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Comfort Systems USA (Arkansas), Inc.

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Date: 7/28/2026

Return Request: 8/6/2026

Project: Hot Springs National Park – Rehabilitate Bathhouses – Maurice Bathhouse

Supplier: Powers of Arkansas

Manufacturer: Enviro-Tec

Submittal: Terminal Heat Transfer Units (Fan Coil Units) - (Re-Submittal #3)

Submittal Number: 238200.004

Spec Section: 238200, 2.5

Drawing # and Installation Location: MP1.0 and MP1.3

ARCHITECT

Strata Architecture

1701 Oak Street, Suite 100

Kansas City, Missouri 64108

(816)474-0900

GENERAL CONTRACTOR

Tepa, LLC

2345 Grand Blvd, Suite 700

Kansas City, Missouri 64108

(816)708-1110

ENGINEER

IMEG Corp.

1600 Baltimore Street, Suite 300

Kansas City, Missouri 64108

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MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.

9924 Landers Road

North Little Rock, Arkansas 72117

(501)834-3320

Comments:

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CSUSA PROJECT NO.

25-7065

joe@comfortar.com

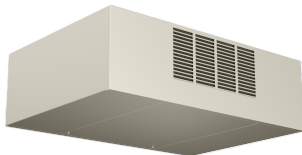
9924 Landers Road
No. LittleRock, AR 72117

Resubmittal

JOB NAME	Maurice Bathhouse
PRODUCT	Fan Coil Units - FCU-B-1M through FCU-3-11M
MANUFACTURER	Enviro Tec
LOCATION	Hot Springs, AR
DATE	July 28, 2026
SPECIFICATION	23 82 00
LEAD TIME	TBD
ARCHITECT	Strata Architecture
ENGINEER	IMEG Corp
CONTRACTOR	TEPA
CONTRACTOR POC	Joe Loomis
SUBMITTED BY	Eric Blaylock
CONTRACT SALES	Eric Blaylock
ENGINEERING ACCOUNTS	Keith Clement

RESUBMITTAL NOTES

1. Selections have been revised based on the engineer's review comments and subsequent coordination with IMEG. Performance shown in this resubmittal is based on the current ENVIRO-TEC coil-rating software.
2. ENVIRO-TEC and the specified Johnson Controls fan coil units are manufactured using the same materials, construction methods, and manufacturing processes. Differences between scheduled values and the current reports are attributable in part to updates to the manufacturer's coil-rating engine.
3. Fan selections are rated at the scheduled airflow. The ESP displayed in the performance reports represents the maximum available fan static pressure at the listed airflow and is not the required system operating static. ECM fan speeds shall be adjusted and balanced to deliver the scheduled airflow.
4. Integral drain pan float switches are provided on all units.
5. Chilled-water and hot-water flow rates were adjusted to improve leaving-air temperatures while maintaining the specified coil geometry. The submitted water flow rates and coil pressure drops shall be used for final hydronic balancing and pump-system coordination.
6. FCU-3-3M was revised from CDV size 04 to size 06 to accommodate a two-row heating coil and achieve the scheduled 90°F heating leaving-air temperature. CDV sizes 04 and 06 share the same cabinet dimensions; therefore, this revision does not change the unit footprint. The revised selection provides 90°F LAT at 0.9 GPM.
7. FCU-3-4M hot-water flow was increased to 1.6 GPM. The revised selection provides 95.1°F heating LAT.
8. FCU-3-6M is limited to four total coil rows. A three-row chilled-water coil is required to achieve the cooling performance, limiting the hot-water coil to one row. The hot-water flow was increased to 2.3 GPM, providing 99.4°F LAT and 24.12 MBH. This configuration was coordinated with the engineer and maintains priority on the required cooling performance.
9. FCU-B-1M and FCU-B-2M are submitted as size 06 units, consistent with the scheduled and specified unit size. The prior review reference to size 02 does not apply to these tags.
10. Contractor shall coordinate the revised scheduled water flows and pressure drops with the hydronic piping, balancing valves, control valves, pumps, and TAB contractor.
11. Unit electrical requirements, weights, coil connection sizes, service clearances, and performance data shall be coordinated with the applicable electrical, plumbing, controls, and architectural trades.

Performance			
Model:	HLE-D: Horizontal Low Profile Exposed Cabinet	Ship Cycle:	Standard Shipment
Size:	06	Printed Date:	07/22/2026
QTY:	2	Last Revised Date:	07/20/2026
Elevation:	597	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrtKAG / 1
Tag: FCU-B-1M,FCU-B-2M			

General	
Unit Size	06
Unit Airflow	460 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.69 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.06 (IN.WG)
Weight	130 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/4
Motor Type	ECM
Motor Qty	1
Total Motors FLA	2.9
Total FLA	2.9
Motor Spd	Max
Fan Qty	2
Fan RPM at CFM	1984
Fan Watts at CFM	153

Chilled Water Coil Performance	
EAT DB / WB	80 / 67 (°F)
LAT DB / WB	56.2 / 55.5 (°F)
EWT / LWT	42 / 51.3 (°F)
Total Capacity	15.72 (MBH)
Sensible Capacity	11.43 (MBH)
Rows / FPI / Circuits	5 Row / 14 FPI / 4 Ckt
Fluid Flow	3.62 (GPM)
Fluid PD	7.46 (FT.WG)
Fluid Velocity	2.7 (FPS)
Air PD	0.22 (IN.WG)
Glycol Concentration	30
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	7/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	93 (°F)
EWT / LWT	140 / 100.1 (°F)
Sensible Capacity	14.02 (MBH)
Fluid Flow	0.7 (GPM)
Rows / FPI / Circuits	1 Row / 14 FPI / 1 Ckt
Fluid PD	2.48 (FT.WG)
Fluid Velocity	2.09 (FPS)
Air PD	0.05 (IN.WG)
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	62	67	64	62	58	54	49

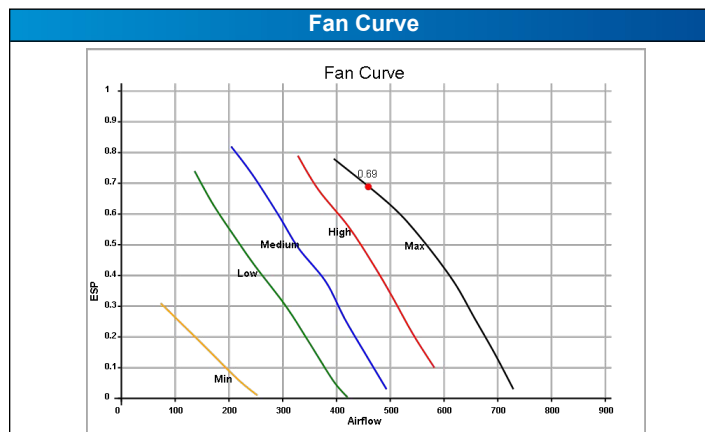
Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2015. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.

Unit Details	
Unit Color	Pearl White Satin
Insulation Type	Closed Cell Foam
Access Latches	Standard
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
Return Air Type	Stamped Louver Grille
Return Air Location	Bottom Return
Discharge Air Type	Discharge Double Deflection Alum Grille
MCA	3.62
MSCP	15
Discharge Air Sensor	Yes
Control Enclosure Handing	Right Hand
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Dirty Filter Sensor	Yes
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

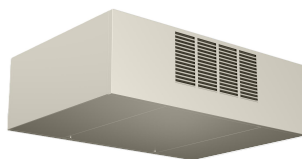
Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Left Hand
Coil 1 Air Vent	Manual

Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Left Hand
Coil 2 Air Vent	Manual



MAX ESP TYPICAL

Performance			
Model:	HLE-D: Horizontal Low Profile Exposed Cabinet	Ship Cycle:	Standard Shipment
Size:	02	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/20/2026
Elevation:	597	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrtKAG / 2
Tag: FCU-B-3M			



General	
Unit Size	02
Unit Airflow	210 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.71 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.05 (IN.WG)
Weight	81 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/4
Motor Type	ECM
Motor Qty	1
Total Motors FLA	2.9
Total FLA	2.9
Motor Spd	Max
Fan Qty	1
Fan RPM at CFM	1921
Fan Watts at CFM	54

Chilled Water Coil Performance	
EAT DB / WB	80 / 67 (°F)
LAT DB / WB	55.6 / 54.9 (°F)
EWT / LWT	42 / 51.1 (°F)
Total Capacity	7.5 (MBH)
Sensible Capacity	5.36 (MBH)
Rows / FPI / Circuits	5 Row / 14 FPI / 2 Ckt
Fluid Flow	1.75 (GPM)
Fluid PD	10.81 (FT.WG)
Fluid Velocity	2.61 (FPS)
Air PD	0.19 (IN.WG)
Glycol Concentration	30
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	7/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	96.5 (°F)
EWT / LWT	140 / 111.3 (°F)
Sensible Capacity	7.16 (MBH)
Fluid Flow	0.5 (GPM)
Rows / FPI / Circuits	1 Row / 14 FPI / 1 Ckt
Fluid PD	1.08 (FT.WG)
Fluid Velocity	1.49 (FPS)
Air PD	0.04 (IN.WG)
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	58	63	59	56	52	47	41

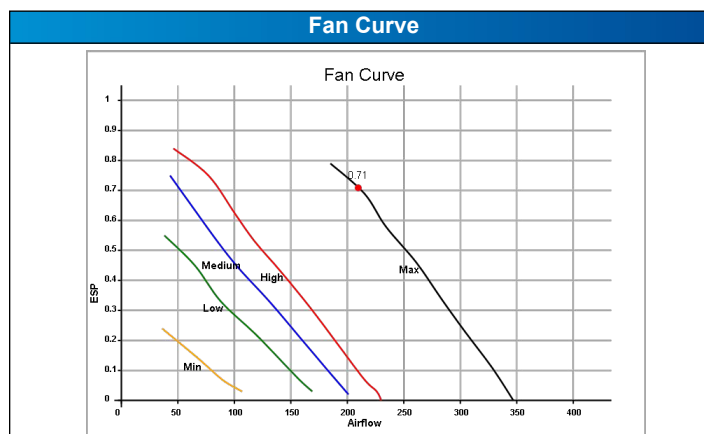
Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2015. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.

Unit Details	
Unit Color	Pearl White Satin
Insulation Type	Closed Cell Foam
Access Latches	Standard
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
Return Air Type	Stamped Louver Grille
Return Air Location	Bottom Return
Discharge Air Type	Discharge Double Deflection Alum Grille
MCA	3.62
MSCP	15
Discharge Air Sensor	Yes
Control Enclosure Handing	Left Hand
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Dirty Filter Sensor	Yes
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

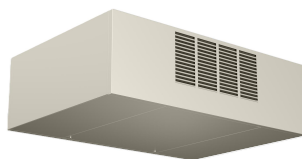
Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Right Hand
Coil 1 Air Vent	Manual

Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Right Hand
Coil 2 Air Vent	Manual



Performance			
Model:	HLE-D: Horizontal Low Profile Exposed Cabinet	Ship Cycle:	Standard Shipment
Size:	04	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/20/2026
Elevation:	597	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrtKAG / 3
Tag: FCU-B-4M			



General	
Unit Size	04
Unit Airflow	330 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.74 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.05 (IN.WG)
Weight	107 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/4
Motor Type	ECM
Motor Qty	1
Total Motors FLA	2.9
Total FLA	2.9
Motor Spd	Max
Fan Qty	2
Fan RPM at CFM	1963
Fan Watts at CFM	113

Chilled Water Coil Performance	
EAT DB / WB	80 / 67 (°F)
LAT DB / WB	56.1 / 55.4 (°F)
EWT / LWT	42 / 50.8 (°F)
Total Capacity	11.36 (MBH)
Sensible Capacity	8.26 (MBH)
Rows / FPI / Circuits	5 Row / 14 FPI / 4 Ckt
Fluid Flow	2.75 (GPM)
Fluid PD	4.59 (FT.WG)
Fluid Velocity	2.05 (FPS)
Air PD	0.19 (IN.WG)
Glycol Concentration	30
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	7/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	93 (°F)
EWT / LWT	140 / 111.3 (°F)
Sensible Capacity	10.02 (MBH)
Fluid Flow	0.7 (GPM)
Rows / FPI / Circuits	1 Row / 14 FPI / 2 Ckt
Fluid PD	0.43 (FT.WG)
Fluid Velocity	1.05 (FPS)
Air PD	0.04 (IN.WG)
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	62	67	64	62	58	54	49

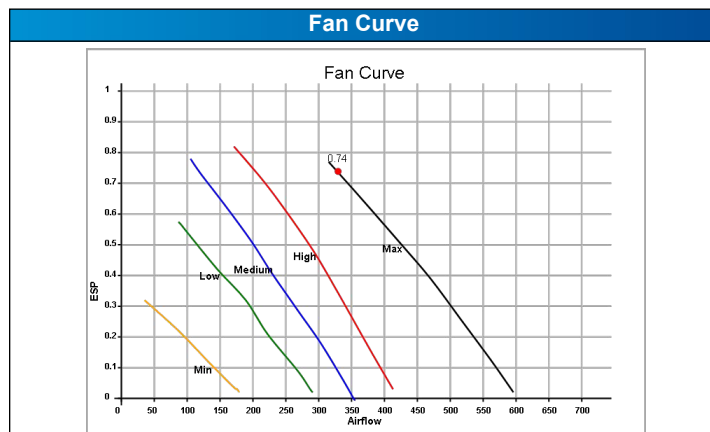
Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2015. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.

