary Valve Package                 |                          |                  |                            |                                   |
| Configuration                         |                          |                  |                            |                                   |
| Coil Control                          |                          |                  |                            |                                   |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                   |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                   |
| Coil Connection                       |                          |                  |                            |                                   |
| Size                                  |                          | Type             |                            |                                   |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                   |
| Valve Shutoff Control                 |                          |                  |                            |                                   |
| Shutoff Pressure                      | Valve                    |                  |                            |                                   |
|                                       | Position                 |                  | CV Value                   |                                   |
| High Close Off                        | Normally Closed          |                  | 1.0                        |                                   |
| Valve Piping Package                  |                          |                  |                            |                                   |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                   |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                   |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 47                               | 48     | 49     | 48    | 44    | 36    | 31    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



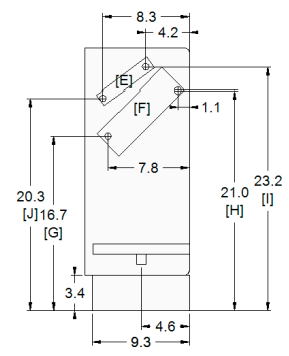
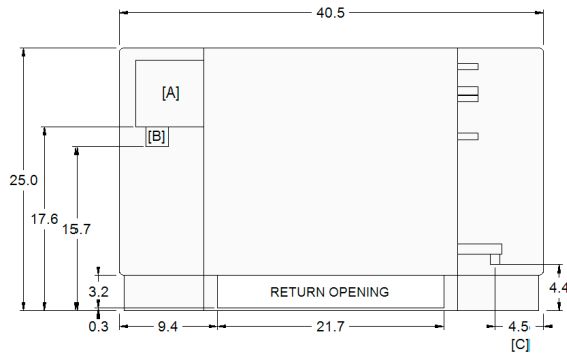
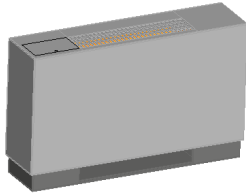
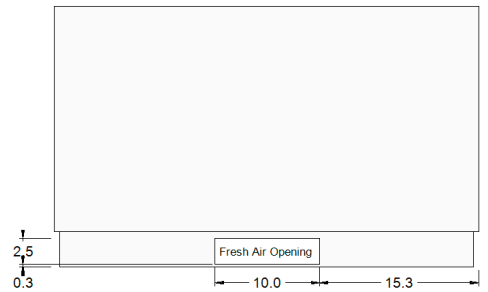
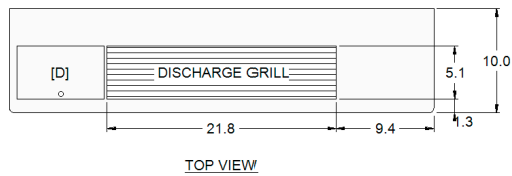
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

| NOTES                                 |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 2-06                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC103                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

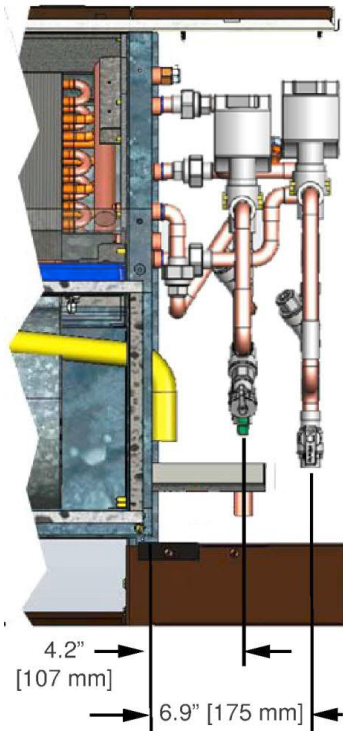
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

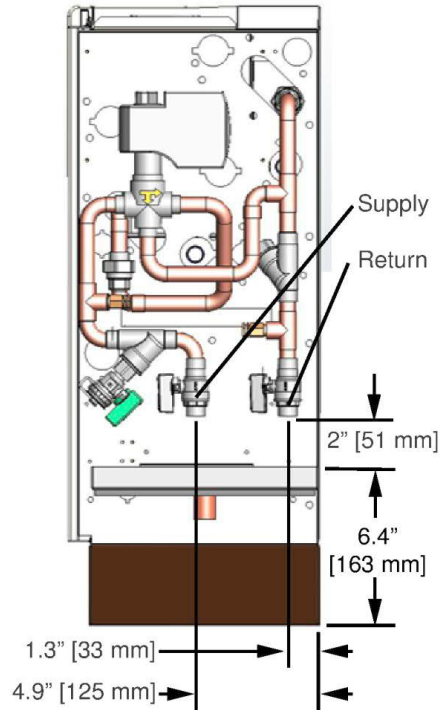
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

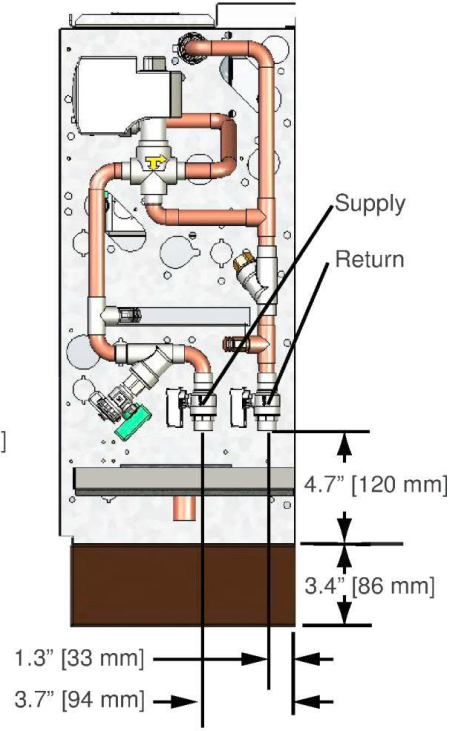
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-06                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC103  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-07            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC104       | 04        | 115/60/1              | 250             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC104      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 04           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 46.0 in | 25.00 in                  | 108 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 27 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 1.4 ft <sup>2</sup> | 174.8 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 8494               | 6455               | 80.0            | 67.0                | 56.4                                 | 56.2                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 53.4               | Water           | 1.8                 | 9.07                                 | Right Hand (Front of<br>Face)           |



| Hot Water Reheat Coil                 |                          |                  |                            |                                            |
|---------------------------------------|--------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                          |                  |                            |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                        | 1                | 0.8 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                            |                                            |
| Total Capacity                        | Temperature              |                  |                            |                                            |
|                                       | Air                      |                  | Fluid                      |                                            |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                                    |
| 8858                                  | 70.0                     | 102.4            | 160.0                      | 124.6                                      |
| Fluid                                 |                          |                  |                            |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.5                      | 1.42             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                            |                                            |
|                                       | Primary Coil             |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 1.25 ft H <sub>2</sub> O |                  | 0.82 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 7.48 ft H <sub>2</sub> O |                  | 0.58 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.04 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 0.25 ft H <sub>2</sub> O |                  | 0.02 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.05 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 9.07 ft H <sub>2</sub> O |                  | 1.42 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                          |                  |                            |                                            |
| Fan                                   |                          |                  |                            |                                            |
|                                       |                          |                  |                            |                                            |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                            |
| 6.30 in                               | 6.26 in                  |                  | 2                          |                                            |
|                                       |                          |                  |                            |                                            |
| Motor                                 |                          |                  |                            |                                            |
| Type                                  | Horsepower               |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                            |
| Primary Valve Package                 |                          |                  |                            |                                            |
| Configuration                         |                          |                  |                            |                                            |
| Coil Control                          |                          |                  |                            |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                            |
| Coil Connection                       |                          |                  |                            |                                            |
| Size                                  |                          | Type             |                            |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                          |                  |                            |                                            |
| Shutoff Pressure                      | Valve                    |                  |                            |                                            |
|                                       | Position                 |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed          |                  | 1.0                        |                                            |
| Valve Piping Package                  |                          |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 50                               | 51     | 48     | 46    | 41    | 32    | 30    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Leveling Legs:                  | Leveling Legs              |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

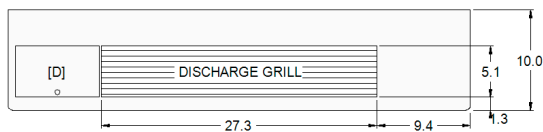
### Optional

Part Number

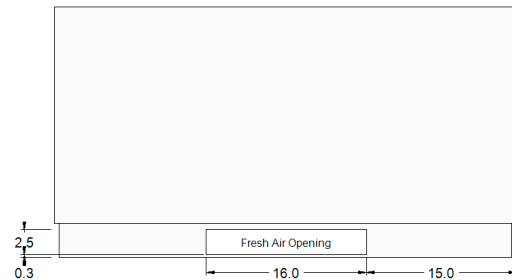
Description

250803500

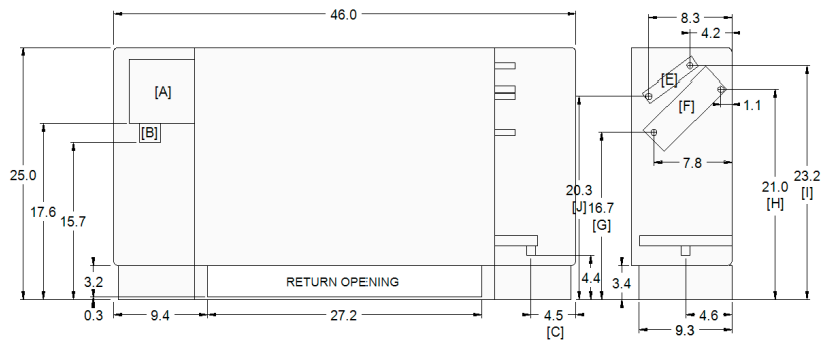
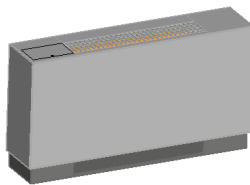
BACnet t-stat MIT-FA-005 (Low Voltage only)



TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                        |                                          |                                               |                                                   |
|------------------------|------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| <b>Product Drawing</b> | <b>Unit Tag: FCU 2-07</b>                | <b>Sales Office: Harrison Energy Partners</b> | <b>DAIKIN</b>                                     |
| <b>Product:</b>        | <b>Project Name: Buckstaff Bathhouse</b> | <b>Sales Engineer:</b>                        | 13600 Industrial Park Blvd. Minneapolis, MN 55441 |
| <b>Model: FCVC104</b>  | July 16, 2026                            | Ver/Rev:                                      | www.DaikinApplied.com                             |
|                        | Sheet: 1 of 1                            | Scale: NTS                                    | Software Version: 13.00                           |
|                        |                                          | Tolerance: +/- 0.25"                          |                                                   |
|                        |                                          | Dwg Units: in                                 |                                                   |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

