



Quality People. Building Solutions.

Comfort Systems USA (Arkansas), Inc.
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Date: 8/21/2025

Return Request: 9/4/2025

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

Supplier: Harrison Energy Partners

Manufacturer: Daikin

Submittal: Modular Central Station Air-Handling Units (DOAS-1)

Submittal Number: 237313.001

Spec Section: 237313

Drawing # and Installation Location: M3-2

ARCHITECT

Kenneth Hahn Architects, Inc.
1343 S. 75th 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

9924 Landers Road
No. LittleRock, AR 72117



Submittal

Prepared For:
Alvine Engineering

Date:
September 26, 2025

Sold To:
Comfort Systems USA

Job Name:
Buckstaff Bathhouse

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

Qty. Product Summary

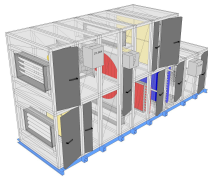
1 Daikin Dedicated Outdoor Air System (DOAS-1)

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.

Job Information		Technical Data Sheet
Job Name	Rehabilitate Bathhouses - Buckstaff Bathhouse	
Date	September 24 2025	
Submitted By	TM	
Software Version	13.72	
Unit Tag	DOAS-1	



Unit Overview

Model Number	Supply						Return/Exhaust					
	Air Volume cfm	Static Pressure		External Dimensions			Air Volume cfm	Static Pressure		External Dimensions		
		External inWc	Total inWc	Height in	Width in	Length in		External inWc	Total inWc	Height in	Width in	Length in
CAH015GDCM	5300	2.00	4.38	52*	60*	222	5000	2.00	3.58	52*	60*	154

*Not including base rails, coil connectors, drain connectors and control boxes.

Unit

Model Number:	CAH015GDCM		
Approval:	ETL Listed / ETL Listed to Canadian Safety Standards (ETL Label / ETLc Label)		
Outer Panel:	24 gauge G90 Galvanized Steel (unpainted)		
Liner:	24 gauge Galvanized Steel (unless noted per section)		
Insulation:	R-13 Injected Foam		
Unit Configuration:	Stacked with opposed air flows	Drive (Handling) Location:	Right
Base:	4" formed channel	Wall Thickness:	2 in
Altitude:	0 ft	Parts Warranty:	Additional Two Year, Three Year Total

Exhaust Air Stream

Plenum Section	Component: 1	Length: 28 in	Shipping Section: 9
Air Pressure Drop			
0.02 inWc			
Custom Openings			
Custom Opening	Location	Width	Height
1	End	56 in	24 in
Rainhood w/Screen			
None			
Door			
Location	Width	Opening	
Drive side	24 in	Outward	

Panel Filter		Component: 2		Length: 12 in		Shipping Section: 9	
Type	Efficiency	Nominal Face Velocity	Actual Face Velocity	Actual Face Area	Air Volume	Filter Loading	
Pre Pleat	MERV 13	341 ft/min	360 ft/min	13.9 ft²	5000 cfm	Side	
Air Pressure Drop				Number of Filters	Height	Width	Depth
Clean Air	Mean Air	Dirty Air	User Spec				
0.22 inWc	0.61 inWc	1.00 inWc	N/A	2	24 in	24 in	2 in
				2	20 in	24 in	2 in
Door							
Location		Width			Opening		
Drive side		8 in			Outward		
Special Options							
Sound Baffle							
(As casing details)							
Special Text							
Extra filters 1 set(s)							

Access Section	Component: 3	Length: 24 in	Shipping Section: 8
Air Pressure Drop			
0.00 inWc			
Panel			
Location	Width		Opening
Removable panels	- in		Outward