Unit Details	
Unit Color	Pearl White Satin
Insulation Type	Closed Cell Foam
Access Latches	Standard
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
Return Air Type	Stamped Louver Grille
Return Air Location	Bottom Return
Discharge Air Type	Discharge Duct Collar
MCA	3.62
MSCP	15
Discharge Air Sensor	Yes
Control Enclosure Handing	Left Hand
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Dirty Filter Sensor	Yes
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

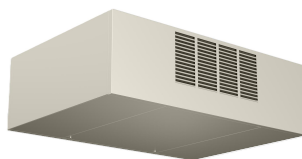
Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Right Hand
Coil 1 Air Vent	Manual

Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Right Hand
Coil 2 Air Vent	Manual



Performance			
Model:	HLE-D: Horizontal Low Profile Exposed Cabinet	Ship Cycle:	Standard Shipment
Size:	06	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/20/2026
Elevation:	597	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrtKAG / 4
Tag: FCU-B-5M			



General	
Unit Size	06
Unit Airflow	475 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.67 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.06 (IN.WG)
Weight	130 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/4
Motor Type	ECM
Motor Qty	1
Total Motors FLA	2.9
Total FLA	2.9
Motor Spd	Max
Fan Qty	2
Fan RPM at CFM	1978
Fan Watts at CFM	154

Unit Details	
Unit Color	Pearl White Satin
Insulation Type	Closed Cell Foam
Access Latches	Standard
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
Return Air Type	Stamped Louver Grille
Return Air Location	Bottom Return
Discharge Air Type	Discharge Double Deflection Alum Grille
MCA	3.62
MSCP	15
Discharge Air Sensor	Yes
Control Enclosure Handling	Right Hand
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Dirty Filter Sensor	Yes
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Chilled Water Coil Performance	
EAT DB / WB	80 / 67 (°F)
LAT DB / WB	56.3 / 55.6 (°F)
EWT / LWT	42 / 51.2 (°F)
Total Capacity	16.17 (MBH)
Sensible Capacity	11.77 (MBH)
Rows / FPI / Circuits	5 Row / 14 FPI / 4 Ckt
Fluid Flow	3.75 (GPM)
Fluid PD	7.88 (FT.WG)
Fluid Velocity	2.8 (FPS)
Air PD	0.23 (IN.WG)
Glycol Concentration	30
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	7/8
Fluid Type	Water w/ Propylene Glycol

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

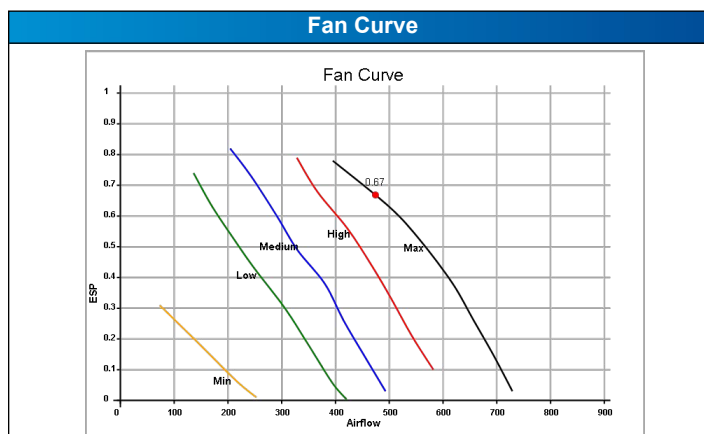
Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handling	Left Hand
Coil 1 Air Vent	Manual

Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handling	Left Hand
Coil 2 Air Vent	Manual

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	89.2 (°F)
EWT / LWT	140 / 104.3 (°F)
Sensible Capacity	12.55 (MBH)
Fluid Flow	0.7 (GPM)
Rows / FPI / Circuits	1 Row / 14 FPI / 2 Ckt
Fluid PD	0.48 (FT.WG)
Fluid Velocity	1.05 (FPS)
Air PD	0.05 (IN.WG)
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	62	67	64	62	58	54	49

Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2015. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.



Performance			
Model:	VFE-C: Vertical Floor Mounted Exposed Cabinet (Flat Top)	Ship Cycle:	Standard Shipment
Size:	10	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/20/2026
Elevation:	630	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrtKAG / 5
Tag: FCU-1-1M			



General	
Unit Size	10
Unit Airflow	600 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.67 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.04 (IN.WG)
Weight	215 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(2) 1/4
Motor Type	ECM
Motor Qty	2
Total Motors FLA	5.8
Total FLA	5.8
Motor Spd	Max
Fan Qty	4
Fan RPM at CFM	1948
Fan Watts at CFM	228

Unit Details	
Unit Color	Pearl White Satin
Insulation Type	Closed Cell Foam
Access Latches	Standard
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
Auxiliary Drip Pan	Plastic
Discharge Air Type	Stamped Louver Grille
Return Air Type	Stamped Louver Grille
MCA	6.52
MSCP	15
Control Enclosure Handling	Left Hand
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1
Additional Height	Standard Height
Additional Width	Standard Width
Extended End Pocket	LH Extended End Pocket

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handling	Right Hand
Coil 1 Air Vent	Manual

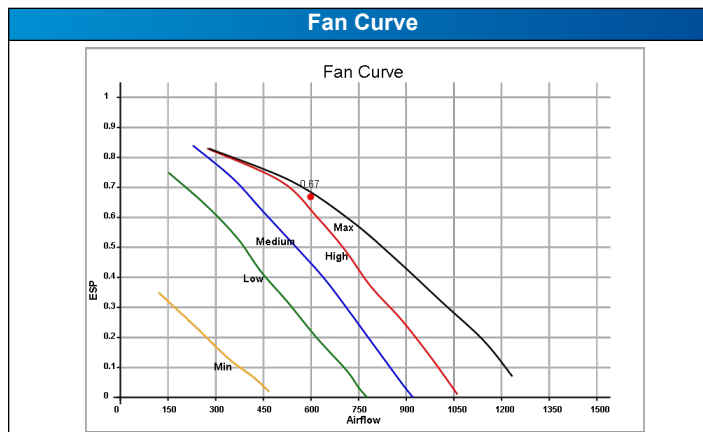
Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handling	Left Hand
Coil 2 Air Vent	Manual

Chilled Water Coil Performance	
EAT DB / WB	80 / 67 (°F)
LAT DB / WB	59.5 / 58 (°F)
EWT / LWT	42 / 50.6 (°F)
Total Capacity	16.28 (MBH)
Sensible Capacity	12.77 (MBH)
Rows / FPI / Circuits	3 Row / 12 FPI / 5 Ckt
Fluid Flow	4.2 (GPM)
Fluid PD	4.79 (FT.WG)
Fluid Velocity	2.51 (FPS)
Air PD	0.1 (IN.WG)
Glycol Concentration	30
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	5/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	87.8 (°F)
EWT / LWT	140 / 97.6 (°F)
Sensible Capacity	15.43 (MBH)
Fluid Flow	0.7 (GPM)
Rows / FPI / Circuits	1 Row / 12 FPI / 2 Ckt
Fluid PD	0.63 (FT.WG)
Fluid Velocity	1.05 (FPS)
Air PD	0.03 (IN.WG)
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	62	66	61	60	55	49	44

Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.



Performance			
Model:	VFC-C: Vertical Floor Mounted Concealed Cabinet	Ship Cycle:	Standard Shipment
Size:	02	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/20/2026
Elevation:	630	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrKAG / 6
Tag: FCU-3-1M			



General	
Unit Size	02
Unit Airflow	110 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.52 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.01 (IN.WG)
Weight	69 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/4
Motor Type	ECM
Motor Qty	1
Total Motors FLA	2.9
Total FLA	2.9
Motor Spd	Max
Fan Qty	1
Fan RPM at CFM	1542
Fan Watts at CFM	33

Chilled Water Coil Performance	
EAT DB / WB	77.5 / 65.4 (°F)
LAT DB / WB	59.4 / 57.3 (°F)
EWT / LWT	42 / 49.9 (°F)
Total Capacity	2.6 (MBH)
Sensible Capacity	2.07 (MBH)
Rows / FPI / Circuits	2 Row / 12 FPI / 1 Ckt
Fluid Flow	0.75 (GPM)
Fluid PD	8.07 (FT.WG)
Fluid Velocity	2.24 (FPS)
Air PD	0.03 (IN.WG)
Glycol Concentration	30
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	5/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	101.6 (°F)
EWT / LWT	140 / 118.2 (°F)
Sensible Capacity	4.49 (MBH)
Fluid Flow	0.4 (GPM)
Rows / FPI / Circuits	1 Row / 12 FPI / 1 Ckt
Fluid PD	0.86 (FT.WG)
Fluid Velocity	1.2 (FPS)
Air PD	0.01 (IN.WG)
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	59	64	55	52	47	41	37

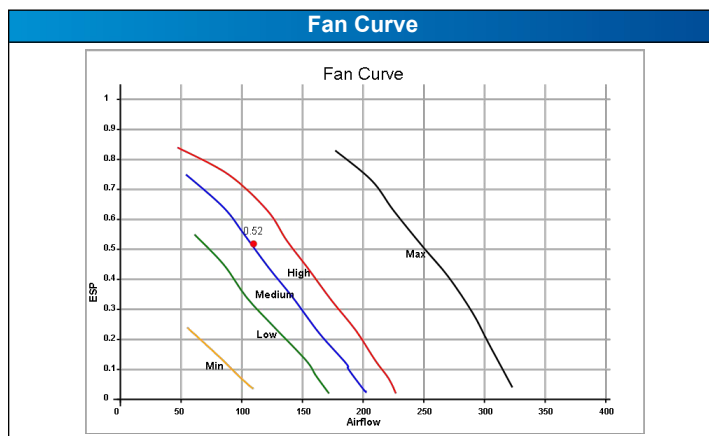
Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.

Unit Details	
Insulation Type	Closed Cell Foam
Discharge Air Type	Discharge Duct Collar
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
Auxiliary Drip Pan	Plastic
MCA	3.62
MSCP	15
Control Enclosure Handling	Right Hand
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handling	Left Hand
Coil 1 Air Vent	Manual

Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handling	Right Hand
Coil 2 Air Vent	Manual



Performance			
Model:	CDV: Vertical High Performance Front Return	Ship Cycle:	Standard Shipment
Size:	08	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/20/2026
Elevation:	630	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrT KAG / 7



Tag: FCU-3-2M

General	
Unit Size	08
Unit Airflow	625 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.81 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.09 (IN.WG)
Weight	151 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/3
Motor Type	ECM
Motor Qty	1
Total Motors FLA	5
Total FLA	5
Motor Spd	Max
Fan Qty	1
Fan RPM at CFM	1050
Fan Watts at CFM	575

Unit Details	
Insulation Type	Closed Cell Foam
Return Air Location	Front Return
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
MCA	6.25
MSCP	15
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Left Hand
Coil 1 Air Vent	Manual

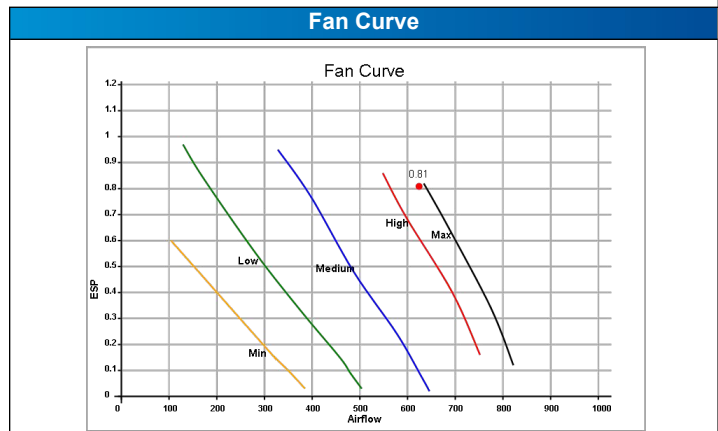
Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Left Hand
Coil 2 Air Vent	Manual

Chilled Water Coil Performance	
EAT DB / WB	77.5 / 65.4 (°F)
LAT DB / WB	58.6 / 57.3 (°F)
EWT / LWT	42 / 51.8 (°F)
Total Capacity	15.42 (MBH)
Sensible Capacity	12.53 (MBH)
Rows / FPI / Circuits	4 Row / 12 FPI / 2 Ckt
Fluid Flow	3.3 (GPM)
Fluid PD	13.12 (FT.WG)
Fluid Velocity	2.84 (FPS)
Air PD	0.23 (IN.WG)
Glycol Concentration	30
Tube Wall	0.016 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	7/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	90.2 (°F)
EWT / LWT	140 / 108.9 (°F)
Sensible Capacity	16.81 (MBH)
Fluid Flow	1.1 (GPM)
Rows / FPI / Circuits	2 Row / 12 FPI / 2 Ckt
Fluid PD	0.32 (FT.WG)
Fluid Velocity	0.95 (FPS)
Air PD	0.17 (IN.WG)
Tube Wall	0.016 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	75	70	64	59	57	56	49

Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.



Performance			
Model:	CDV: Vertical High Performance Front Return	Ship Cycle:	Standard Shipment
Size:	06	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/22/2026
Elevation:	630	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrTgAG / 8



Tag: FCU-3-3M

General	
Unit Size	06
Unit Airflow	460 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.64 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.05 (IN.WG)
Weight	122 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/3
Motor Type	ECM
Motor Qty	1
Total Motors FLA	5
Total FLA	5
Motor Spd	Max
Fan Qty	1
Fan RPM at CFM	1050
Fan Watts at CFM	575

Chilled Water Coil Performance	
EAT DB / WB	77.5 / 65.4 (°F)
LAT DB / WB	58.8 / 57.6 (°F)
EWT / LWT	42 / 52.4 (°F)
Total Capacity	10.85 (MBH)
Sensible Capacity	9.1 (MBH)
Rows / FPI / Circuits	4 Row / 12 FPI / 2 Ckt
Fluid Flow	2.2 (GPM)
Fluid PD	6.62 (FT.WG)
Fluid Velocity	2.16 (FPS)
Air PD	0.18 (IN.WG)
Glycol Concentration	30
Tube Wall	0.025 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	90 (°F)
EWT / LWT	140 / 112.2 (°F)
Sensible Capacity	12.31 (MBH)
Fluid Flow	0.9 (GPM)
Rows / FPI / Circuits	2 Row / 12 FPI / 2 Ckt
Fluid PD	0.21 (FT.WG)
Fluid Velocity	0.89 (FPS)
Air PD	0.16 (IN.WG)
Tube Wall	0.025 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	78	71	63	59	57	56	49

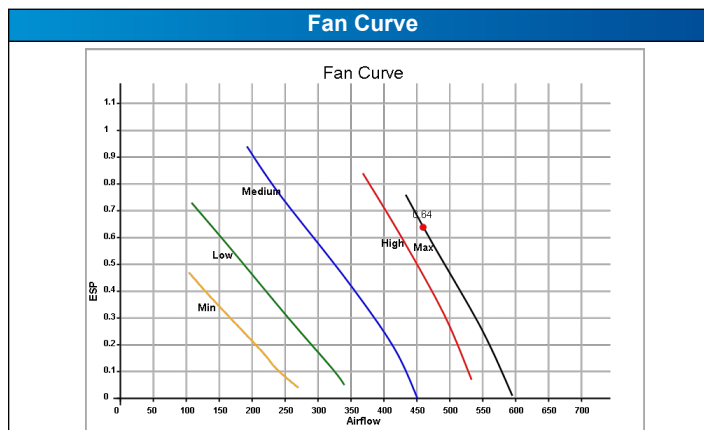
Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.