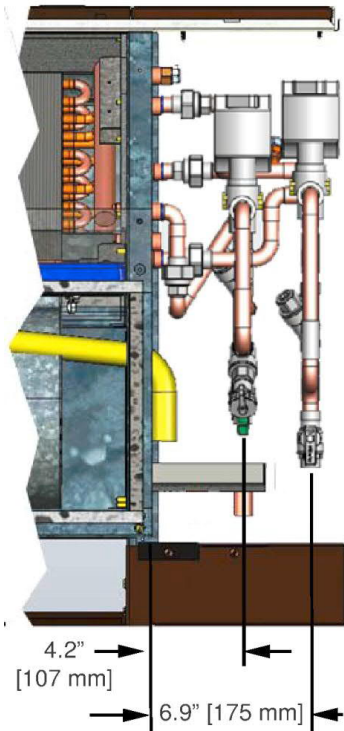
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                        |          |              |                                                                                                                                                                                                                             |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004         |          |              | <div></div> <div>13600 Industrial Park Blvd. Minneapolis, MN 55441</div> <div>www.DaikinApplied.com      Software Version: 05.00</div> |  |  |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |          |              |                                                                                                                                                                                                                             |  |  |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |          |              |                                                                                                                                                                                                                             |  |  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                                             |  |  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |          |              |                                                                                                                                                                                                                             |  |  |

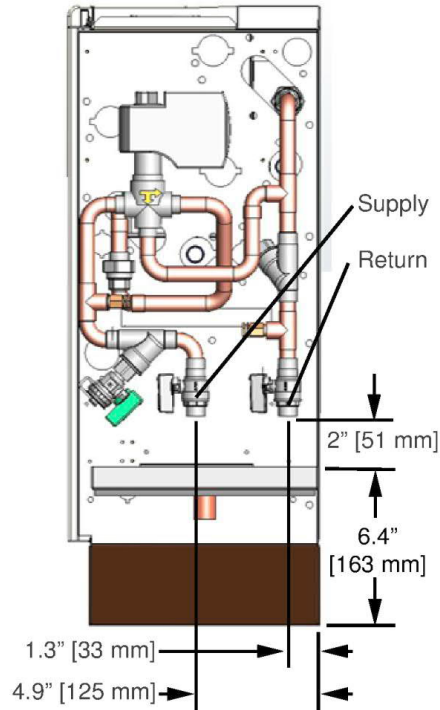
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

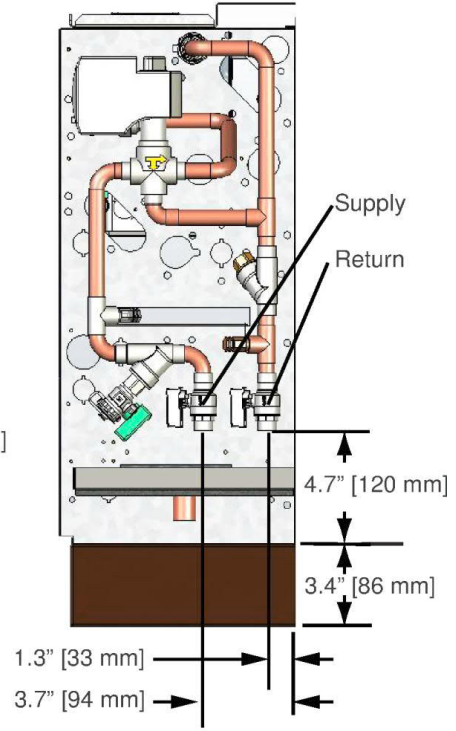
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-07                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC104  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-08            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC106       | 06        | 115/60/1              | 580             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC106      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 06           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |                           |          |                 |
|----------------------------|---------------------------|----------|-----------------|
| Unit                       |                           |          |                 |
| Depth                      | Width                     | Height   | Shipping Weight |
| 10.0 in                    | 57.0 in                   | 25.00 in | 131 lb          |
| Filters                    |                           |          |                 |
| Type                       | (Quantity) Height x Width |          |                 |
| 1" Throwaway MERV 8 Filter | (1) 38 in x 8.75 in       |          |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                            | 4               | 2.1 ft <sup>2</sup> | 274.9 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 22304              | 15433                        | 80.0            | 67.0                | 55.7                                 | 54.6                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 55.7                         | Water           | 3.8                 | 13.77                                | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                           |                  |                            |                                            |
|---------------------------------------|---------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                           |                  |                            |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                         | 1                | 1.3 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                            |                                            |
| Total Capacity                        | Temperature               |                  |                            |                                            |
|                                       | Air                       |                  | Fluid                      |                                            |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                                    |
| 11457                                 | 70.0                      | 88.1             | 160.0                      | 114.2                                      |
| Fluid                                 |                           |                  |                            |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.5                       | 1.70             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                            |                                            |
|                                       | Primary Coil              |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 6.92 ft H <sub>2</sub> O  |                  | 1.09 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 5.34 ft H <sub>2</sub> O  |                  | 0.58 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.17 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 1.10 ft H <sub>2</sub> O  |                  | 0.02 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.23 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 13.77 ft H <sub>2</sub> O |                  | 1.70 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                           |                  |                            |                                            |
| Fan                                   |                           |                  |                            |                                            |
|                                       |                           |                  |                            |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                            |
| 6.30 in                               | 7.95 in                   |                  | 2                          |                                            |
|                                       |                           |                  |                            |                                            |
| Motor                                 |                           |                  |                            |                                            |
| Type                                  | Horsepower                |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                    |                  | 1                          |                                            |
| Primary Valve Package                 |                           |                  |                            |                                            |
| Configuration                         |                           |                  |                            |                                            |
| Coil Control                          |                           |                  |                            |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                     |                  | 24V                        |                                            |
| Coil Connection                       |                           |                  |                            |                                            |
| Size                                  |                           | Type             |                            |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                           |                  |                            |                                            |
| Shutoff Pressure                      | Valve                     |                  |                            |                                            |
|                                       | Position                  |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                            |
| Valve Piping Package                  |                           |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                            |



## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 56                               | 58     | 59     | 58    | 54    | 47    | 41    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



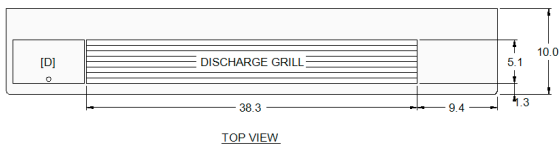
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

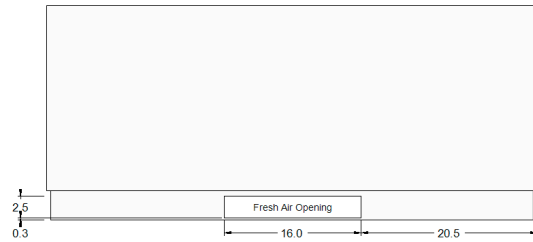
Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

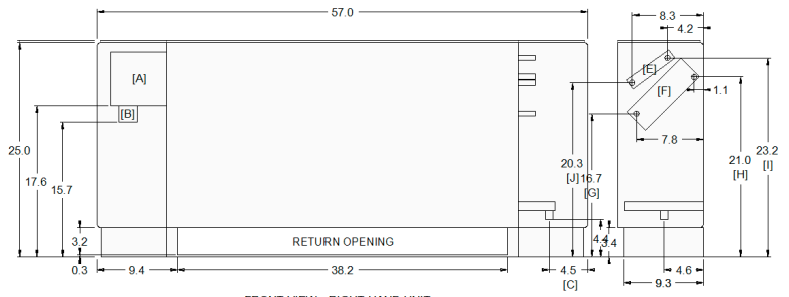
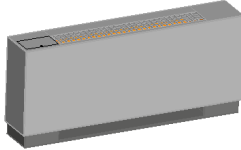
| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 2-08                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC106                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

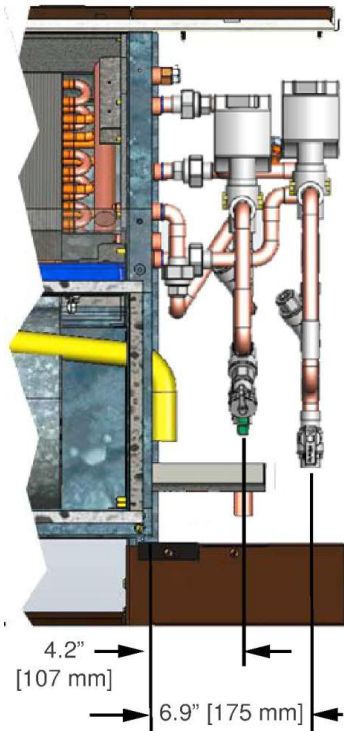
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

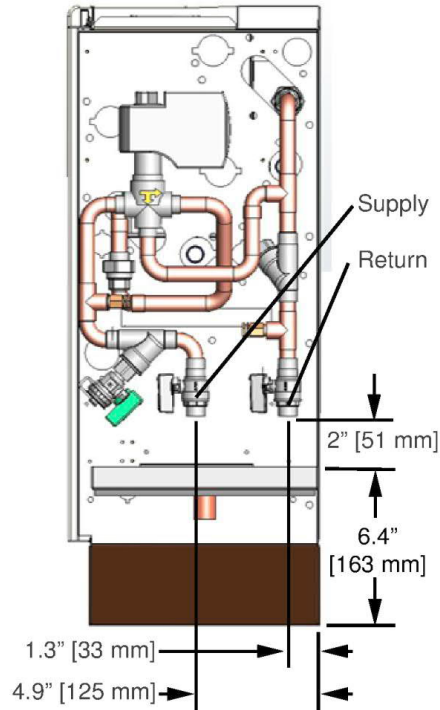
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