Unit Details	
Insulation Type	Closed Cell Foam
Return Air Location	Front Return
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
MCA	6.25
MSCP	15
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Right Hand
Coil 1 Air Vent	Manual

Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Right Hand
Coil 2 Air Vent	Manual



Performance			
Model:	CDV: Vertical High Performance Front Return	Ship Cycle:	Standard Shipment
Size:	06	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/22/2026
Elevation:	630	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrTgAG / 9
Tag: FCU-3-4M			



General	
Unit Size	06
Unit Airflow	510 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.42 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.06 (IN.WG)
Weight	122 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/3
Motor Type	ECM
Motor Qty	1
Total Motors FLA	5
Total FLA	5
Motor Spd	Max
Fan Qty	1
Fan RPM at CFM	1050
Fan Watts at CFM	575

Unit Details	
Insulation Type	Closed Cell Foam
Return Air Location	Front Return
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
MCA	6.25
MSCP	15
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Right Hand
Coil 1 Air Vent	Manual

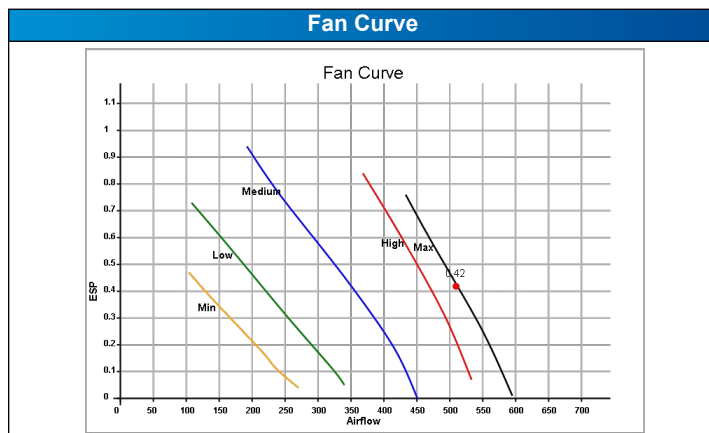
Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Right Hand
Coil 2 Air Vent	Manual

Chilled Water Coil Performance	
EAT DB / WB	77.5 / 65.4 (°F)
LAT DB / WB	58.7 / 57.4 (°F)
EWT / LWT	42 / 51.1 (°F)
Total Capacity	12.32 (MBH)
Sensible Capacity	10.16 (MBH)
Rows / FPI / Circuits	4 Row / 12 FPI / 2 Ckt
Fluid Flow	2.85 (GPM)
Fluid PD	10.63 (FT.WG)
Fluid Velocity	2.8 (FPS)
Air PD	0.21 (IN.WG)
Glycol Concentration	30
Tube Wall	0.025 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	95.1 (°F)
EWT / LWT	140 / 119.1 (°F)
Sensible Capacity	16.44 (MBH)
Fluid Flow	1.6 (GPM)
Rows / FPI / Circuits	2 Row / 12 FPI / 2 Ckt
Fluid PD	0.45 (FT.WG)
Fluid Velocity	1.57 (FPS)
Air PD	0.2 (IN.WG)
Tube Wall	0.025 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	78	71	63	59	57	56	49

Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.



Performance			
Model:	CDV: Vertical High Performance Front Return	Ship Cycle:	Standard Shipment
Size:	04	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/20/2026
Elevation:	630	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrKAG / 10
Tag: FCU-3-5M			



General	
Unit Size	04
Unit Airflow	405 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.24 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.04 (IN.WG)
Weight	118 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/3
Motor Type	ECM
Motor Qty	1
Total Motors FLA	5
Total FLA	5
Motor Spd	Max
Fan Qty	1
Fan RPM at CFM	1050
Fan Watts at CFM	575

Unit Details	
Insulation Type	Closed Cell Foam
Return Air Location	Front Return
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
MCA	6.25
MSCP	15
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Right Hand
Coil 1 Air Vent	Manual

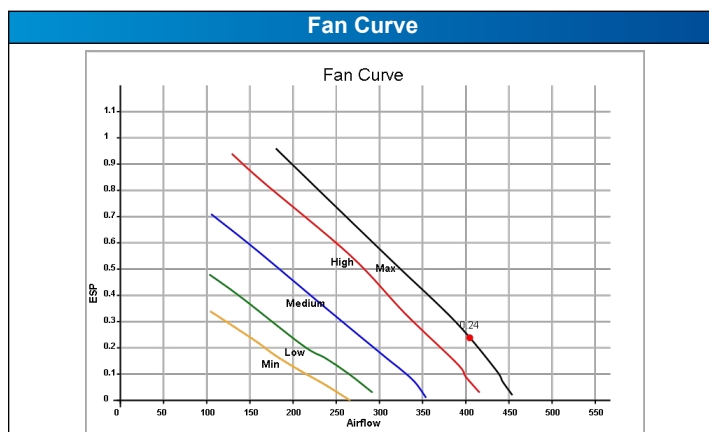
Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Right Hand
Coil 2 Air Vent	Manual

Chilled Water Coil Performance	
EAT DB / WB	77.5 / 65.4 (°F)
LAT DB / WB	58.9 / 57.7 (°F)
EWT / LWT	42 / 51.1 (°F)
Total Capacity	9.52 (MBH)
Sensible Capacity	7.98 (MBH)
Rows / FPI / Circuits	4 Row / 12 FPI / 2 Ckt
Fluid Flow	2.2 (GPM)
Fluid PD	4.39 (FT.WG)
Fluid Velocity	1.89 (FPS)
Air PD	0.19 (IN.WG)
Glycol Concentration	30
Tube Wall	0.016 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	95.5 (°F)
EWT / LWT	140 / 117.6 (°F)
Sensible Capacity	13.2 (MBH)
Fluid Flow	1.2 (GPM)
Rows / FPI / Circuits	2 Row / 12 FPI / 2 Ckt
Fluid PD	0.26 (FT.WG)
Fluid Velocity	1.03 (FPS)
Air PD	0.13 (IN.WG)
Tube Wall	0.016 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	70	62	57	53	51	49	42

Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.



Performance		
Model: VFE-C: Vertical Floor Mounted Exposed Cabinet (Flat Top)	Ship Cycle:	Standard Shipment
Size: 10	Printed Date:	07/22/2026
QTY: 1	Last Revised Date:	07/22/2026
Elevation: 630	Coil Version / Price Version:	8.12 / 1.2
	User:	Keith Clement
	Estimate ID# / Line#:	aAdVy000000KPrKAG / 11
Tag: FCU-3-6M		



General	
Unit Size	10
Unit Airflow	635 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.65 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.04 (IN.WG)
Weight	215 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(2) 1/4
Motor Type	ECM
Motor Qty	2
Total Motors FLA	5.8
Total FLA	5.8
Motor Spd	Max
Fan Qty	4
Fan RPM at CFM	1947
Fan Watts at CFM	234

Chilled Water Coil Performance	
EAT DB / WB	77.5 / 65.4 (°F)
LAT DB / WB	59 / 57.4 (°F)
EWT / LWT	42 / 52.1 (°F)
Total Capacity	15 (MBH)
Sensible Capacity	12.24 (MBH)
Rows / FPI / Circuits	3 Row / 12 FPI / 3 Ckt
Fluid Flow	3.3 (GPM)
Fluid PD	10.89 (FT.WG)
Fluid Velocity	3.29 (FPS)
Air PD	0.11 (IN.WG)
Glycol Concentration	30
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	5/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	99.4 (°F)
EWT / LWT	140 / 119.4 (°F)
Sensible Capacity	24.12 (MBH)
Fluid Flow	2.3 (GPM)
Rows / FPI / Circuits	1 Row / 12 FPI / 2 Ckt
Fluid PD	4.94 (FT.WG)
Fluid Velocity	3.44 (FPS)
Air PD	0.03 (IN.WG)
Tube Wall	0.012 (IN.)
Tube Diameter	3/8 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	62	66	61	60	55	49	44

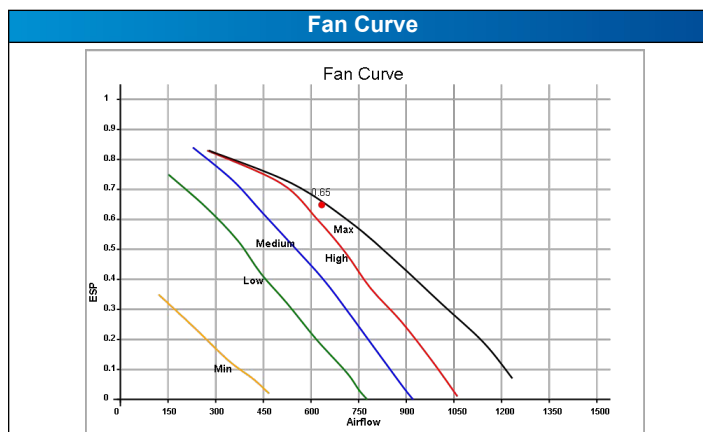
Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.

Unit Details	
Unit Color	Pearl White Satin
Insulation Type	Closed Cell Foam
Access Latches	Standard
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
Auxiliary Drip Pan	Plastic
Discharge Air Type	Stamped Louver Grille
Return Air Type	Stamped Louver Grille
MCA	6.52
MSCP	15
Control Enclosure Handling	Right Hand
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1
Additional Height	Standard Height
Additional Width	Standard Width
Extended End Pocket	RH Extended End Pocket

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handling	Left Hand
Coil 1 Air Vent	Manual

Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handling	Right Hand
Coil 2 Air Vent	Manual



Performance			
Model:	CDV: Vertical High Performance Front Return	Ship Cycle:	Standard Shipment
Size:	06	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/20/2026
Elevation:	630	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrTKAG / 12
Tag: FCU-3-8M			



General	
Unit Size	06
Unit Airflow	575 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.12 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.08 (IN.WG)
Weight	122 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/3
Motor Type	ECM
Motor Qty	1
Total Motors FLA	5
Total FLA	5
Motor Spd	Max
Fan Qty	1
Fan RPM at CFM	1050
Fan Watts at CFM	575

Unit Details	
Insulation Type	Closed Cell Foam
Return Air Location	Front Return
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
MCA	6.25
MSCP	15
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Left Hand
Coil 1 Air Vent	Manual

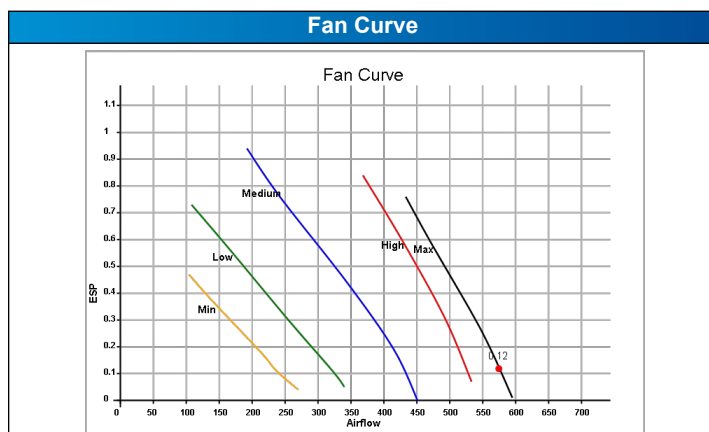
Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Left Hand
Coil 2 Air Vent	Manual

Chilled Water Coil Performance	
EAT DB / WB	77.5 / 65.4 (°F)
LAT DB / WB	59.5 / 58 (°F)
EWT / LWT	42 / 51.1 (°F)
Total Capacity	12.95 (MBH)
Sensible Capacity	10.94 (MBH)
Rows / FPI / Circuits	4 Row / 12 FPI / 2 Ckt
Fluid Flow	3 (GPM)
Fluid PD	9.25 (FT.WG)
Fluid Velocity	2.58 (FPS)
Air PD	0.25 (IN.WG)
Glycol Concentration	30
Tube Wall	0.016 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	93.2 (°F)
EWT / LWT	140 / 119.3 (°F)
Sensible Capacity	17.33 (MBH)
Fluid Flow	1.7 (GPM)
Rows / FPI / Circuits	2 Row / 12 FPI / 2 Ckt
Fluid PD	0.4 (FT.WG)
Fluid Velocity	1.46 (FPS)
Air PD	0.24 (IN.WG)
Tube Wall	0.016 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	78	71	63	59	57	56	49

Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.