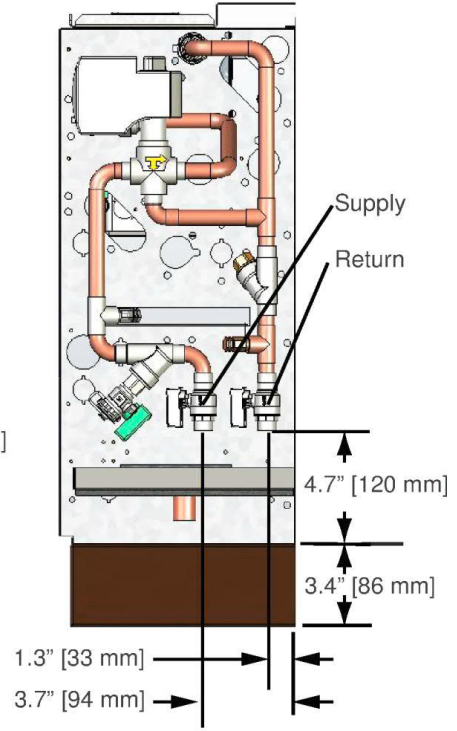
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-08                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC106  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-09            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC104       | 04        | 115/60/1              | 275             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC104      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 04           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 46.0 in | 25.00 in                  | 108 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 27 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                            | 4               | 1.4 ft <sup>2</sup> | 192.3 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 10058              | 7379                         | 80.0            | 67.0                | 55.5                                 | 55.3                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 52.7                         | Water           | 2.3                 | 4.42                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                   |
|---------------------------------------|--------------------------|------------------|----------------------------|-----------------------------------|
| Physical                              |                          |                  |                            |                                   |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                       |
| 12                                    | 1                        | 1                | 0.8 ft²                    | 1/2 inch Nominal Sweat (5/8 O.D.) |
| Performance                           |                          |                  |                            |                                   |
| Total Capacity                        | Temperature              |                  |                            |                                   |
|                                       | Air                      |                  | Fluid                      |                                   |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                           |
| 5441                                  | 70.0                     | 88.1             | 160.0                      | 105.6                             |
| Fluid                                 |                          |                  |                            |                                   |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                   |
| Water                                 | 0.2                      | 0.27             | Right Hand (Front of Face) |                                   |
| Water Pressure Drop Calculation       |                          |                  |                            |                                   |
|                                       | Primary Coil             |                  | Secondary Coil             |                                   |
| Coil Pressure Drop:                   | 1.91 ft H <sub>2</sub> O |                  | 0.18 ft H <sub>2</sub> O   |                                   |
| Control Valve Pressure Drop:          | 1.96 ft H <sub>2</sub> O |                  | 0.09 ft H <sub>2</sub> O   |                                   |
| Circuit Setter Pressure Drop:         | 0.06 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Strainer Pressure Drop:               | 0.40 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Ball Valves Pressure Drop (2, Total): | 0.08 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                   |
| Total Water Pressure Drop:            | 4.42 ft H <sub>2</sub> O |                  | 0.27 ft H <sub>2</sub> O   |                                   |
| Supply Fan                            |                          |                  |                            |                                   |
| Fan                                   |                          |                  |                            |                                   |
|                                       |                          |                  |                            |                                   |
| Fan Height                            | Fan Width                |                  | Quantity                   |                                   |
| 6.30 in                               | 6.26 in                  |                  | 2                          |                                   |
|                                       |                          |                  |                            |                                   |
| Motor                                 |                          |                  |                            |                                   |
| Type                                  | Horsepower               |                  | Quantity                   |                                   |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                   |
| Primary Valve Package                 |                          |                  |                            |                                   |
| Configuration                         |                          |                  |                            |                                   |
| Coil Control                          |                          |                  |                            |                                   |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                   |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                   |
| Coil Connection                       |                          |                  |                            |                                   |
| Size                                  |                          | Type             |                            |                                   |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                   |
| Valve Shutoff Control                 |                          |                  |                            |                                   |
| Shutoff Pressure                      | Valve                    |                  |                            |                                   |
|                                       | Position                 |                  | CV Value                   |                                   |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                   |
| Valve Piping Package                  |                          |                  |                            |                                   |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                   |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                   |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 51                               | 52     | 49     | 47    | 42    | 33    | 31    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Leveling Legs:                  | Leveling Legs              |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

### Optional

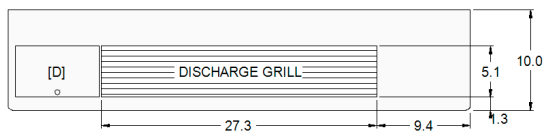
Part Number

Description

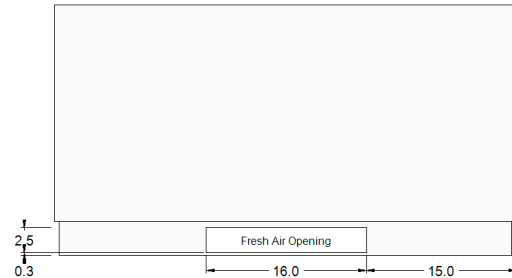
250803500

BACnet t-stat MIT-FA-005 (Low Voltage only)

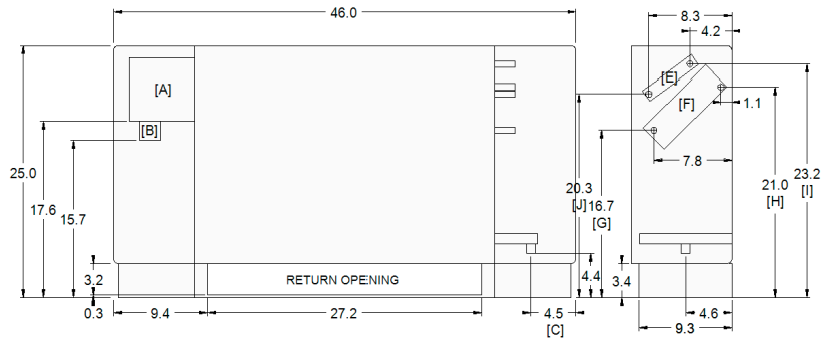
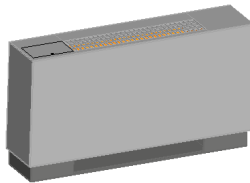




TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                        |                                          |                                                             |                                                                                                                                                                                             |
|------------------------|------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b> | <b>Unit Tag: FCU 2-09</b>                | <b>Sales Office: Harrison Energy Partners</b>               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com Software Version: 13.00 |
| <b>Product:</b>        | <b>Project Name: Buckstaff Bathhouse</b> | <b>Sales Engineer:</b>                                      |                                                                                                                                                                                             |
| <b>Model: FCVC104</b>  | July 16, 2026 Ver/Rev:                   | Sheet: 1 of 1 Scale: NTS Tolerance: +/- 0.25" Dwg Units: in |                                                                                                                                                                                             |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

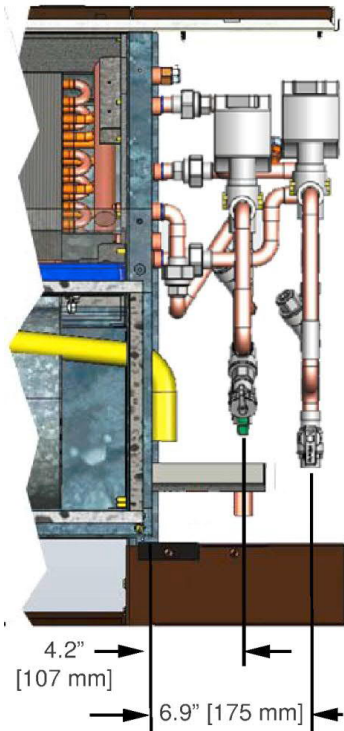
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

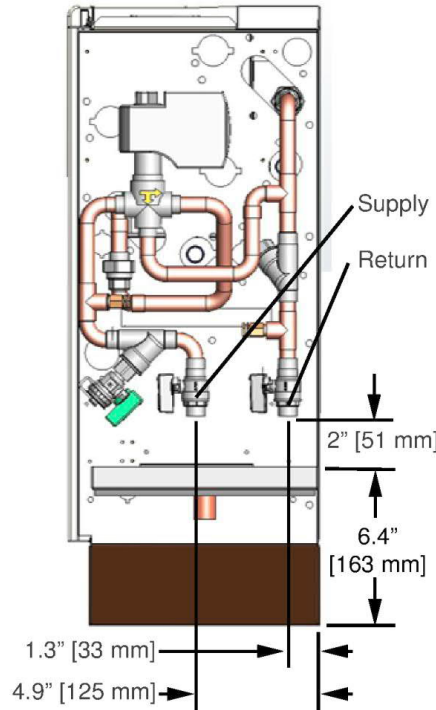
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

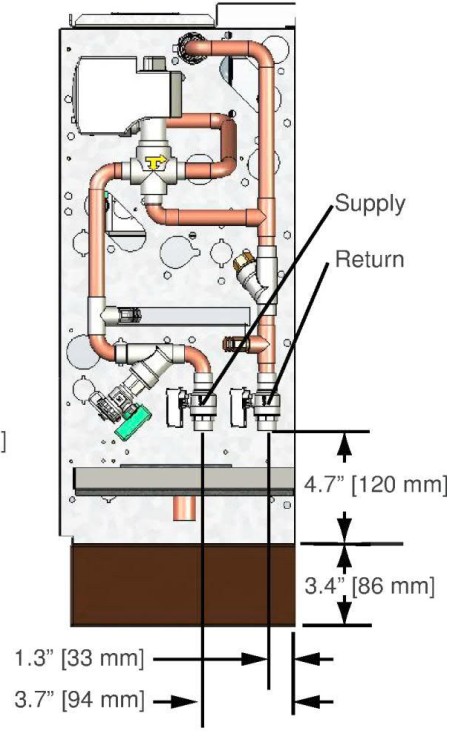
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-09                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC104  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-10            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC106       | 06        | 115/60/1              | 470             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC106      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 06           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 57.0 in | 25.00 in                  | 131 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 38 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 2.1 ft <sup>2</sup> | 222.7 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 18086              | 12641              | 80.0            | 67.0                | 55.4                                 | 54.6                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 52.0               | Water           | 4.5                 | 16.97                                | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                           |                  |                            |                                            |
|---------------------------------------|---------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                           |                  |                            |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                         | 1                | 1.3 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                            |                                            |
| Total Capacity                        | Temperature               |                  |                            |                                            |
|                                       | Air                       |                  | Fluid                      |                                            |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                                    |
| 9701                                  | 70.0                      | 88.9             | 160.0                      | 111.5                                      |
| Fluid                                 |                           |                  |                            |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.4                       | 1.13             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                            |                                            |
|                                       | Primary Coil              |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 7.38 ft H <sub>2</sub> O  |                  | 0.74 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 7.48 ft H <sub>2</sub> O  |                  | 0.37 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.24 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 1.55 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.32 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 16.97 ft H <sub>2</sub> O |                  | 1.13 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                           |                  |                            |                                            |
| Fan                                   |                           |                  |                            |                                            |
|                                       |                           |                  |                            |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                            |
| 6.30 in                               | 7.95 in                   |                  | 2                          |                                            |
|                                       |                           |                  |                            |                                            |
| Motor                                 |                           |                  |                            |                                            |
| Type                                  | Horsepower                |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                    |                  | 1                          |                                            |
| Primary Valve Package                 |                           |                  |                            |                                            |
| Configuration                         |                           |                  |                            |                                            |
| Coil Control                          |                           |                  |                            |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                            |
| Proportional, Modulating              | 3-Way                     |                  | 24V                        |                                            |
| Coil Connection                       |                           |                  |                            |                                            |
| Size                                  |                           | Type             |                            |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                           |                  |                            |                                            |
| Shutoff Pressure                      | Valve                     |                  |                            |                                            |
|                                       | Position                  |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                            |
| Valve Piping Package                  |                           |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 54                               | 56     | 57     | 56    | 52    | 45    | 39    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



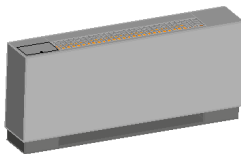
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



## NOTES

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            | Unit Tag: FCU 2-10                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br><a href="http://www.DaikinApplied.com">www.DaikinApplied.com</a> Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                                                        |
| Model: FCVC106                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                                                        |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                                                        |

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                        |          |              |                                                                                                                                                                                                                             |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004         |          |              | <div></div> <div>13600 Industrial Park Blvd. Minneapolis, MN 55441</div> <div>www.DaikinApplied.com      Software Version: 05.00</div> |  |  |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |          |              |                                                                                                                                                                                                                             |  |  |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |          |              |                                                                                                                                                                                                                             |  |  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                                             |  |  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |          |              |                                                                                                                                                                                                                             |  |  |



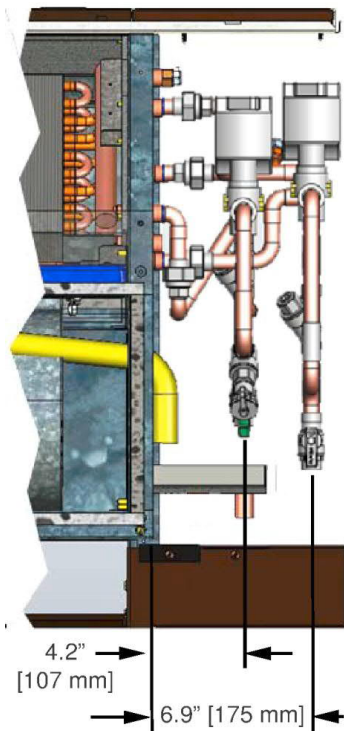
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve</b><br>Modulates water flow in response to 24V signal.                                                                                  |
|  |  | <b>3-Way Modulating Valve (3-wire or proportional)</b><br>Modulate or bypass water flow in response to 24V signal. Includes fixed orifice for balancing.          |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |                     |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VP : VP 007                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |                     |                    |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |                     |                    |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |                     |                    |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |                     |                    |
|                                                                                                                                                                                   |  |                                               |          |              | Scale: NTS                                                                                                                                                                                       | Tolerance: +/-0.25" | Dwg Units: in [mm] |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |                     |                    |

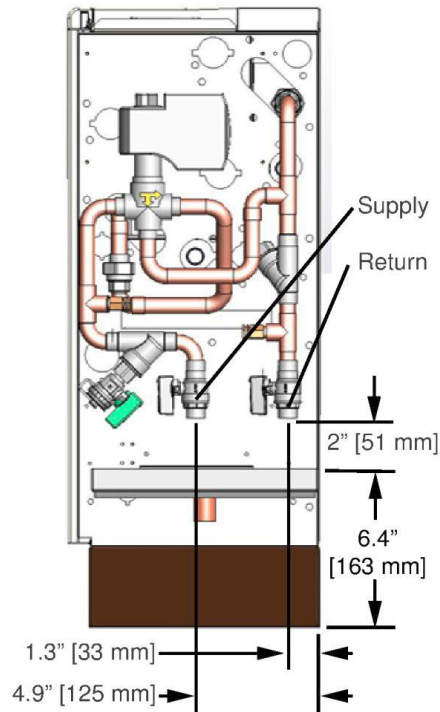
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

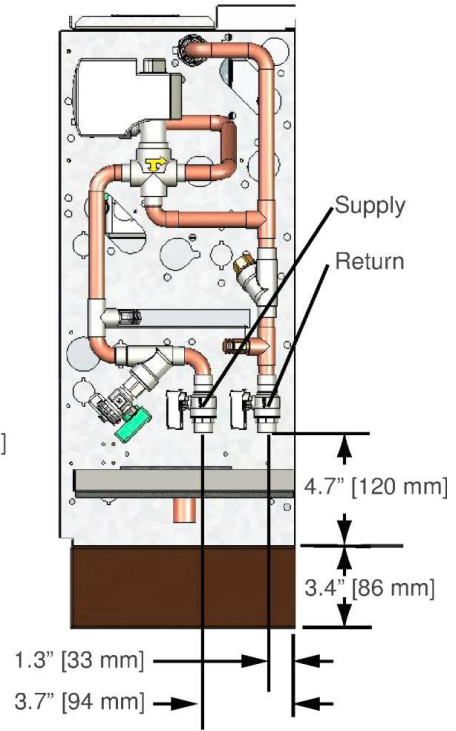
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                        |                                          |                                               |                                                                                                                                                                                             |                 |
|------------------------|------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>Product Drawing</b> | <b>Unit Tag:</b> FCU 2-10                | <b>Sales Office:</b> Harrison Energy Partners | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com Software Version: 13.00 |                 |
| <b>Product:</b>        | <b>Project Name:</b> Buckstaff Bathhouse | <b>Sales Engineer:</b>                        |                                                                                                                                                                                             |                 |
| <b>Model:</b> FCVC106  | July 16, 2026                            | Ver/Rev:                                      |                                                                                                                                                                                             |                 |
|                        | Sheet: 1 of 1                            | Scale: NTS                                    | Tolerance: +/- 0.25"                                                                                                                                                                        | Dwg Units: (in) |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-11            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC104       | 04        | 115/60/1              | 300             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC104      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 04           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 46.0 in | 25.00 in                  | 108 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 27 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 1.4 ft <sup>2</sup> | 209.8 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 10877              | 8012               | 80.0            | 67.0                | 55.6                                 | 55.4                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 52.7               | Water           | 2.5                 | 5.16                                 | Left Hand (Front of Face)               |

| Hot Water Reheat Coil                 |                          |                  |                           |                                            |
|---------------------------------------|--------------------------|------------------|---------------------------|--------------------------------------------|
| Physical                              |                          |                  |                           |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                 | Connections                                |
| 12                                    | 1                        | 1                | 0.8 ft²                   | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                           |                                            |
| Total Capacity                        | Temperature              |                  |                           |                                            |
|                                       | Air                      |                  | Fluid                     |                                            |
|                                       | Entering                 | Leaving          | Entering                  | Leaving                                    |
| 5626                                  | 68.0                     | 85.2             | 160.0                     | 103.7                                      |
| Fluid                                 |                          |                  |                           |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling             |                                            |
| Water                                 | 0.2                      | 0.28             | Left Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                           |                                            |
|                                       | Primary Coil             |                  | Secondary Coil            |                                            |
| Coil Pressure Drop:                   | 2.20 ft H <sub>2</sub> O |                  | 0.18 ft H <sub>2</sub> O  |                                            |
| Control Valve Pressure Drop:          | 2.31 ft H <sub>2</sub> O |                  | 0.09 ft H <sub>2</sub> O  |                                            |
| Circuit Setter Pressure Drop:         | 0.07 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Strainer Pressure Drop:               | 0.48 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.10 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O  |                                            |
| Total Water Pressure Drop:            | 5.16 ft H <sub>2</sub> O |                  | 0.28 ft H <sub>2</sub> O  |                                            |
| Supply Fan                            |                          |                  |                           |                                            |
| Fan                                   |                          |                  |                           |                                            |
| Fan Height                            |                          | Fan Width        | Quantity                  |                                            |
| 6.30 in                               |                          | 6.26 in          | 2                         |                                            |
| Motor                                 |                          |                  |                           |                                            |
| Type                                  | Horsepower               |                  | Quantity                  |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                         |                                            |
| Primary Valve Package                 |                          |                  |                           |                                            |
| Configuration                         |                          |                  |                           |                                            |
| Coil Control                          |                          |                  |                           |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                   |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                       |                                            |
| Coil Connection                       |                          |                  |                           |                                            |
| Size                                  |                          | Type             |                           |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                           |                                            |
| Valve Shutoff Control                 |                          |                  |                           |                                            |
| Shutoff Pressure                      | Valve                    |                  |                           |                                            |
|                                       | Position                 |                  | CV Value                  |                                            |
| High Close Off                        | Normally Closed          |                  | 2.5                       |                                            |
| Valve Piping Package                  |                          |                  |                           |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type           |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                     |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 52                               | 53     | 50     | 48    | 43    | 34    | 32    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Leveling Legs:                  | Leveling Legs              |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.

Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

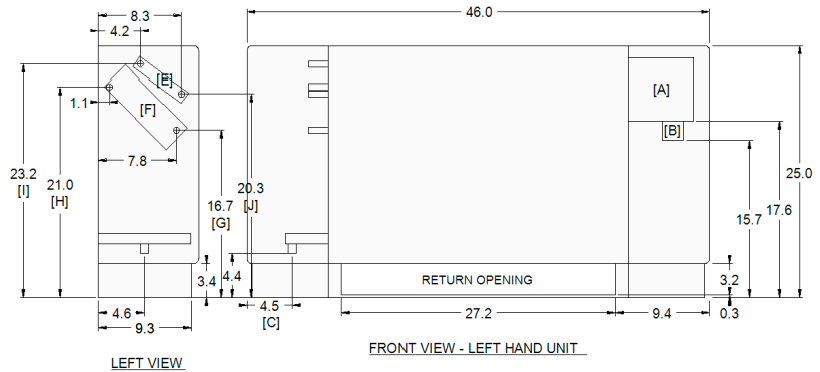
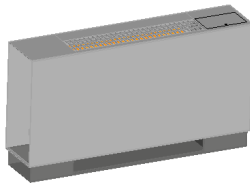
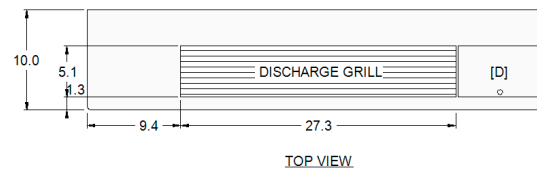
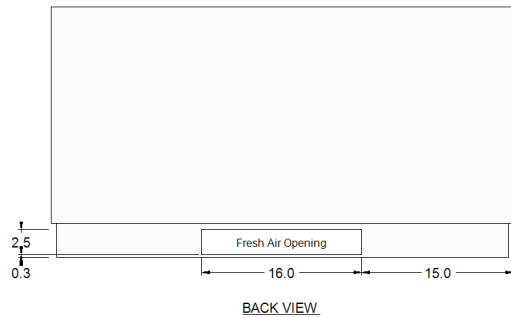
### Optional

Part Number

Description

250803500

BACnet t-stat MIT-FA-005 (Low Voltage only)



| NOTES                                 |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 2-11                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC104                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

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|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