Performance			
Model:	CDV: Vertical High Performance Front Return	Ship Cycle:	Standard Shipment
Size:	04	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/20/2026
Elevation:	630	Coil Version / Price Version:	8.12 / 1.2
		User:	Keith Clement
		Estimate ID# / Line#:	aAdVy000000KPrTKAG / 13
Tag: FCU-3-9M			



General	
Unit Size	04
Unit Airflow	455 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.02 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.05 (IN.WG)
Weight	118 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/3
Motor Type	ECM
Motor Qty	1
Total Motors FLA	5
Total FLA	5
Motor Spd	Max
Fan Qty	1
Fan RPM at CFM	1050
Fan Watts at CFM	575

Chilled Water Coil Performance	
EAT DB / WB	77.5 / 65.4 (°F)
LAT DB / WB	58.9 / 57.8 (°F)
EWT / LWT	42 / 52.6 (°F)
Total Capacity	10.59 (MBH)
Sensible Capacity	8.94 (MBH)
Rows / FPI / Circuits	4 Row / 12 FPI / 2 Ckt
Fluid Flow	2.1 (GPM)
Fluid PD	6.1 (FT.WG)
Fluid Velocity	2.07 (FPS)
Air PD	0.17 (IN.WG)
Glycol Concentration	30
Tube Wall	0.025 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	90.2 (°F)
EWT / LWT	140 / 112.3 (°F)
Sensible Capacity	12.26 (MBH)
Fluid Flow	0.9 (GPM)
Rows / FPI / Circuits	2 Row / 12 FPI / 2 Ckt
Fluid PD	0.21 (FT.WG)
Fluid Velocity	0.89 (FPS)
Air PD	0.16 (IN.WG)
Tube Wall	0.025 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	70	62	57	53	51	49	42

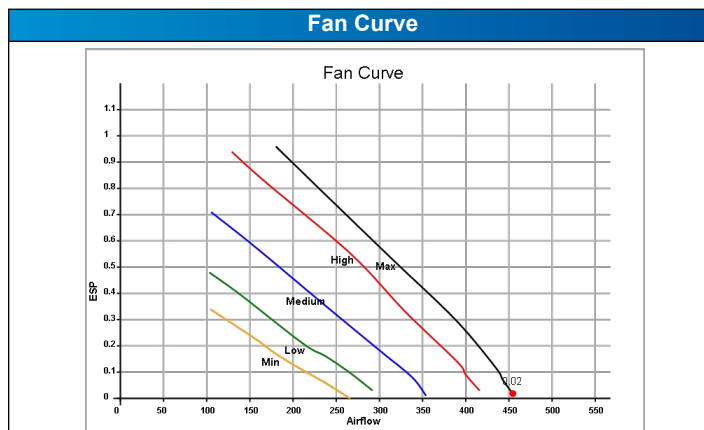
Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.

Unit Details	
Insulation Type	Closed Cell Foam
Return Air Location	Front Return
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
MCA	6.25
MSCP	15
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Left Hand
Coil 1 Air Vent	Manual

Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Left Hand
Coil 2 Air Vent	Manual



Performance			
Model:	CDV: Vertical High Performance Front Return	Ship Cycle:	Standard Shipment
Size:	04	Printed Date:	07/22/2026
QTY:	2	Last Revised Date:	07/22/2026
Elevation:	630	Coil Version / Price Version:	8.12 / 1.2
		User:	Hunter Hanna
		Estimate ID# / Line#:	aAdVy000000KPrKAG / 14
Tag: FCU-3-10M,FCU-3-11M			



General	
Unit Size	04
Unit Airflow	405 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.24 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.04 (IN.WG)
Weight	118 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/3
Motor Type	ECM
Motor Qty	1
Total Motors FLA	5
Total FLA	5
Motor Spd	Max
Fan Qty	1
Fan RPM at CFM	1050
Fan Watts at CFM	575

Unit Details	
Insulation Type	Closed Cell Foam
Return Air Location	Front Return
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
MCA	6.25
MSCP	15
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Right Hand
Coil 1 Air Vent	Manual

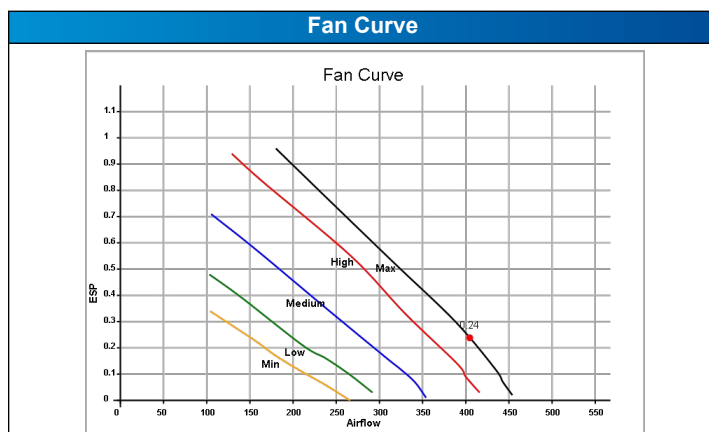
Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Right Hand
Coil 2 Air Vent	Manual

Chilled Water Coil Performance	
EAT DB / WB	77.5 / 65.4 (°F)
LAT DB / WB	58.2 / 57.3 (°F)
EWT / LWT	42 / 52.5 (°F)
Total Capacity	9.99 (MBH)
Sensible Capacity	8.27 (MBH)
Rows / FPI / Circuits	4 Row / 12 FPI / 2 Ckt
Fluid Flow	2 (GPM)
Fluid PD	5.61 (FT.WG)
Fluid Velocity	1.97 (FPS)
Air PD	0.15 (IN.WG)
Glycol Concentration	30
Tube Wall	0.025 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water w/ Propylene Glycol

Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	95 (°F)
EWT / LWT	140 / 116 (°F)
Sensible Capacity	12.99 (MBH)
Fluid Flow	1.1 (GPM)
Rows / FPI / Circuits	2 Row / 12 FPI / 2 Ckt
Fluid PD	0.27 (FT.WG)
Fluid Velocity	1.08 (FPS)
Air PD	0.13 (IN.WG)
Tube Wall	0.025 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	70	62	57	53	51	49	42

Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.



Performance			
Model:	CDV: Vertical High Performance Front Return	Ship Cycle:	Standard Shipment
Size:	04	Printed Date:	07/22/2026
QTY:	1	Last Revised Date:	07/20/2026
Elevation:	630	Coil Version / Price Version:	8.12 / 1.2
		User:	Hunter Hanna
		Estimate ID# / Line#:	aAdVy000000KPrKAG / 15
Tag: FCU-3-7M			



General	
Unit Size	04
Unit Airflow	405 (CFM)
Motor Voltage	115/1/60 ECM
Unit Capacity	Standard
ESP	0.24 (IN.WG)
Filter Type	1 Inch Pleated (MERV 8)
Filter PD	0.04 (IN.WG)
Weight	118 (LBS)
Ship Cycle	Standard Shipment
Motor HP	(1) 1/3
Motor Type	ECM
Motor Qty	1
Total Motors FLA	5
Total FLA	5
Motor Spd	Max
Fan Qty	1
Fan RPM at CFM	1050
Fan Watts at CFM	575

Unit Details	
Insulation Type	Closed Cell Foam
Return Air Location	Front Return
Coil Casing Material	Galvanized
Drain Pan Material	Stainless Steel Drain Pan
Drain Pan Float Switch	Yes
MCA	6.25
MSCP	15
Disconnect Switch	Non-Fused Door Interlock Disconnect (40 Amp)
Basic Control Package	BC02 24V, Unit S/S Relay / Fan Relay
Spare Filter	1 Inch Pleated (MERV 8)
Spare Filter Set Qty	1

Electrical Details	
Motor Control	Sync (Remote Signal Adj 2-10VDC)

Chilled Water Coil Details	
Coil 1 Type	Chilled Water
Coil 1 Handing	Left Hand
Coil 1 Air Vent	Manual

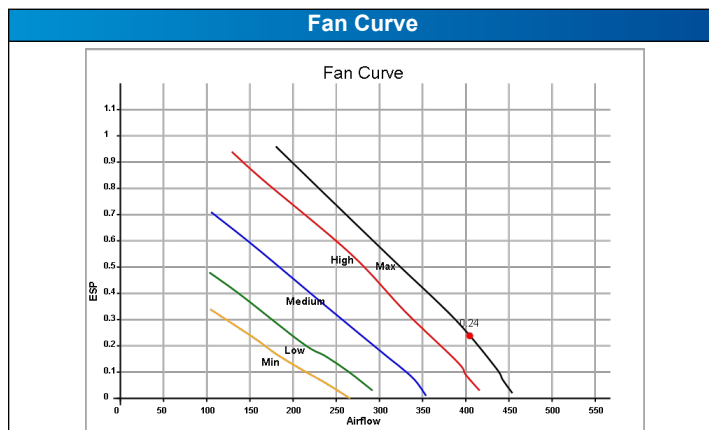
Hot Water Coil Details	
Coil 2 Type	Hot Water
Coil 2 Handing	Left Hand
Coil 2 Air Vent	Manual

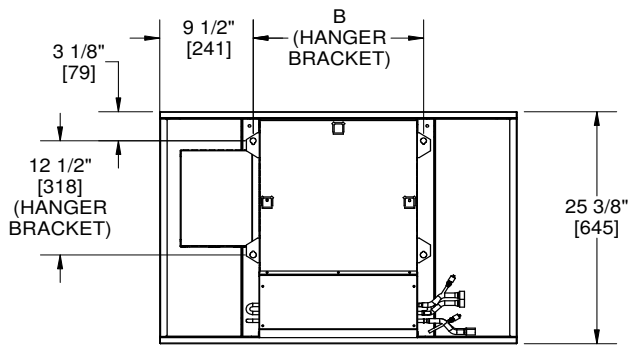
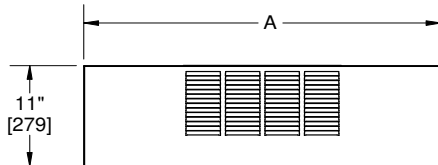
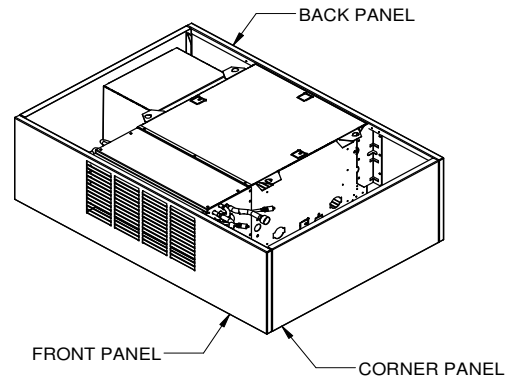
Chilled Water Coil Performance	
EAT DB / WB	77.5 / 65.4 (°F)
LAT DB / WB	57.8 / 56.9 (°F)
EWT / LWT	42 / 52 (°F)
Total Capacity	10.43 (MBH)
Sensible Capacity	8.46 (MBH)
Rows / FPI / Circuits	4 Row / 12 FPI / 2 Ckt
Fluid Flow	2.2 (GPM)
Fluid PD	6.63 (FT.WG)
Fluid Velocity	2.16 (FPS)
Air PD	0.15 (IN.WG)
Glycol Concentration	30
Tube Wall	0.025 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water w/ Propylene Glycol

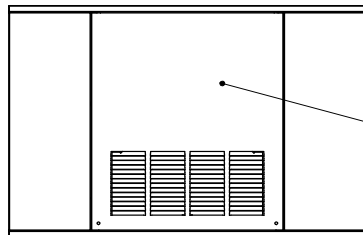
Hot Water Coil Performance (Re - Heat)	
EAT DB	65 (°F)
LAT DB	96.2 (°F)
EWT / LWT	140 / 117.1 (°F)
Sensible Capacity	13.49 (MBH)
Fluid Flow	1.2 (GPM)
Rows / FPI / Circuits	2 Row / 12 FPI / 2 Ckt
Fluid PD	0.29 (FT.WG)
Fluid Velocity	1.18 (FPS)
Air PD	0.13 (IN.WG)
Tube Wall	0.025 (IN.)
Tube Diameter	1/2 (IN.)
Coil Connection Size	5/8
Fluid Type	Water

Sound Data at Max Fan Speed							
Band	2	3	4	5	6	7	8
Freq.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
Ducted Dis.	70	62	57	53	51	49	42

Unit data is certified in accordance with AHRI-440. Sound data tested in accordance with AHRI-350-2000. Unit pressure drop and L/s based upon dry coil as required by AHRI-440. Scheduled motor information is for High Speed. The coil selection has been made at Standard conditions. Outside Airflow is a user input value for scheduling purposes.




TOP VIEW

FRONT VIEW

RIGHT VIEW

BOTTOM VIEW
BOTTOM PANEL

DIMENSIONS		
UNIT SIZE	A	B
02	36 1/4" [921]	17 1/4" [438]
03	39 1/2" [1003]	20 1/2" [521]
04	44 1/2" [1130]	25 1/2" [648]
06	51 1/4" [1302]	32 1/4" [819]
08	58 1/4" [1480]	39 1/4" [997]
09	62 1/2" [1588]	43 1/2" [1105]
10	72 1/4" [1835]	53 1/4" [1353]
12	80 1/4" [2038]	61 1/4" [1556]

NOTES:

1. All dimensions are inches [millimeters]. All dimensions $\pm 1/4"$ [6mm]. Metric values are soft conversions.
2. Left hand unit shown, right hand unit opposite.
3. Provide sufficient clearance to access electrical controls and comply with applicable codes and ordinances.
4. Drain piping should be routed through casing opening indicated to provide proper slope.
5. Bottom panel removable for access to filter and fan assembly.
6. Corner panels are removable to access electrical enclosure, coil and valve pack.
7. Internal insulation of field piping may be required.
8. Field piping casing penetrations must be cut in the field to match individual job requirements.
9. All dimensions also apply to units with Electric Heat Only.

TITLE:
Model: HLE-D

Horizontal Fan Coil Low Profile Exposed Cabinet - Bottom Return



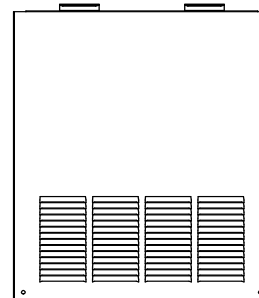
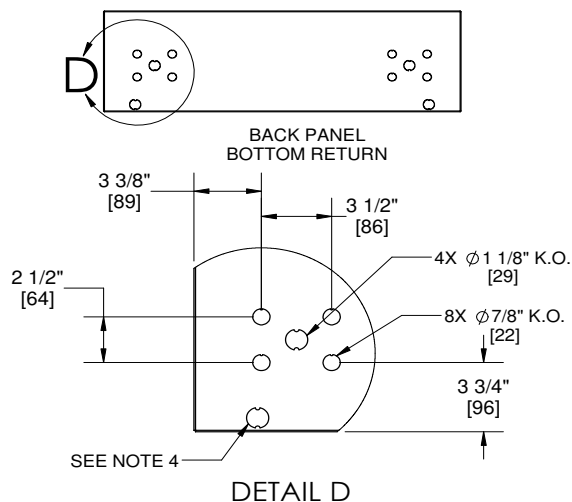
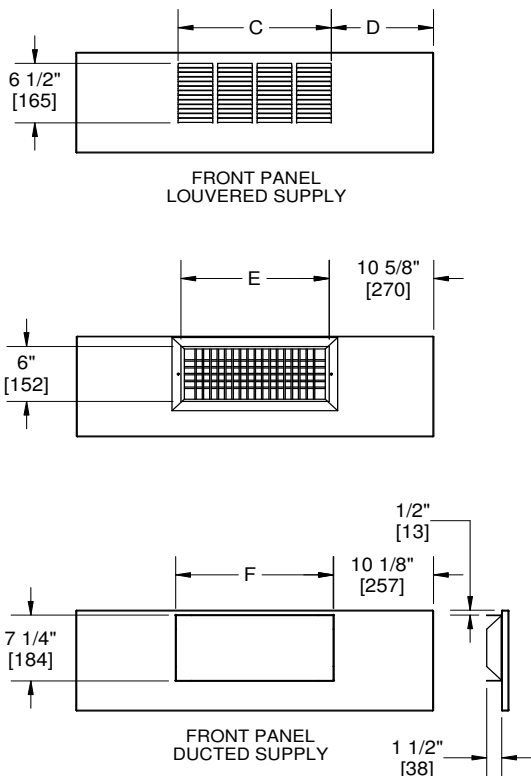
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47-80117



**BOTTOM PANEL
BOTTOM RETURN**

DIMENSIONS				
UNIT SIZE	C	D	E	F
02	15 1/2" [394]	10 3/8" [264]	15" [381]	16" [406]
03	15 1/2" [394]	12" [305]	18" [457]	19 1/4" [489]
04	23 1/2" [597]	10 1/2" [267]	23" [584]	24 1/4" [616]
06	27 1/2" [699]	11 7/8" [302]	30" [762]	31" [787]
08	35 1/2" [902]	11 3/8" [289]	37" [940]	38" [965]
09	39 1/2" [1003]	11 1/2" [292]	41" [1041]	42 1/4" [1073]
10	51 1/2" [1308]	10 3/8" [264]	23" [584]	52" [1321]
12	59 1/2" [1511]	10 3/8" [264]	27" [686]	60" [1524]

NOTES:

1. All dimensions are inches [millimeters]. All dimensions $\pm 1/4"$ [6mm]. Metric values are soft conversions.
2. Left hand unit shown, right hand unit opposite.
3. Provide sufficient clearance to access electrical controls and comply with applicable codes and ordinances.
4. Drain piping should be routed through casing opening indicated to provide proper slope.
5. Bottom panel removable for access to filter and fan assembly.
6. Corner panels are removable to access electrical enclosure, coil and valve pack.
7. Internal insulation of field piping may be required.
8. Field piping casing penetrations must be cut in the field to match individual job requirements.
9. All dimensions also apply to units with Electric Heat Only.

TITLE:

Model: HLE-D

Horizontal Fan Coil Low Profile Exposed Cabinet - Bottom Return



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DATE:

10/04/2019

ECR#:

REV:

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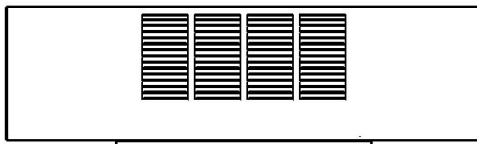
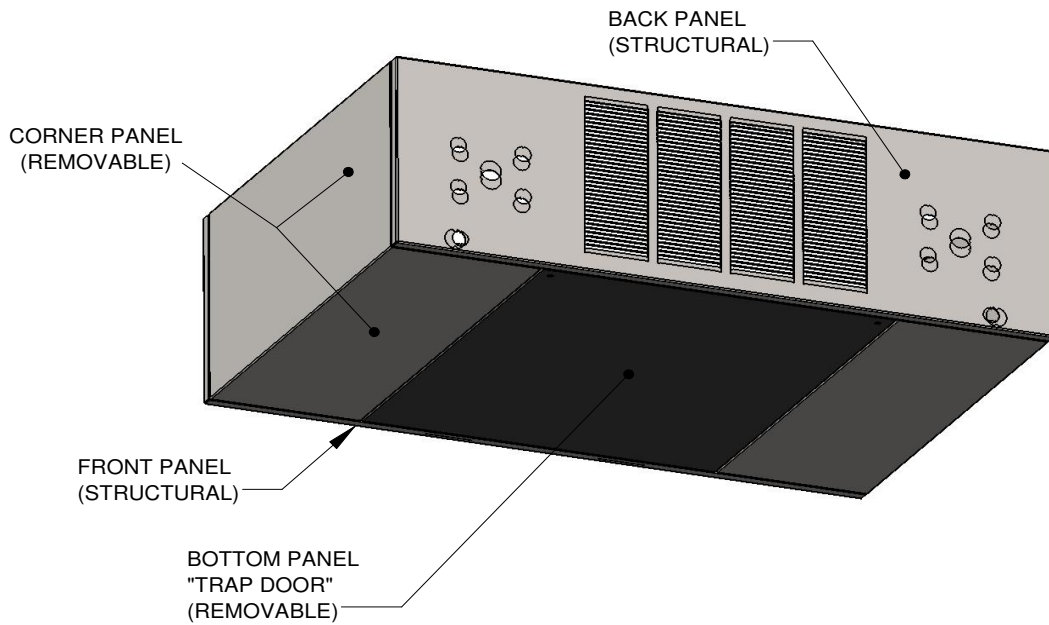
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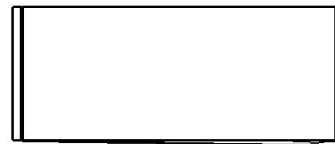
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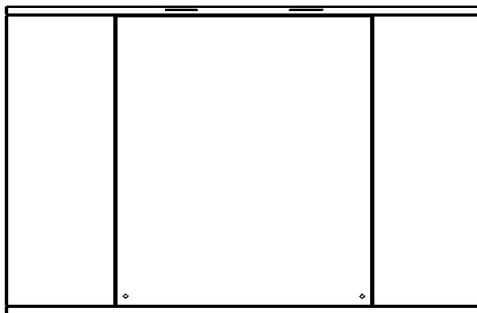
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FRONT VIEW
 TRAP DOOR OPENED 1" [25]



RIGHT VIEW
 TRAP DOOR OPENED 1" [25]



BOTTOM VIEW
 TRAP DOOR OPENED 1" [25]

TITLE:
Model: HLE-D
 Horizontal Fan Coil Low Profile Exposed Cabinet- Service Envelope



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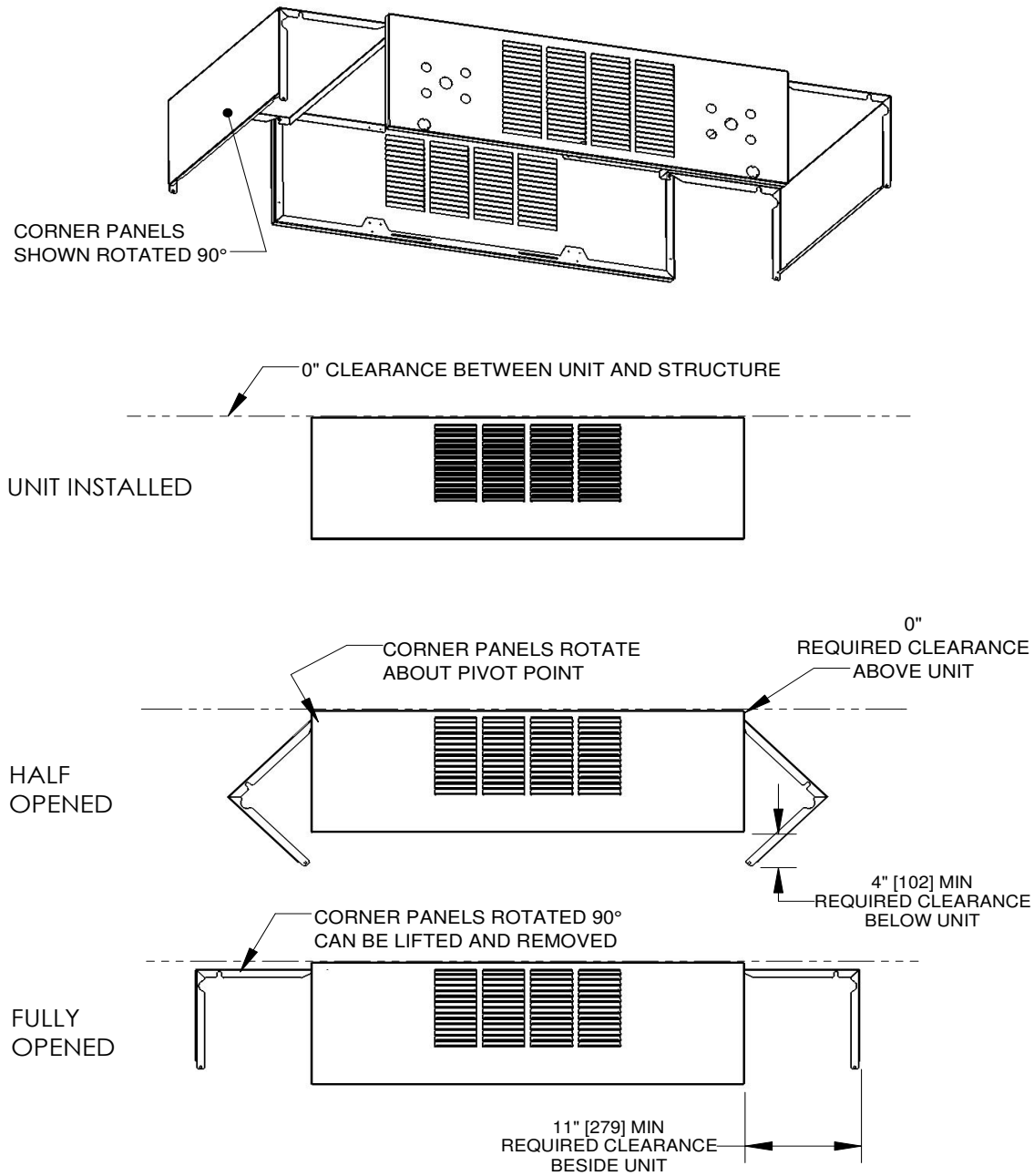
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ECR#: REV:
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DRAWING NO:
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HEIGHT RESTRICTED APPLICATION



TITLE:

Model: HLE-D

Horizontal Fan Coil Low Profile Exposed Cabinet- Service Envelope



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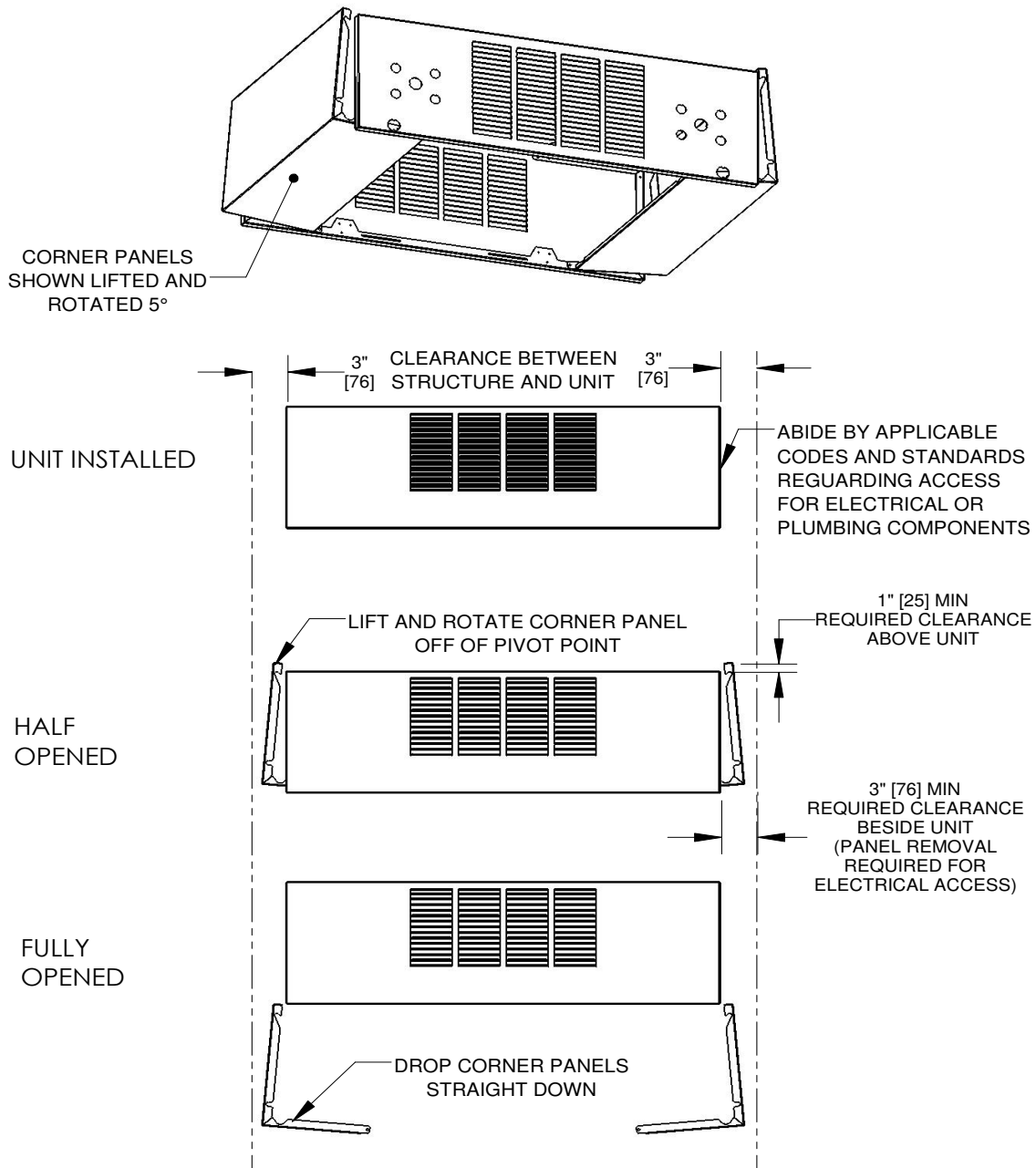
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WIDTH RESTRICTED APPLICATION