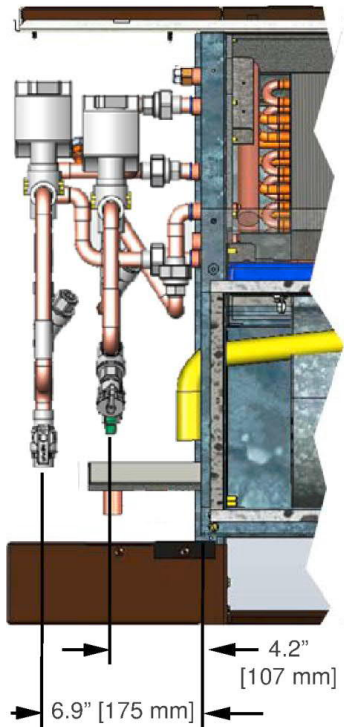


## Connecting Pipe Locations: 4-Pipe, Left Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

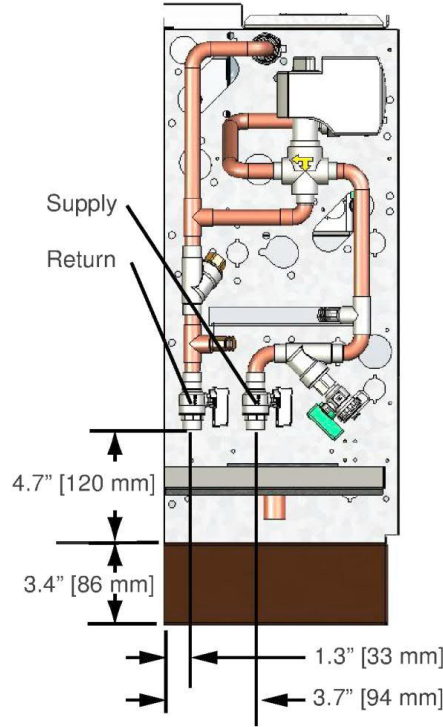
### Front View

Primary and Reheat Coil  
Piping Shown



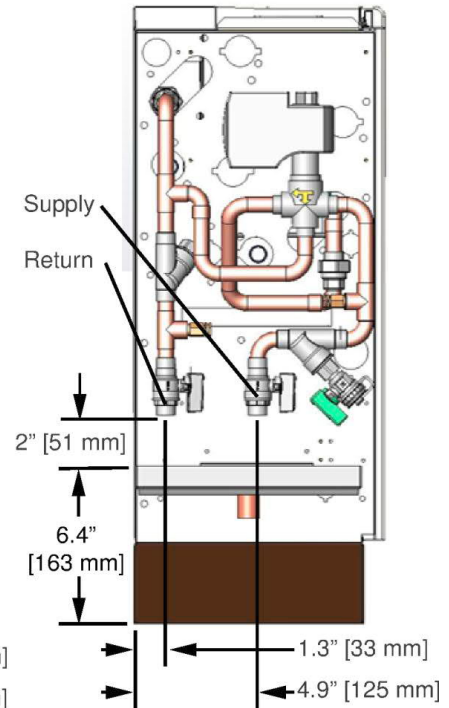
### End View:

Reheat Coil Piping Shown  
Primary Coil Piping Hidden



### End View

Primary Coil Piping Shown  
Reheat Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-11                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC104  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-12            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC104       | 04        | 115/60/1              | 400             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC104      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 04           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |                           |          |                 |
|----------------------------|---------------------------|----------|-----------------|
| Unit                       |                           |          |                 |
| Depth                      | Width                     | Height   | Shipping Weight |
| 10.0 in                    | 46.0 in                   | 25.00 in | 108 lb          |
| Filters                    |                           |          |                 |
| Type                       | (Quantity) Height x Width |          |                 |
| 1" Throwaway MERV 8 Filter | (1) 27 in x 8.75 in       |          |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                              |                 |                     |                                      |                                         |
|--------------------|------------------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                              |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows               | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                            | 4               | 1.4 ft <sup>2</sup> | 279.7 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                              |                 |                     |                                      |                                         |
| Capacity           |                              | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr           | Entering        |                     | Leaving                              |                                         |
|                    |                              | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 14727              | 10771                        | 80.0            | 67.0                | 55.4                                 | 55.2                                    |
| Fluid              |                              |                 |                     |                                      |                                         |
| Entering<br>°F     | Temperature<br>Leaving<br>°F | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| 44.0               | 51.8                         | Water           | 3.8                 | 11.35                                | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                           |                  |                            |                                            |
|---------------------------------------|---------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                           |                  |                            |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                         | 1                | 0.8 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                            |                                            |
| Total Capacity                        | Temperature               |                  |                            |                                            |
|                                       | Air                       |                  | Fluid                      |                                            |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                                    |
| 9044                                  | 70.0                      | 90.7             | 160.0                      | 114.8                                      |
| Fluid                                 |                           |                  |                            |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.4                       | 0.96             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                            |                                            |
|                                       | Primary Coil              |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 4.51 ft H <sub>2</sub> O  |                  | 0.58 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 5.34 ft H <sub>2</sub> O  |                  | 0.37 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.17 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 1.10 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.23 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 11.35 ft H <sub>2</sub> O |                  | 0.96 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                           |                  |                            |                                            |
| Fan                                   |                           |                  |                            |                                            |
|                                       |                           |                  |                            |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                            |
| 6.30 in                               | 6.26 in                   |                  | 2                          |                                            |
|                                       |                           |                  |                            |                                            |
| Motor                                 |                           |                  |                            |                                            |
| Type                                  | Horsepower                |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                    |                  | 1                          |                                            |
| Primary Valve Package                 |                           |                  |                            |                                            |
| Configuration                         |                           |                  |                            |                                            |
| Coil Control                          |                           |                  |                            |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                     |                  | 24V                        |                                            |
| Coil Connection                       |                           |                  |                            |                                            |
| Size                                  |                           | Type             |                            |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                           |                  |                            |                                            |
| Shutoff Pressure                      | Valve                     |                  |                            |                                            |
|                                       | Position                  |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                            |
| Valve Piping Package                  |                           |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 54                               | 55     | 52     | 50    | 45    | 36    | 34    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Leveling Legs:                  | Leveling Legs              |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.

Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

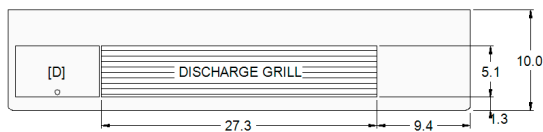
### Optional

Part Number

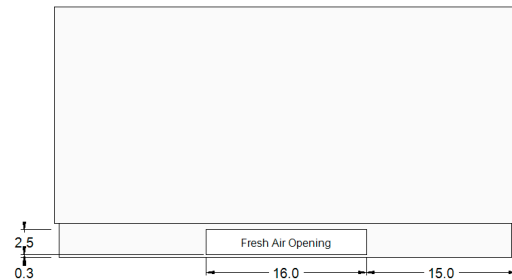
Description

250803500

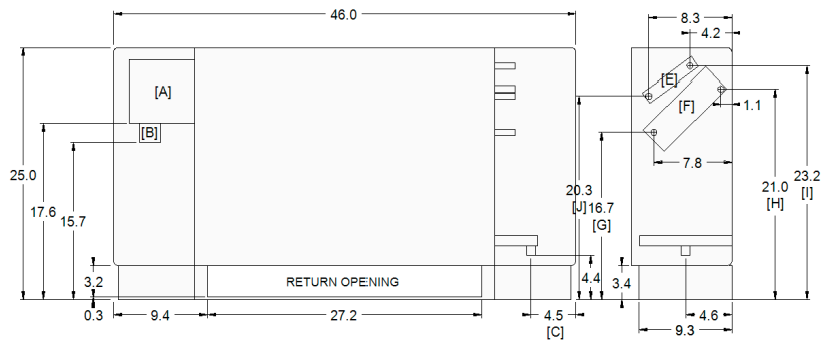
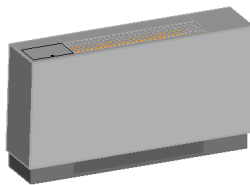
BACnet t-stat MIT-FA-005 (Low Voltage only)



TOP VIEW



BACK VIEW



FRONT VIEW - RIGHT HAND UNIT

RIGHT VIEW

NOTES

|                                       |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                        |                                          |                                               |                                                                                                                                                                                             |
|------------------------|------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b> | <b>Unit Tag: FCU 2-12</b>                | <b>Sales Office: Harrison Energy Partners</b> | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com Software Version: 13.00 |
| <b>Product:</b>        | <b>Project Name: Buckstaff Bathhouse</b> | <b>Sales Engineer:</b>                        |                                                                                                                                                                                             |
| <b>Model: FCVC104</b>  | July 16, 2026 Ver/Rev: Sheet: 1 of 1     | Scale: NTS Tolerance: +/- 0.25" Dwg Units: in |                                                                                                                                                                                             |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

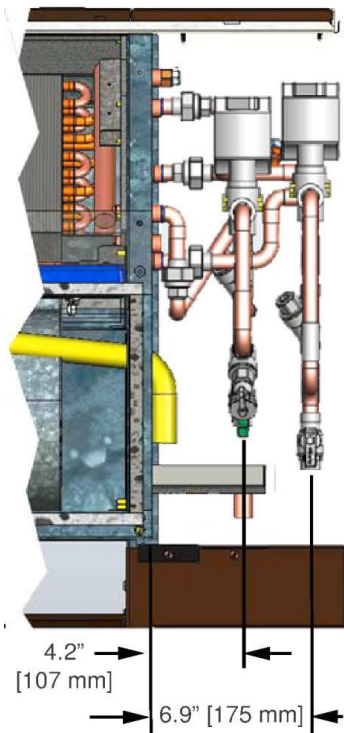
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |                            |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004                |                            | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |                            |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |                            |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev:      Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |                            |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |                            |                                                                                                                                                                                                  |

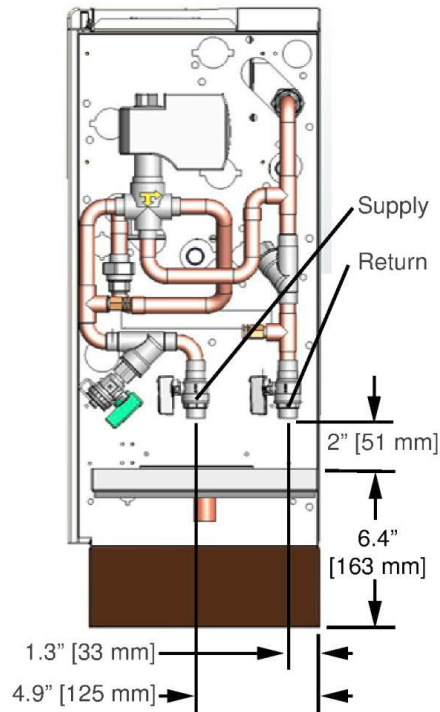
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