TITLE:

Model: HLE-D

Horizontal Fan Coil Low Profile Exposed Cabinet- Service Envelope



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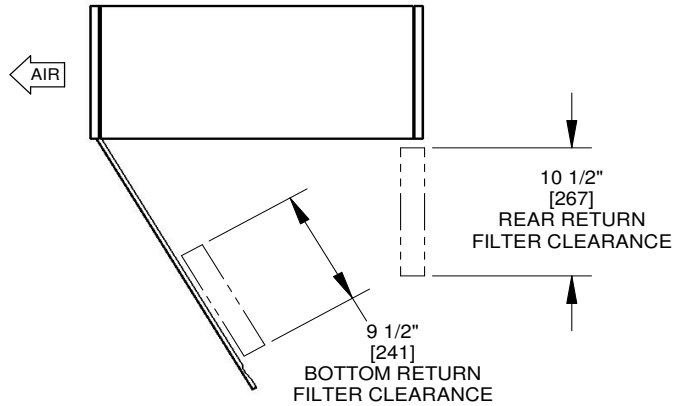
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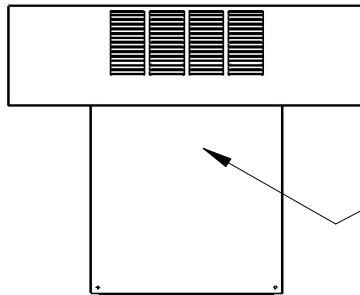
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RIGHT VIEW
FILTER ACCESS DETAIL
TRAP DOOR OPENED



FRONT VIEW
ACCESS SEQUENCE
DETAIL 1

TRAP DOOR RETAINED BY 1/4 TURN HARDWARE
SWINGS OPEN ON INTEGRATED HINGE-FLANGE
OPEN TRAP DOOR TO ACCESS:

- AIR FILTER
- BLOWER ACCESS PANEL
- ELECTRIC HEAT ACCESS PANEL
- CORNER PANEL MOUNTING HARDWARE



FRONT VIEW
ACCESS SEQUENCE
DETAIL 2

AFTER OPENING TRAP DOOR
CORNER PANELS MAY BE REMOVED
EACH CORNER PANEL RETAINED BY QTY (2)

- #10 HEX HEAD SCREWS
OPEN CORNER PANELS TO ACCESS:
- ELECTRICAL ENCLOSURE
 - VALVE PACKAGE

TITLE:

Model: HLE-D

Horizontal Fan Coil Low Profile Exposed Cabinet- Service Envelope



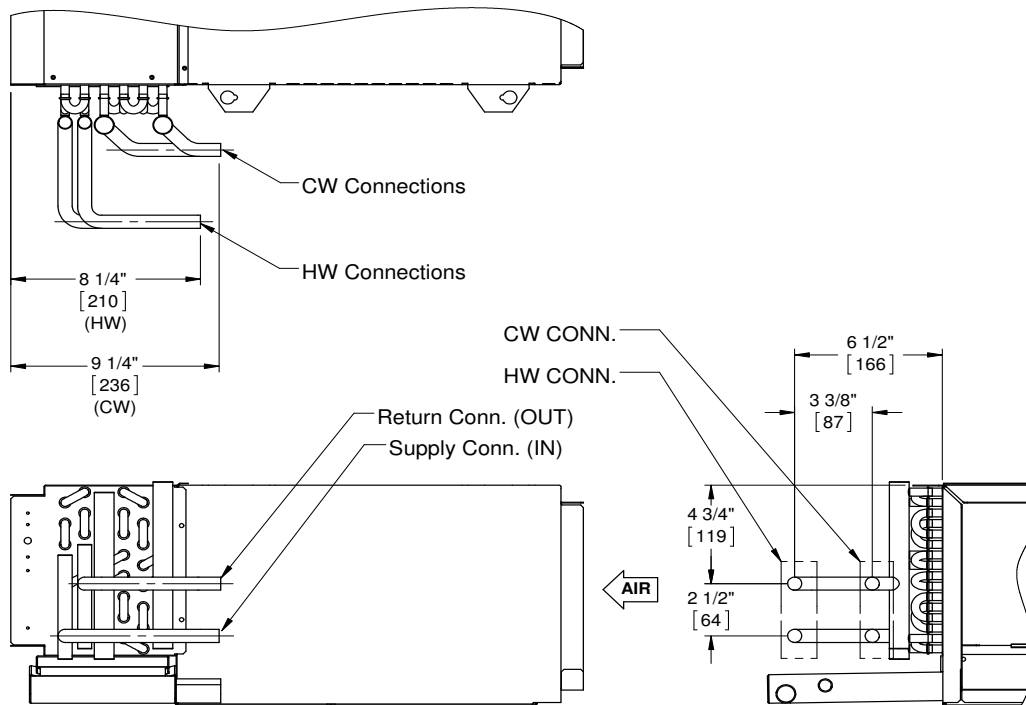
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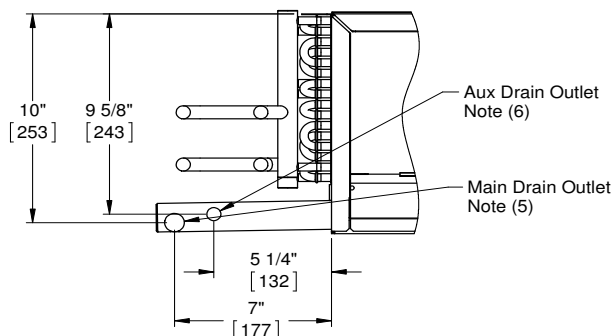
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DRAWING NO:
47-80118



4 PIPE RE-HEAT FOR VALVE PACKAGES (LEFT HAND)



DRAIN LOCATIONS

NOTES:

1. All dimensions are inches [millimeters]
All dimensions $\pm 1/2$ [13mm].
Metric values are soft conversion.
2. All drawings subject to change without notice.
3. Plenum model unit shown, typical for the free return model units. Connections shown are internal on exposed model units.
4. Connection Size:
Chilled Water: 5/8 ODM (1/2" NOM.)
Hot Water: 5/8 ODM (1/2" NOM.)
5. Standard externally foam coated galvanize steel drain pan has 7/8" ODM copper outlet. Stainless steel drain pan has 3/4" MPT galvanize steel outlet.
6. Aux. drain outlet is 5/8" ODM copper or 3/8" MPT galvanized steel respectively. Aux. drain outlet is always closest to the unit when facing outlet end of drain pan, regardless of unit hand.

TITLE:

Model: HLE-D

Horizontal Fan Coil Low Profile - 4-P LH Water Coil Connection Locations



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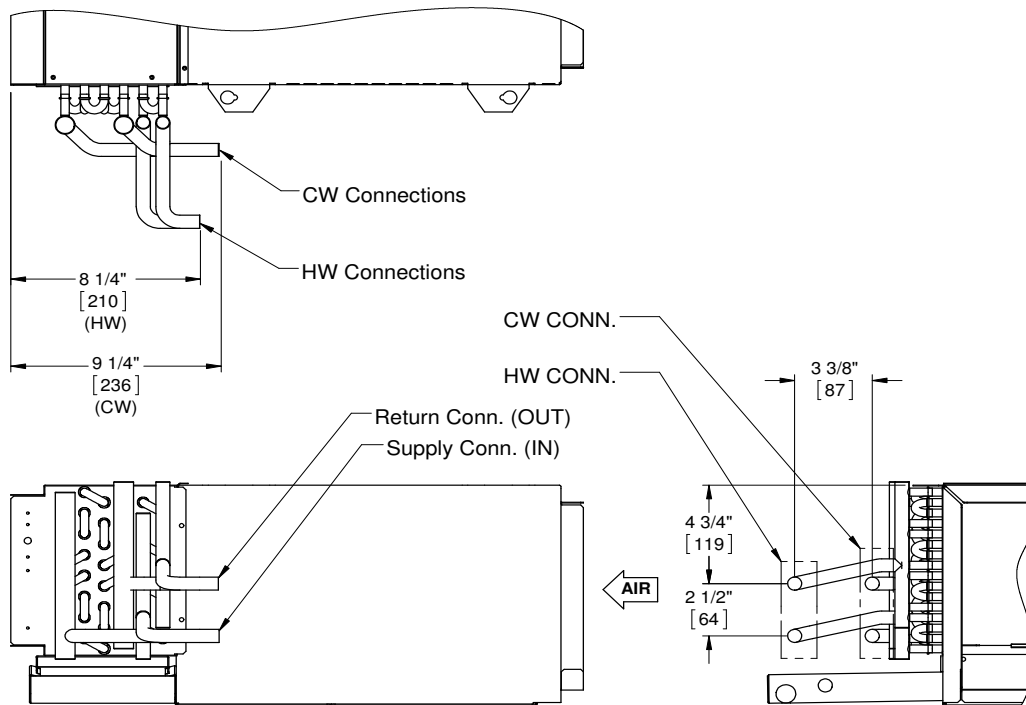
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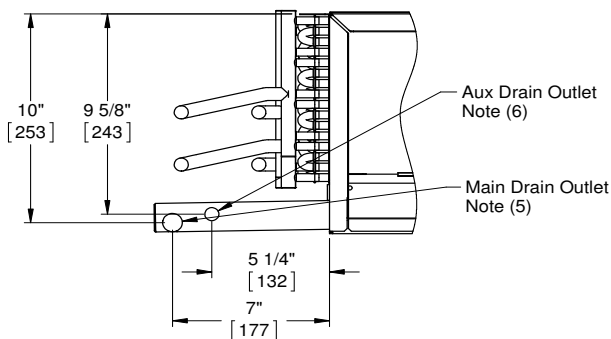
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DRAWING NO:

47-80126



4 PIPE PRE-HEAT FOR VALVE PACKAGES (LEFT HAND)



DRAIN LOCATIONS

NOTES:

1. All dimensions are inches [millimeters]
All dimensions $\pm 1/2$ [13mm].
Metric values are soft conversion.
2. All drawings subject to change without notice.
3. Plenum model unit shown, typical for the free return model units. Connections shown are internal on exposed model units.
4. Connection Size:
Chilled Water: 5/8 ODM (1/2" NOM.)
Hot Water: 5/8 ODM (1/2" NOM.)
5. Standard externally foam coated galvanize steel drain pan has 7/8" ODM copper outlet. Stainless steel drain pan has 3/4" MPT galvanize steel outlet.
6. Aux. drain outlet is 5/8" ODM copper or 3/8" MPT galvanized steel respectively. Aux. drain outlet is always closest to the unit when facing outlet end of drain pan, regardless of unit hand.

TITLE:

Model: HLE-D

Horizontal Fan Coil Low Profile - 4-P LH Water Coil Connection Locations



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ECR#:

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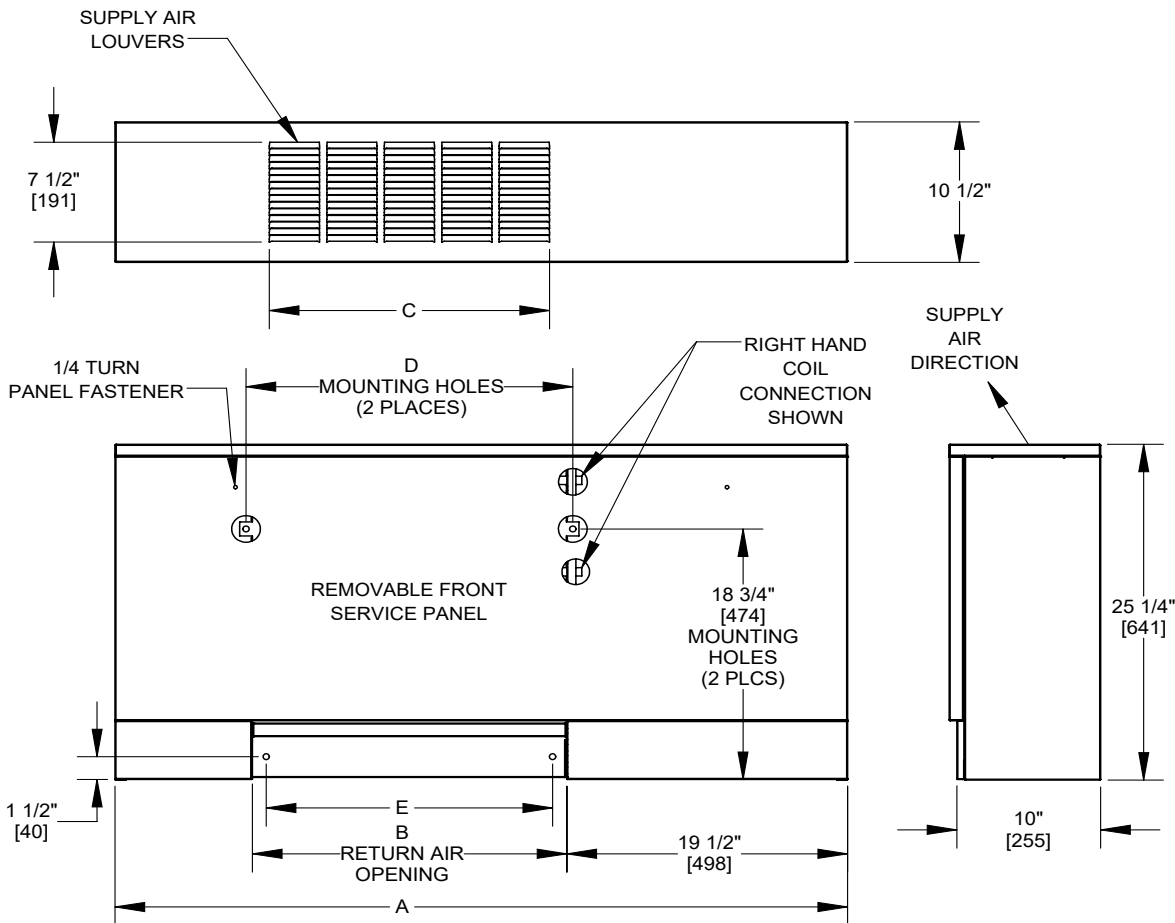
47-80126



NOTES

1. All dimensions are in inches [millimeters]. All dimensions are $\pm 1/4"$ [6mm]. Metric valves are soft conversion.
2. Junction box size and location varies with unit features. Control options may be limited. Provide sufficient clearance to access electrical controls and comply with applicable codes and ordinances.
3. Standard cabinet finish is "Pearl White Satin".
4. Parametric design available to increase Height. (See parametric offerings drawing)
5. Some control or piping package options may require extended end pockets and/or extended drain pans.
6. False back extension available.
7. Right hand extended end pocket shown. Left hand unit similar, but opposite.

UNIT MODEL	DIMENSIONS				
	A	B	C	D	E
Size 02	51 [1245]	22 [559]	19 1/2 [495]	22 3/4 [578]	20 [508]
Size 03	55 [1397]	26 [660]	23 1/2 [597]	26 3/4 [679]	24 [607]
Size 04	61 [1549]	32 [813]	27 1/2 [699]	32 3/4 [832]	30 [762]
Size 06	71 [1803]	42 [1067]	39 1/2 [1003]	42 3/4 [1086]	40 [1016]
Size 08	73 [1854]	44 [1118]	39 1/2 [1003]	44 3/4 [1137]	42 [1067]
Size 10	87 [2209]	58 [1473]	55 1/2 [1410]	58 3/4 [1492]	53 [1347]
Size 12	95 [2413]	66 [1676]	63 1/2 [1613]	66 3/4 [1695]	64 [1626]



TITLE:

Model: VFE-C

Vertical Fan Coil Exposed Cabinet - Extended Pocket



ENVIRO-TEC

DATE:

08/07/2015

DRAWING NO:

51-80082

ECR#:

REV:

2

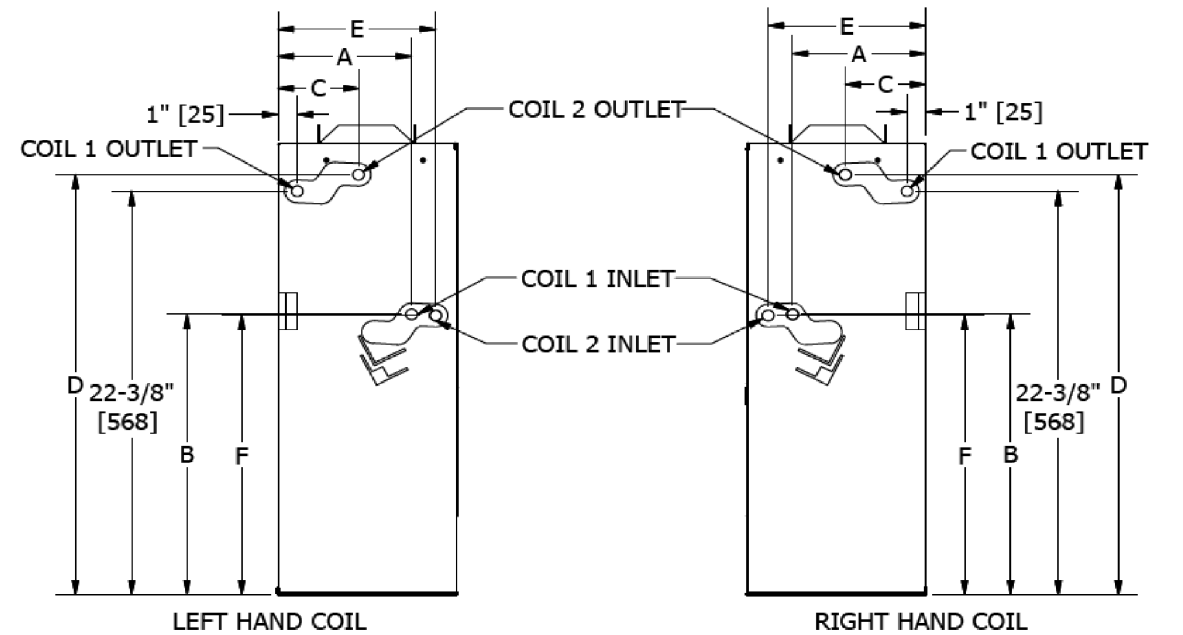
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COIL 1 & COIL 2
WATER COIL CONNECTIONS



4-PIPE - ALL UNIT SIZES					
COIL # 1	DIMENSION	COIL ROWS			
		HW ONLY 1 ROW	CW / HW 2 ROWS		CW / HW 3 ROWS
	A	6.0" [152]	7.25" [184]		7.87" [200]
	B	14.57" [370]	14.64" [372]		15.68" [398]
COIL # 2	DIMENSION	CW ONLY 2 ROW	CW ONLY 3 ROW	CW / HW 1 ROW	CW / HW 2 ROW
	C	2.22" [56]	2.22" [56]	2.90" [74]	2.90" [74]
	D	22.30" [566]	22.30" [566]	23.35" [593]	23.35" [593]
	E	6.88" [175]	8.13" [207]	6.88" [175]	8.13" [207]
	F	15.55" [395]	15.45" [391]	15.55" [395]	15.45" [391]

- NOTES:
- 1. All Coils Are 5/8" OD Connections.
 - 2. 4-Row Coil Not Available With Electric Heat.

TITLE:

Model: VFE-C

Vertical Fan Coil - 2-P Water Coil Connection Locations



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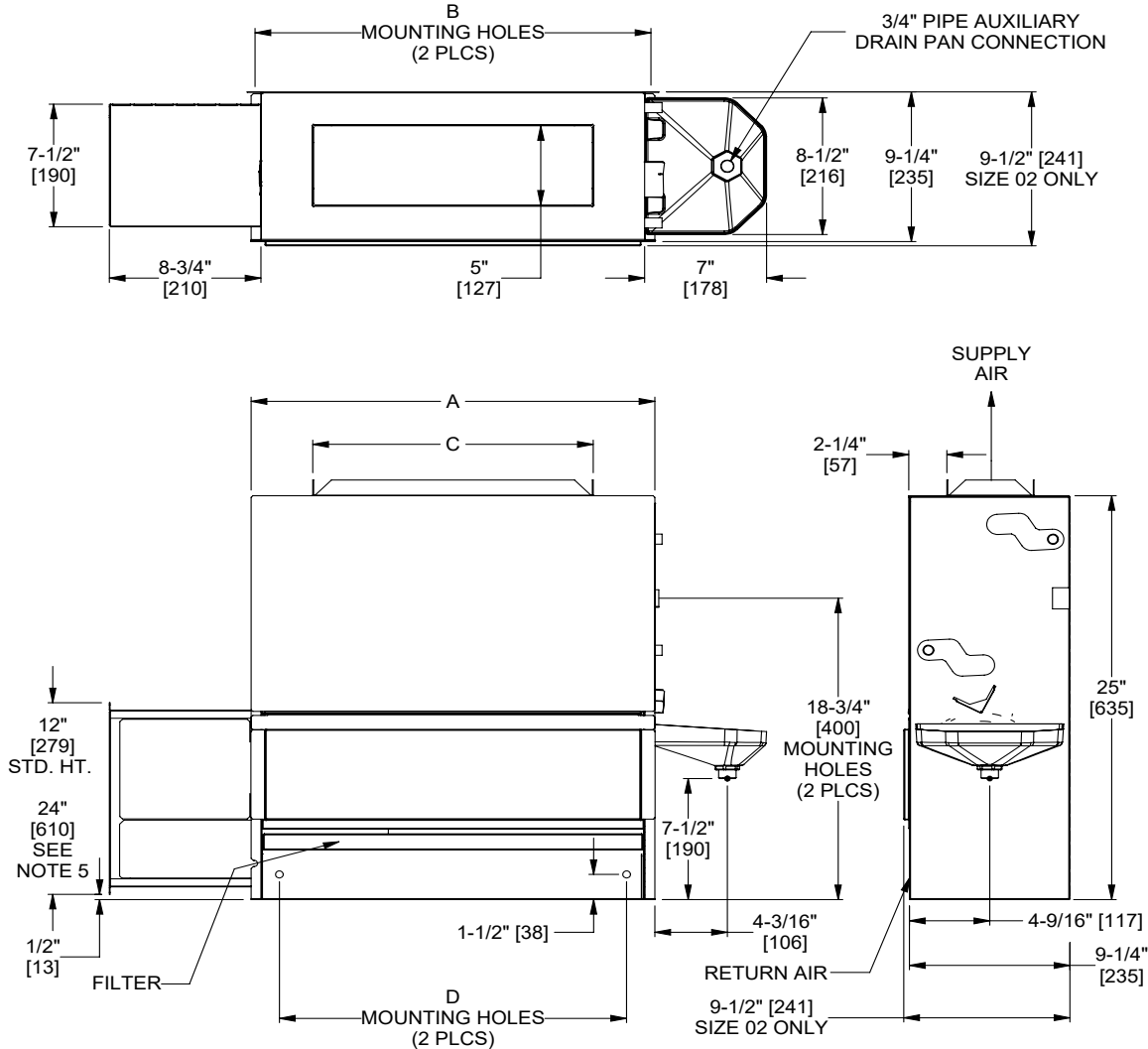
ECR#: REV:
A

DRAWING NO:
51-80069

NOTES

1. All dimensions are in inches [millimeters]. All dimensions are $\pm 1/4"$ [6mm]. Metric valves are soft conversion.
2. Junction box size and location varies w/ unit features. Control options may be limited. Provide sufficient clearance to access electrical controls and comply w/ applicable codes and ordinances. Reduced height control enclosure is standard with opposite end coils.
3. Right hand coil connection shown. Left hand unit similar but opposite.
4. Some piping package options may require extended drain pans.
5. Full size enclosure for when either Electric Heat, Motor Transformer, unit mounted T.Stat or unit mounted 3 speed switch are used.

UNIT MODEL	DIMENSIONS			
	A	B	C	D
Size 02	23-3/16" [589]	22-3/4 [578]	16" [406]	20" [508]
Size 03	27-3/16" [691]	26-3/4" [679]	20" [508]	24" [610]
Size 04	33-3/16" [843]	32-3/4" [832]	26" [660]	30" [762]
Size 06	43-3/16" [1097]	42-3/4" [1086]	36" [914]	40" [1016]
Size 08	45-3/16" [1148]	44-3/4" [1137]	38" [965]	42" [1067]
Size 10	59-3/16" [1503]	58-3/4" [1492]	52" [1320]	56" [1422]
Size 12	67-3/16" [1707]	66-3/4" [1695]	60" [1524]	64" [1626]


TITLE:
Model: VFC-C
Vertical Fan Coil Concealed Cabinet - Top Air Supply

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11/16/2009

ECR#:

REV:

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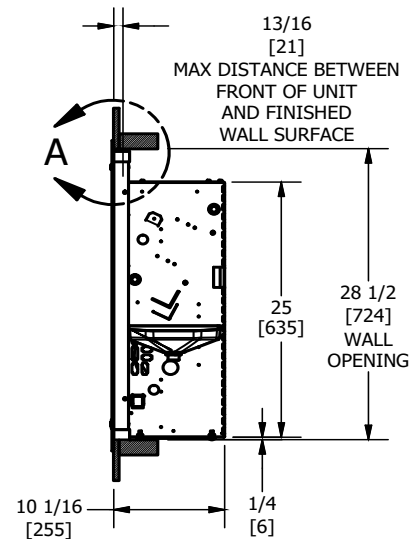
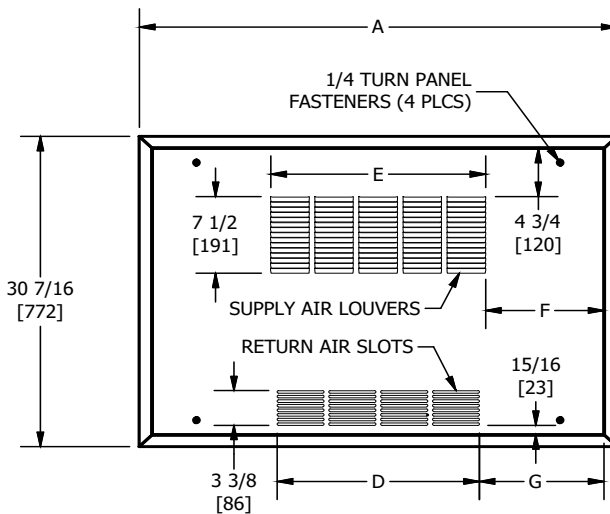
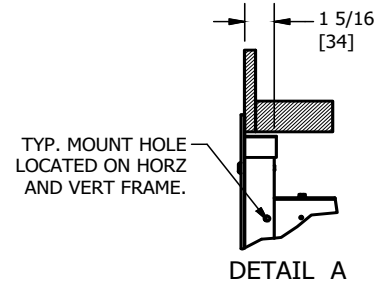
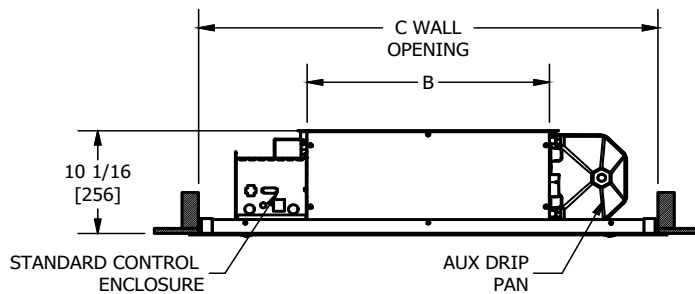
DRAWING NO:

51-80067

NOTES:

1. All dimensions are Inches [millimeters]. All dimensions are $\pm 1/4"$ [6mm]. Metric values are soft conversion.
2. Wall panel provides air seal at front of unit. Installed location is critical to proper unit operation.
3. Install unit centered in wall opening dimensions shown.
4. Unit may require raised support to achieve proper vertical alignment with wall panel.
5. Right hand unit shown, left hand unit opposite.
6. Mounting hardware furnished by others.