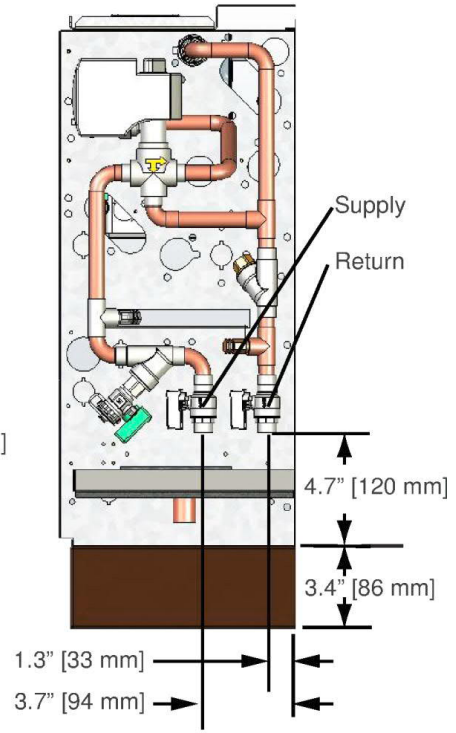
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-12                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC104  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |



| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-13            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC108       | 08        | 115/60/1              | 750             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC108      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 08           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 62.5 in | 25.00 in                  | 153 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (2) 21.7 in x 8.75 in     |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 7.0 A          | 8.8 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 4                  | 4               | 2.5 ft <sup>2</sup> | 304.9 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 28110              | 19685              | 80.0            | 67.0                | 56.0                                 | 54.9                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 56.5               | Water           | 4.5                 | 19.73                                | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                           |                  |                            |                                            |
|---------------------------------------|---------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                           |                  |                            |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                         | 1                | 1.5 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                            |                                            |
| Total Capacity                        | Temperature               |                  |                            |                                            |
|                                       | Air                       |                  | Fluid                      |                                            |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                                    |
| 18684                                 | 70.0                      | 92.8             | 160.0                      | 122.6                                      |
| Fluid                                 |                           |                  |                            |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 1.0                       | 6.35             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                            |                                            |
|                                       | Primary Coil              |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 10.13 ft H <sub>2</sub> O |                  | 3.94 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 7.48 ft H <sub>2</sub> O  |                  | 2.31 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.24 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 1.55 ft H <sub>2</sub> O  |                  | 0.08 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.32 ft H <sub>2</sub> O  |                  | 0.02 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 19.73 ft H <sub>2</sub> O |                  | 6.35 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                           |                  |                            |                                            |
| Fan                                   |                           |                  |                            |                                            |
|                                       |                           |                  |                            |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                            |
| 6.30 in                               | 6.26 in                   |                  | 2                          |                                            |
|                                       |                           |                  |                            |                                            |
| Motor                                 |                           |                  |                            |                                            |
| Type                                  | Horsepower                |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | (2) 1/4 hp                |                  | 2                          |                                            |
| Primary Valve Package                 |                           |                  |                            |                                            |
| Configuration                         |                           |                  |                            |                                            |
| Coil Control                          |                           |                  |                            |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                            |
| Proportional, Modulating              | 3-Way                     |                  | 24V                        |                                            |
| Coil Connection                       |                           |                  |                            |                                            |
| Size                                  |                           | Type             |                            |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                           |                  |                            |                                            |
| Shutoff Pressure                      | Valve                     |                  |                            |                                            |
|                                       | Position                  |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                            |
| Valve Piping Package                  |                           |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 58                               | 60     | 60     | 60    | 56    | 47    | 41    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



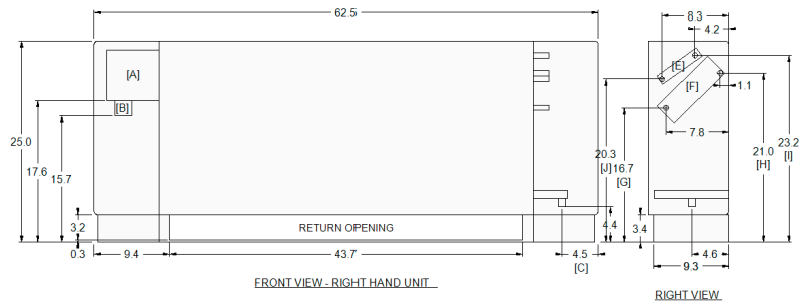
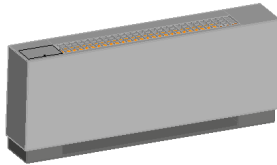
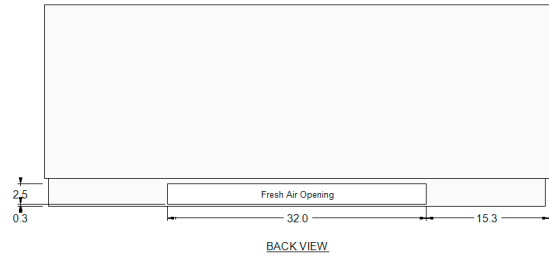
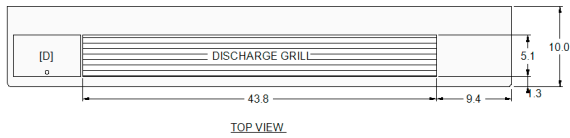
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



| NOTES                                 |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 2-13                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC108                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                        |          |                     |                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004         |          |                     | <div></div> <div>13600 Industrial Park Blvd. Minneapolis, MN 55441<br/>www.DaikinApplied.com      Software Version: 05.00</div> |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |          |                     |                                                                                                                                                                                                                      |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |          |                     |                                                                                                                                                                                                                      |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev: | Sheet 1 of 1        |                                                                                                                                                                                                                      |
|                                                                                                                                                                                   |  | Scale: NTS                             |          | Tolerance: +/-0.25" | Dwg Units: in [mm]                                                                                                                                                                                                   |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |          |                     |                                                                                                                                                                                                                      |

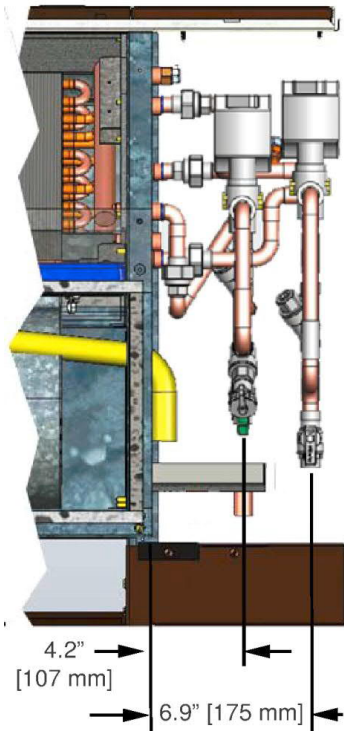
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve</b><br>Modulates water flow in response to 24V signal.                                                                                  |
|  |  | <b>3-Way Modulating Valve (3-wire or proportional)</b><br>Modulate or bypass water flow in response to 24V signal. Includes fixed orifice for balancing.          |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |                     |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VP : VP 007                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |                     |                    |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |                     |                    |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |                     |                    |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |                     |                    |
|                                                                                                                                                                                   |  |                                               |          |              | Scale: NTS                                                                                                                                                                                       | Tolerance: +/-0.25" | Dwg Units: in [mm] |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |                     |                    |

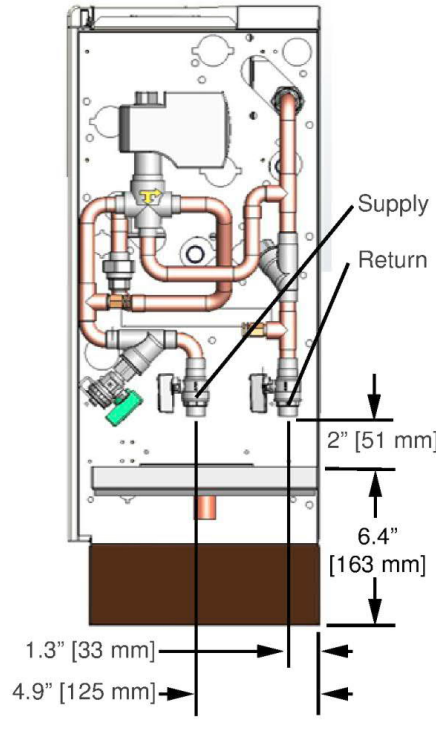
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

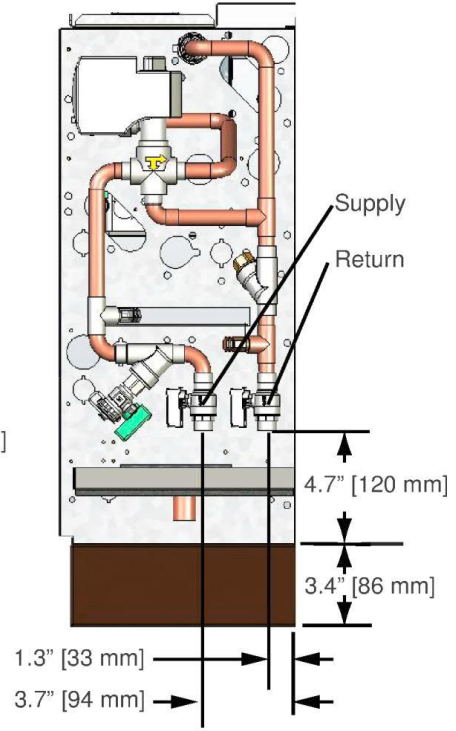
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                  |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-13                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                  |
| Model: FCVC108  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                  |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-14            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC106       | 06        | 115/60/1              | 450             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC106      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 06           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 57.0 in | 25.00 in                  | 131 lb          |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 38 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                     |                                      |                                         |
|--------------------|--------------------|-----------------|---------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                     |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area           | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 2.1 ft <sup>2</sup> | 213.3 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                     |                                      |                                         |
| Capacity           |                    | Air Temperature |                     |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                     | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F      | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 17653              | 12263              | 80.0            | 67.0                | 55.1                                 | 54.3                                    |
| Fluid              |                    |                 |                     |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm    | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                     |                                      |                                         |
| 44.0               | 51.8               | Water           | 4.5                 | 16.98                                | Right Hand (Front of<br>Face)           |



| Hot Water Reheat Coil                 |                           |                  |                            |                                            |
|---------------------------------------|---------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                           |                  |                            |                                            |
| Fins per Inch                         | Number of Rows            | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                         | 1                | 1.3 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                           |                  |                            |                                            |
| Total Capacity                        | Temperature               |                  |                            |                                            |
|                                       | Air                       |                  | Fluid                      |                                            |
|                                       | Entering                  | Leaving          | Entering                   | Leaving                                    |
| 11796                                 | 70.0                      | 94.0             | 160.0                      | 120.7                                      |
| Fluid                                 |                           |                  |                            |                                            |
| Type                                  | Flow Rate                 | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.6                       | 2.33             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                           |                  |                            |                                            |
|                                       | Primary Coil              |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 7.39 ft H <sub>2</sub> O  |                  | 1.46 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 7.48 ft H <sub>2</sub> O  |                  | 0.83 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.24 ft H <sub>2</sub> O  |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 1.55 ft H <sub>2</sub> O  |                  | 0.03 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.32 ft H <sub>2</sub> O  |                  | 0.01 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 16.98 ft H <sub>2</sub> O |                  | 2.33 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                           |                  |                            |                                            |
| Fan                                   |                           |                  |                            |                                            |
|                                       |                           |                  |                            |                                            |
| Fan Height                            | Fan Width                 |                  | Quantity                   |                                            |
| 6.30 in                               | 7.95 in                   |                  | 2                          |                                            |
|                                       |                           |                  |                            |                                            |
| Motor                                 |                           |                  |                            |                                            |
| Type                                  | Horsepower                |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                    |                  | 1                          |                                            |
| Primary Valve Package                 |                           |                  |                            |                                            |
| Configuration                         |                           |                  |                            |                                            |
| Coil Control                          |                           |                  |                            |                                            |
| Flow Control                          | Valve Body Type           |                  | Voltage                    |                                            |
| Proportional, Modulating              | 3-Way                     |                  | 24V                        |                                            |
| Coil Connection                       |                           |                  |                            |                                            |
| Size                                  |                           | Type             |                            |                                            |
| 5/8" Connection                       |                           | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                           |                  |                            |                                            |
| Shutoff Pressure                      | Valve                     |                  |                            |                                            |
|                                       | Position                  |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed           |                  | 2.5                        |                                            |
| Valve Piping Package                  |                           |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                  |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout  |                  | Sweat                      |                                            |

## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 54                               | 56     | 57     | 56    | 52    | 45    | 39    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



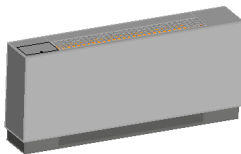
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## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



## NOTES

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            | Unit Tag: FCU 2-14                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br><a href="http://www.DaikinApplied.com">www.DaikinApplied.com</a> Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                                                        |
| Model: FCVC106                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                                                        |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                                                        |

|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve (3-wire or proportional)</b><br>Modulates water flow in response to 24V signal.                                                         |
|  |  | <b>3-Way Modulating Valve</b><br>Modulate or bypass water flow in response to 24V signal.                                                                         |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                               |          |              |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VH : VP 004                |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |
| Product:                                                                                                                                                                          |  | Project Name: <b>Buckstaff Bathhouse</b>      |          |              |                                                                                                                                                                                                  |
| Model: <b>VLVFCVY</b>                                                                                                                                                             |  | Sales Office: <b>Harrison Energy Partners</b> |          |              |                                                                                                                                                                                                  |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                                 | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |
| Scale: NTS      Tolerance: +/-0.25"      Dwg Units: in [mm]                                                                                                                       |  |                                               |          |              |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                               |          |              |                                                                                                                                                                                                  |

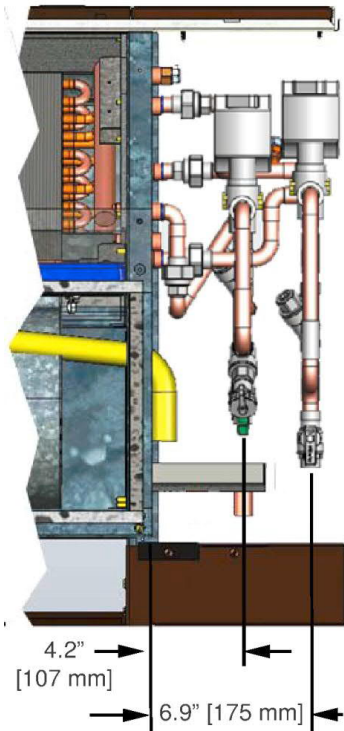
|                                                                                     |                                                                                     |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |    | <b>Manual Shutoff Ball Valve</b><br>Water shut-off. Handle rotates 90 degrees.                                                                                    |
|    |    | <b>Manual Shutoff Ball Valve with Memory Stop</b><br>Used on return line for limiting water flow.                                                                 |
|    |    | <b>2-Way, N.C., On/Off Valve, Spring Return</b><br>Turn on or off water flow to the coil in response to 24V or line voltage signal.                               |
|   |   | <b>3-Way, N.C., On/Off Valve, Spring Return</b><br>Bypass water flow away from coil in response to 24V or line volt signal. Includes fixed orifice for balancing. |
|  |  | <b>2-Way Modulating Valve</b><br>Modulates water flow in response to 24V signal.                                                                                  |
|  |  | <b>3-Way Modulating Valve (3-wire or proportional)</b><br>Modulate or bypass water flow in response to 24V signal. Includes fixed orifice for balancing.          |
|  |  | <b>PT Port</b><br>For connecting a pressure or temperature gauge.                                                                                                 |
|  |  | <b>Y-Strainer</b><br>Removable screen filters out small particles from supply line during normal system operation.                                                |
|  |  | <b>Y-Strainer with blow-off valve</b><br>Filters out small particles from supply line during operation. Blow valve used to clean out filter.                      |
|  |  | <b>Manually Adjustable Circuit Setter with Shut-off</b><br>Pressure-dependent, ball-type, manual flow control.                                                    |
|  |  | <b>Cartridge-Type, Auto-Fixed Circuit Setter</b><br>Pressure-compensated, automatic fixed-flow control.                                                           |
|  |  | <b>Union</b><br>For easy removal of piping from coil                                                                                                              |
|  |  | <b>Bypass Balancing Valve</b><br>Adjustable balancing of water flow through the bypass circuit on a 3-way control valve.                                          |

|                                                                                                                                                                                   |  |                                        |          |              |                                                                                                                                                                                                  |                     |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|
| <b>Product Drawing</b>                                                                                                                                                            |  | Unit Tag: FCU 2- : VP : VP 007         |          |              | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 05.00 |                     |                    |
| Product:                                                                                                                                                                          |  | Project Name: Buckstaff Bathhouse      |          |              |                                                                                                                                                                                                  |                     |                    |
| Model: VLVFCVY                                                                                                                                                                    |  | Sales Office: Harrison Energy Partners |          |              |                                                                                                                                                                                                  |                     |                    |
| Sales Engineer:                                                                                                                                                                   |  | July 16, 2026                          | Ver/Rev: | Sheet 1 of 1 |                                                                                                                                                                                                  |                     |                    |
|                                                                                                                                                                                   |  |                                        |          |              | Scale: NTS                                                                                                                                                                                       | Tolerance: +/-0.25" | Dwg Units: in [mm] |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |  |                                        |          |              |                                                                                                                                                                                                  |                     |                    |

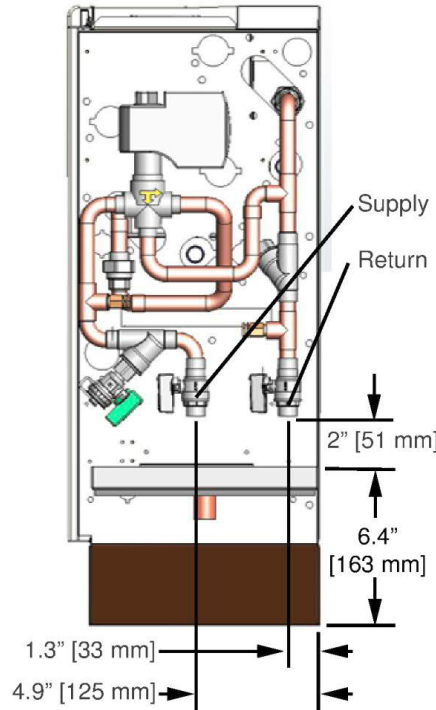
## Connecting Pipe Locations: 4-Pipe, Right Hand with Same-End Reheat Coil

Deluxe package shown, see schematic (right) for list of components selected for this package

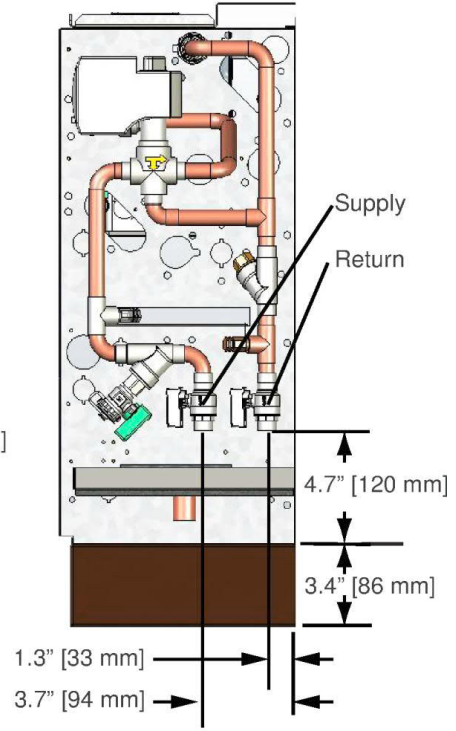
**Front View**  
Primary and Reheat  
Coil Piping Shown



**End View**  
Primary Coil Piping Shown  
Reheat Coil Piping Hidden



**End View:**  
Reheat Coil Piping Shown  
Primary Coil Piping Hidden



|                 |                                   |          |               |                                        |                      |                 |                                                                                                                                                                                                |
|-----------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing | Unit Tag: FCU 2-14                |          |               | Sales Office: Harrison Energy Partners |                      |                 | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com    Software Version: 13.00 |
| Product:        | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |                 |                                                                                                                                                                                                |
| Model: FCVC106  | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: (in) |                                                                                                                                                                                                |

| Job Information  |                     | Technical Data Sheet |
|------------------|---------------------|----------------------|
| Job Name         | Buckstaff Bathhouse |                      |
| Date             | 7/16/2026           |                      |
| Submitted By     | Tufail Muhammad     |                      |
| Software Version | 13.00               |                      |
| Unit Tag         | FCU 2-15            |                      |



| Unit Overview |           |                       |                 |                                                   |                    |
|---------------|-----------|-----------------------|-----------------|---------------------------------------------------|--------------------|
| Model Number  | Unit Size | Voltage<br>V/Hz/Phase | Air Flow<br>CFM | External Static<br>Pressure<br>inH <sub>2</sub> O | Unit Configuration |
| FCVC102       | 02        | 115/60/1              | 150             | 0.00                                              | Vertical           |

| Unit          |              |
|---------------|--------------|
| Model Number: | FCVC102      |
| Type:         | Fan Coil     |
| Orientation:  | Vertical     |
| Size:         | 02           |
| Cabinet:      | Flat Cabinet |
| Approval      | None         |

| Physical                   |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| Unit                       |         |                           |                 |
| Depth                      | Width   | Height                    | Shipping Weight |
| 10.0 in                    | 35.0 in | 25.00 in                  | 83 lb           |
| Filters                    |         |                           |                 |
| Type                       |         | (Quantity) Height x Width |                 |
| 1" Throwaway MERV 8 Filter |         | (1) 16 in x 8.75 in       |                 |

| Electrical          |                |          |            |
|---------------------|----------------|----------|------------|
| Unit                |                |          |            |
| Voltage             | Fan Motor Amps | Unit MCA | Unit MROPD |
| 115/60/1 V/Hz/Phase | 3.5 A          | 4.4 A    | 15 A       |