UNIT SIZE	DIMENSIONS						
	A	B	C	D	E	F	G
02	43 7/16 [1101]	22 [559]	41 11/16 [1059]	18 3/8 [467]	19 1/2 [495]	10 3/4 [273]	11 5/16 [288]
03	47 7/16 [1203]	26 [660]	45 11/16 [1160]	23 1/16 [586]	23 1/2 [597]	10 3/4 [273]	11 [279]
04	53 7/16 [1355]	32 [813]	51 11/16 [1313]	27 3/4 [705]	27 1/2 [699]	11 3/4 [298]	11 5/8 [295]
06	63 7/16 [1609]	42 [1067]	61 11/16 [1567]	37 1/8 [943]	39 1/2 [1003]	10 3/4 [273]	11 15/16 [303]
08	65 7/16 [1660]	44 [1118]	63 11/16 [1618]	41 7/8 [1064]	39 1/2 [1003]	11 3/4 [298]	10 9/16 [269]
10	79 7/16 [2015]	58 [1473]	77 11/16 [1973]	55 15/16 [1421]	55 1/2 [1410]	10 3/4 [273]	10 9/16 [269]
12	87 7/16 [2219]	66 [1676]	85 11/16 [2176]	60 5/8 [1540]	63 1/2 [1613]	10 3/4 [273]	12 3/16 [309]


TITLE:
Model: VFC-C
Vertical Fan Coil Concealed Cabinet - Recessed Wall Panel, Supply and Return


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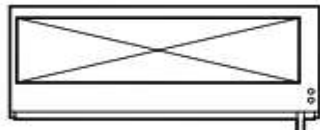
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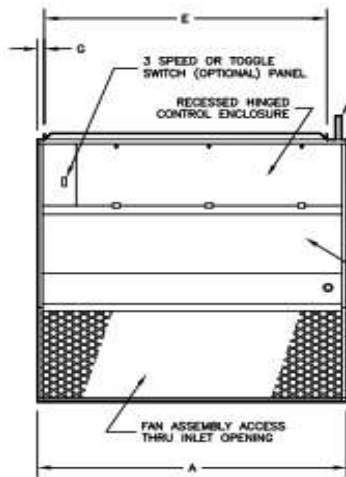
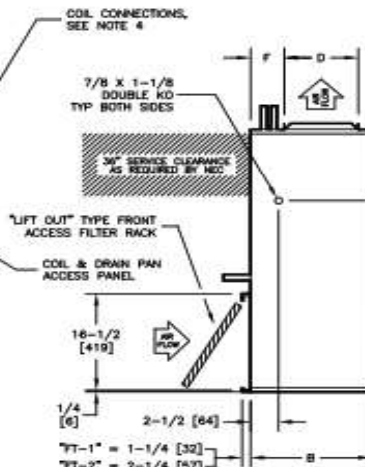
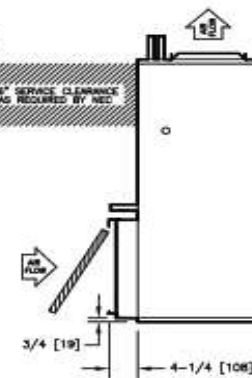
51-80080


TOP VIEW

DRAIN OUTLET,
SEE NOTE 4

NOTES:

1. All dimensions are inches [millimeters].
All dimensions are $\pm 1/4"$ [6mm]. Metric values are soft conversion.
2. All drawings subject to change without prior notice.
3. Right hand unit shown, left hand unit opposite.
4. See coil connection drawing 50-80020 and 50-80021 for coil connection sizes and locations.
5. Front return units are not designed for use with a ducted return.
6. Dimensions shown apply to filter access panel for unit sizes 04-08 only.


FRONT VIEW

SIDE VIEW

SIDE VIEW

SIZES 04-08 ONLY
SEE NOTE 6

DIMENSIONS - in/mm

UNIT SIZE	A	B	C	D	E	F	G
04-06	22 [559]	15 [381]	48 [1219]	7-1/2 [190]	17 [432]	5-3/4 [146]	1-1/4 [32]
08	22 [559]	15 [381]	48 [1219]	10 [254]	17 [432]	3-1/4 [83]	1-1/4 [32]
10-12	29 [737]	18 [457]	48 [1219]	12-3/4 [324]	24 [610]	3-3/4 [96]	1-1/4 [32]
16-20	46 [1168]	18 [457]	48 [1219]	12-3/4 [324]	38 [965]	3-3/4 [96]	3 [76]

TITLE:
Model: CDV

Vertical Fan Coil High Performance - Standard, Front Return


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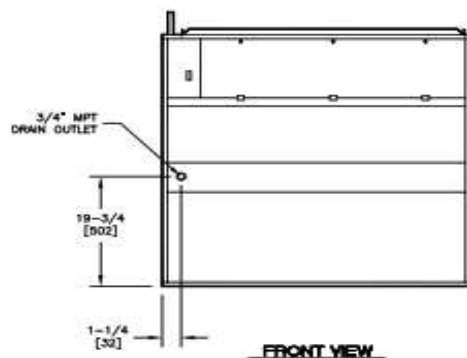
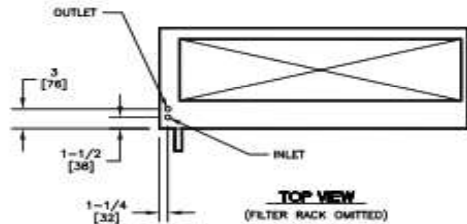
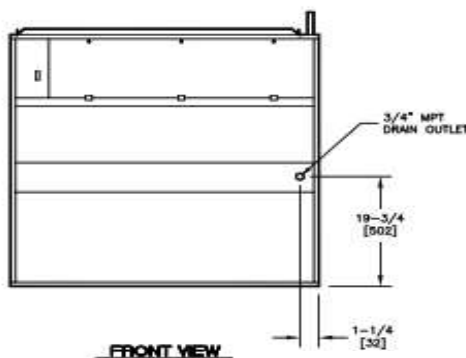
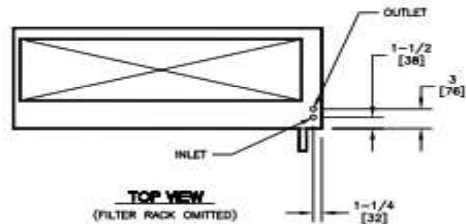
ECR#:

REV:

1

DRAWING NO:

50-80018


LEFT HAND UNIT

RIGHT HAND UNIT
NOTES:

1. All dimensions are inches [millimeters]. All dimensions are $\pm 1/2"$ [13mm]. Metric values are soft conversion.
2. All drawings subject to change without prior notice.
3. All coil connections are ODM copper sweat unless noted otherwise.
4. Heating-only units may not include a drain pan. See actual order documents.
5. Field piping should be based on individual job requirements, not unit connection size.

CONNECTION SIZES

UNIT SIZE	3 ROW COIL			4 ROW COIL			6 ROW COIL		
	WATER IN/OUT	REFRIGERANT LIQUID	REFRIGERANT SUCTION	WATER IN/OUT	REFRIGERANT LIQUID	REFRIGERANT SUCTION	WATER IN/OUT	REFRIGERANT LIQUID	REFRIGERANT SUCTION
04									
06	5/8 [16]			5/8 [16]			7/8 [22]	5/8 [16]	5/8 [16]
08		5/8 [16]	5/8 [16]		5/8 [16]	5/8 [16]			
10	7/8 [22]			7/8 [22]					
12									
16	7/8 [22]	5/8 [16]	5/8 [16]	1-1/8 [29]	5/8 [16]	5/8 [16]	1-1/8 [29]	5/8 [16]	5/8 [16]
20									

TITLE:
Model: CDV
Vertical Fan Coil High Performance - 3,4,6 Row Water-Coil Connection Locations

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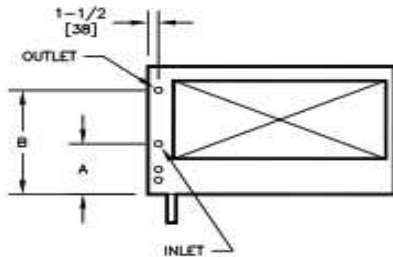
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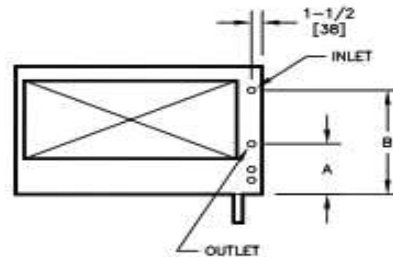
NOTES:

1. All dimensions are inches [millimeters].
All dimensions are $\pm 1/2"$ [13mm]. Metric values are soft conversion.
2. All drawings subject to change without prior notice.
3. All coil connections are ODM copper sweat unless noted otherwise.
4. Heating-only units may not include a drain pan. See actual order documents.
5. Field piping should be based on individual job requirements, not unit connection size.



TOP VIEW
(FILTER RACK OMITTED)

LEFT HAND UNIT



TOP VIEW
(FILTER RACK OMITTED)

RIGHT HAND UNIT

DIMENSIONS - Inmm

UNIT SIZE	1 ROW LEFT HAND COIL			2 ROW LEFT HAND COIL			1 ROW RIGHT HAND COIL			2 ROW RIGHT HAND COIL		
	WATER IN/OUT	A	B	WATER IN/OUT	A	B	WATER IN/OUT	A	B	WATER IN/OUT	A	B
04	5/8 [16]	6 [152]	12-1/4 [311]	5/8 [16]	6 [152]	12-1/4 [311]	5/8 [16]	6-1/2 [165]	13 [330]	5/8 [16]	6-1/2 [165]	13 [330]
06												
08		4-1/2 [114]	12 [305]		5 [127]	12 [305]		5 [127]	12-1/2 [318]		5 [127]	12 [305]
10		5-1/2 [140]	15-1/2 [394]		6 [152]	14-1/4 [362]		5 [127]	15 [381]		6-1/8 [156]	14-1/4 [362]
12												
16		5 [127]	15-1/2 [394]		5 [127]	15-1/2 [394]		5 [127]	15-1/2 [394]		5 [127]	15-1/2 [394]
20												

TITLE:

Model: CDV

Vertical Fan Coil High Performance - 1, 2 Hot Water-Coil Connection Locations



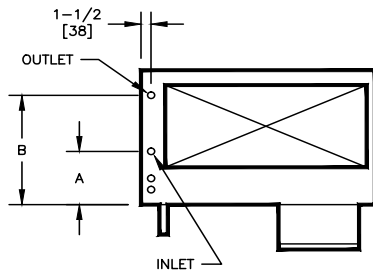
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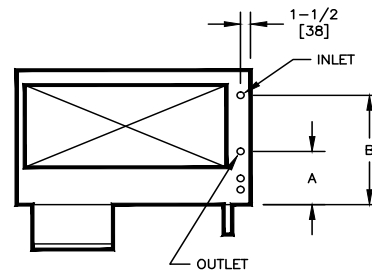
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DRAWING NO:
50-80021



TOP VIEW
(FILTER RACK OMITTED)

LEFT HAND UNIT



TOP VIEW
(FILTER RACK OMITTED)

RIGHT HAND UNIT

DIMENSIONS - Inmm

UNIT SIZE	1 ROW LEFT HAND COIL			2 ROW LEFT HAND COIL			1 ROW RIGHT HAND COIL			2 ROW RIGHT HAND COIL		
	WATER IN/OUT	A	B	WATER IN/OUT	A	B	WATER IN/OUT	A	B	WATER IN/OUT	A	B
04	5/8 [16]	6 [152]	12-1/4 [311]	5/8 [16]	6 [152]	12-1/4 [311]	5/8 [16]	6-1/2 [165]	13 [330]	5/8 [16]	6-1/2 [165]	13 [330]
06												
08		4-1/2 [114]	12 [305]		5 [127]	12 [305]		5 [127]	12-1/2 [318]		5 [127]	12 [305]
10		5-1/2 [140]	15-1/2 [394]		6 [152]	14-1/4 [362]		5 [127]	15 [381]		6-1/8 [156]	14-1/4 [362]
12												
16		5 [127]	15-1/2 [394]		5 [127]	15-1/2 [394]		5 [127]	15-1/2 [394]		5 [127]	15-1/2 [394]
20												

NOTES:

- All dimensions are Inches [millimeters].
All dimensions are $\pm 1/2"$ [13mm]. Metric values are soft conversion.
- All drawings subject to change without prior notice.
- All coil connections are ODM copper sweat unless noted otherwise.
- Heating-only units may not include a drain pan. See actual order documents.
- Field piping should be based on individual job requirements, not unit connection size.

TITLE:

Model: CDV

Vertical Fan Coil High Performance Aux Hot water coil Connections



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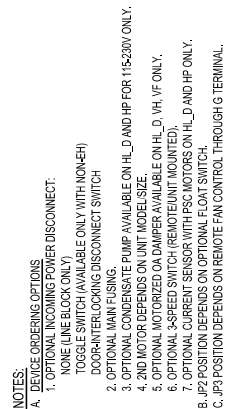
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