| Chilled Water Coil |                    |                 |                  |                                      |                                         |
|--------------------|--------------------|-----------------|------------------|--------------------------------------|-----------------------------------------|
| Physical           |                    |                 |                  |                                      |                                         |
| Fins per Inch      | Number of Rows     | Coil Circuits   | Face Area        | Face Velocity                        | Connections                             |
| 12                 | 3                  | 4               | 0.7 ft²          | 202.7 ft/min                         | 1/2 inch<br>Nominal Sweat<br>(5/8 O.D.) |
| Performance        |                    |                 |                  |                                      |                                         |
| Capacity           |                    | Air Temperature |                  |                                      |                                         |
| Total<br>Btu/hr    | Sensible<br>Btu/hr | Entering        |                  | Leaving                              |                                         |
|                    |                    | Dry Bulb<br>°F  | Wet Bulb<br>°F   | Dry Bulb<br>°F                       | Wet Bulb<br>°F                          |
| 5865               | 4062               | 80.0            | 67.0             | 55.2                                 | 54.3                                    |
| Fluid              |                    |                 |                  |                                      |                                         |
| Temperature        |                    | Type            | Flow rate<br>gpm | Pressure Drop<br>ft H <sub>2</sub> O | Unit Handling                           |
| Entering<br>°F     | Leaving<br>°F      |                 |                  |                                      |                                         |
| 44.0               | 51.8               | Water           | 1.5              | 1.80                                 | Right Hand (Front of<br>Face)           |

| Hot Water Reheat Coil                 |                          |                  |                            |                                            |
|---------------------------------------|--------------------------|------------------|----------------------------|--------------------------------------------|
| Physical                              |                          |                  |                            |                                            |
| Fins per Inch                         | Number of Rows           | Coil Circuits    | Face Area                  | Connections                                |
| 12                                    | 1                        | 1                | 0.6 ft²                    | 1/2 inch<br>Nominal<br>Sweat (5/8<br>O.D.) |
| Performance                           |                          |                  |                            |                                            |
| Total Capacity                        | Temperature              |                  |                            |                                            |
|                                       | Air                      |                  | Fluid                      |                                            |
|                                       | Entering                 | Leaving          | Entering                   | Leaving                                    |
| 3639                                  | 70.0                     | 92.2             | 160.0                      | 123.6                                      |
| Fluid                                 |                          |                  |                            |                                            |
| Type                                  | Flow Rate                | Pressure Drop    | Unit Handling              |                                            |
| Water                                 | 0.2                      | 0.22             | Right Hand (Front of Face) |                                            |
| Water Pressure Drop Calculation       |                          |                  |                            |                                            |
|                                       | Primary Coil             |                  | Secondary Coil             |                                            |
| Coil Pressure Drop:                   | 0.73 ft H <sub>2</sub> O |                  | 0.12 ft H <sub>2</sub> O   |                                            |
| Control Valve Pressure Drop:          | 0.83 ft H <sub>2</sub> O |                  | 0.09 ft H <sub>2</sub> O   |                                            |
| Circuit Setter Pressure Drop:         | 0.03 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Strainer Pressure Drop:               | 0.17 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Ball Valves Pressure Drop (2, Total): | 0.04 ft H <sub>2</sub> O |                  | 0.00 ft H <sub>2</sub> O   |                                            |
| Total Water Pressure Drop:            | 1.80 ft H <sub>2</sub> O |                  | 0.22 ft H <sub>2</sub> O   |                                            |
| Supply Fan                            |                          |                  |                            |                                            |
| Fan                                   |                          |                  |                            |                                            |
| Fan Height                            |                          | Fan Width        | Quantity                   |                                            |
| 6.30 in                               |                          | 6.26 in          | 1                          |                                            |
| Motor                                 |                          |                  |                            |                                            |
| Type                                  | Horsepower               |                  | Quantity                   |                                            |
| Field Adjustable ECM                  | 1/4 hp                   |                  | 1                          |                                            |
| Primary Valve Package                 |                          |                  |                            |                                            |
| Configuration                         |                          |                  |                            |                                            |
| Coil Control                          |                          |                  |                            |                                            |
| Flow Control                          | Valve Body Type          |                  | Voltage                    |                                            |
| Proportional, Modulating              | 2-Way                    |                  | 24V                        |                                            |
| Coil Connection                       |                          |                  |                            |                                            |
| Size                                  |                          | Type             |                            |                                            |
| 5/8" Connection                       |                          | Sweat Connection |                            |                                            |
| Valve Shutoff Control                 |                          |                  |                            |                                            |
| Shutoff Pressure                      | Valve                    |                  |                            |                                            |
|                                       | Position                 |                  | CV Value                   |                                            |
| High Close Off                        | Normally Closed          |                  | 2.5                        |                                            |
| Valve Piping Package                  |                          |                  |                            |                                            |
| Shutoff Isolation Valve Type          | Strainer                 |                  | Connection Type            |                                            |
| Ball Valve, Open-Close                | Y-Strainer with Cleanout |                  | Sweat                      |                                            |



## Secondary Valve Package

| Configuration                |                          |                 |
|------------------------------|--------------------------|-----------------|
| Coil Control                 |                          |                 |
| Flow Control                 | Valve Body Type          | Voltage         |
| Proportional, Modulating     | 2-Way                    | 24V             |
| Coil Connection              |                          |                 |
| Size                         | Type                     |                 |
| 5/8" Connection              | Sweat Connection         |                 |
| Valve Shutoff Control        |                          |                 |
| Shutoff Pressure             | Valve                    |                 |
|                              | Position                 | CV Value        |
| High Close Off               | Normally Closed          | 1.0             |
| Valve Piping Package         |                          |                 |
| Shutoff Isolation Valve Type | Strainer                 | Connection Type |
| Ball Valve, Open-Close       | Y-Strainer with Cleanout | Sweat           |

## Sound

| Casing Radiated Sound Power (db) |        |        |       |       |       |       |
|----------------------------------|--------|--------|-------|-------|-------|-------|
| 125 Hz                           | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| 48                               | 51     | 50     | 50    | 47    | 41    | 35    |

## Options

| General                         |                            |
|---------------------------------|----------------------------|
| Cabinet Style:                  | Standard                   |
| Cabinet Coating:                | Premium                    |
| Cabinet Color:                  | Antique Ivory              |
| Cabinet Plenum Insulation:      | 1/4 inch Closed Cell       |
| Cabinet Gauge:                  | 18 Gauge                   |
| Sub-base Height:                | 3.5" Subbase               |
| Return Air Location:            | Front                      |
| Disconnect Switch:              | Disconnect Switch          |
| Coil                            |                            |
| Reheating Coil Type:            | Hot Water                  |
| Control                         |                            |
| Occ/Vacant Control Input:       | None                       |
| Filter Status:                  | None                       |
| Fan Status:                     | None                       |
| Condensate Overflow Protection: | Condensate Overflow Switch |

## Warranty

|           |          |
|-----------|----------|
| Warranty: | Standard |
|-----------|----------|

## AHRI Certification



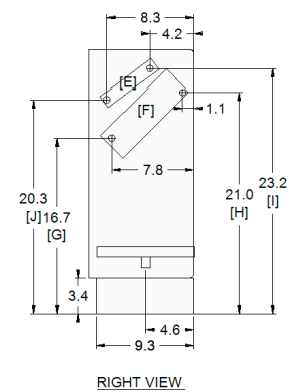
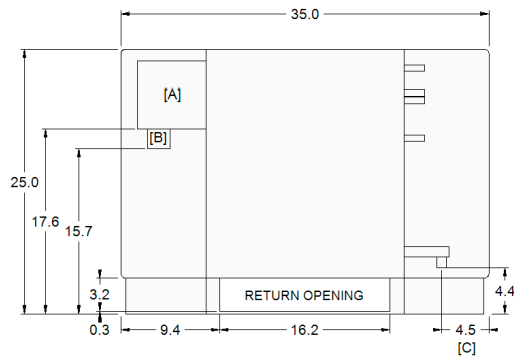
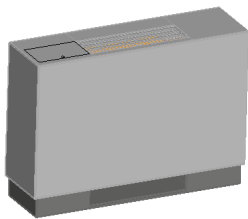
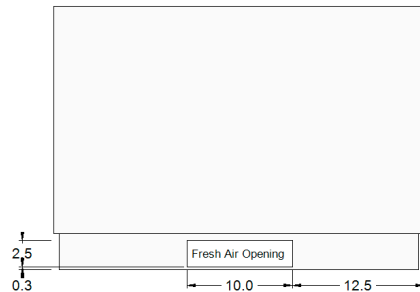
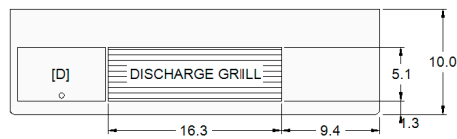
Certified in accordance with the AHRI 440 Certification Program, which is based on AHRI Standard 440. Certified units may be found in the AHRI Directory at [www.ahridirectory.org](http://www.ahridirectory.org).

## Notes

Sound Power (dB) measured in accordance with ANSI/AHRI Standard 260-2008.  
Total sound power level data based On units With 115/1/60 volt PSC motor at corresponding motor speed, 4 row coil, 1" throwaway filter, unit standard insulation, 0.0" external Static pressure And standard rated internal pressure losses.

## Accessories

| Optional    |                                             |
|-------------|---------------------------------------------|
| Part Number | Description                                 |
| 250803500   | BACnet t-stat MIT-FA-005 (Low Voltage only) |



| NOTES                                 |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| [A] - Electrical Control Box          | [B] - Optional Disconnect Switch      | [C] - Drain Pan Conn 0.75 OD          | [D] - Electrical Ctrl Access Door     |
| [E] -                                 | [F] - Primary Coil                    | [G] - Primary Coil Sup Conn 0.625 DIA | [H] - Primary Coil Ret Conn 0.625 DIA |
| [I] - Secondary Coil Ret Conn 0.6 DIA | [J] - Secondary Coil Sup Conn 0.6 DIA |                                       |                                       |

|                                                                                                                                                                                   |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------|---------------|----------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Drawing                                                                                                                                                                   | Unit Tag: FCU 2-15                |          |               | Sales Office: Harrison Energy Partners |                      |               | <br>13600 Industrial Park Blvd. Minneapolis, MN 55441<br>www.DaikinApplied.com      Software Version: 13.00 |
| Product:                                                                                                                                                                          | Project Name: Buckstaff Bathhouse |          |               | Sales Engineer:                        |                      |               |                                                                                                                                                                                                  |
| Model: FCVC102                                                                                                                                                                    | July 16, 2026                     | Ver/Rev: | Sheet: 1 of 1 | Scale: NTS                             | Tolerance: +/- 0.25" | Dwg Units: in |                                                                                                                                                                                                  |
| No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications. |                                   |          |               |                                        |                      |               |                                                                                                                                                                                                  |

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