Energy Recovery			Component: 4				Length: 18 in			Shipping Section: 7		
Heat Wheel Model	Media Type	Wheel Diameter	Supply Air Volume	Face Velocity				Segmented Wheel				
				Supply Air		Return Air						
				Summer	Winter	Summer	Winter					
ECW 486	Synthetic fiber - 4 angstrom	48 in	5300 cfm	844 ft/min	901 ft/min	812 ft/min	812 ft/min	No				
Electrical Supply	Bypass Damper Opening	Pressure Drop				Exhaust Air Volume	VFD	Adjustable Purge Plate	Motor Power	FLA		
		Supply Air		Return Air								
		Summer	Winter	Summer	Winter							
115/60/1 V/Hz/Phase	16.00 x 56.00 / 16.00 x 56.00	0.91 insWg	0.91 insWg	0.86 insWg	0.86 insWg	5000 cfm	Yes	Yes	0.50 HP	6.40		
Summer Conditions												
Outside Air		Return Air		Supply Air		Exhaust Air		Effectiveness			Total Energy Recovered	
Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Latent	Sensible	Total		
99.0 °F	76.0 °F	75.0 °F	62.0 °F	83.8 °F	68.0 °F	90.8 °F	71.3 °F	60.23 %	65.87 %	63.13 %	160381 Btu/hr	
Winter Conditions												
Outside Air		Return Air		Supply Air		Exhaust Air		Effectiveness			Total Energy Recovered	
Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	Latent	Sensible	Total		
21.0 °F	18.0 °F	75.0 °F	62.0 °F	54.5 °F	48.1 °F	37.9 °F	36.3 °F	62.98 %	68.69 %	66.52 %	308706 Btu/hr	
Controls												
None.												
AHRI 1060 Certification												
Application Rating is outside of the scope of AHRI ERV Certification Program but is rated in accordance with AHRI Standard 1060.												
Door												
Location				Width				Opening				
Drive side				14 in				Outward				
Access Section			Component: 5				Length: 24 in			Shipping Section: 3		
Air Pressure Drop												
0.00 inWc												
Panel												
Location				Width				Opening				
Removable panels				- in				Outward				

Return/Exhaust Fan Array				Component: 6		Length: 24 in			Shipping Section: 2				
Fan Performance													
Air Volume*	Static Pressure			Fan Energy Index(FEI)	Total Input Power	Fan Shaft Power*	Speed		Redundancy(N-1)	Fan Circuit			
	External	Total	Cabinet				Operating	Maximum					MOP
2500 cfm	2.00 inWc	3.58 inWc	0.00 inWc	1.32	3.9 kW	2.27 BHP	2809 rpm	3230 rpm	78.1 %	30.0 A	22.7 A		
Fan Data													
Fan Type		Blade Type / Class		Quantity of Fans		Wheel Diameter		Number of Blades		Discharge		Motor Location	
ECM / 1x2 : 2		Airfoil / N/A		2		13.98 in		5		Axial		Behind Fan	
Motor Data													
Power*		Electrical Supply			Speed			Control Signal			Full Load Current*		
4.4 HP		200/60/3 V/Hz/Phase			3230 rpm			0-10V			10.10 A		
Fan Options													
Inlet Screen:			Provided				Isolator Type:			Rigid			
Control Data													
Selection Type:			Integrated Drive				Vendor:			Daikin Applied			
Auxiliary Control:			Disconnect w/ motor starter				Voltage:			200 v			
Disconnect Type:			Fused				Height x Width x Depth:			15.75 in x 11.81 in x 10.76 in			
Mounting:			Drive Side				Enclosure:			NEMA 3R			
Control box:			Basic controls, unit mounted power box, drive side										
Panel													
Location				Width				Opening					
Removable panels				- in				Outward					
Notes													
* after a unit label denotes the data per fan.													
Due to multi-sourcing of ECM fans, motor nameplate electrical data values MOP, MCA and Full Load Current may be equal to or less than presented.													
Due to multi-sourcing of ECM fans, motor nameplate Power may be greater than presented.													

Plenum Section		Component: 7		Length: 24 in		Shipping Section: 1	
Air Pressure Drop							
0.10 inWc							
Custom Dampers							
Custom Damper	Damper Type	Location	Size (Width x Height)		Material	Blade Action	Rainhood w/Screen
			Overall	Opening			
1	UltraSeal Low Leak	End	48 in x 24 in	38 in x 20 in	Galv. Steel	Parallel	None
Door							
Location		Width			Opening		
Drive side		20 in			Outward		
Special Options							
Tread Plate Floor Liner				Sound Baffle			
Tread plate installed				(As casing details)			

Supply Air Stream

Plenum Section	Component: 1	Length: 26 in	Shipping Section: 4
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Air Pressure Drop			
0.11 inWc			

Custom Dampers							
Custom Damper	Damper Type	Location	Size (Width x Height)		Material	Blade Action	Rainhood w/Screen
			Overall	Opening			
1	UltraSeal Low Leak	End	48 in x 24 in	38 in x 20 in	Galv. Steel	Parallel	None

Door		
Location	Width	Opening
Drive side	22 in	Outward

Panel Filter	Component: 2	Length: 22 in	Shipping Section: 5
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Type	Efficiency	Nominal Face Velocity	Actual Face Velocity	Actual Face Area	Air Volume	Filter Loading	
Pre Pleat	MERV 13	361 ft/min	382 ft/min	13.9 ft²	5300 cfm	Side	
Air Pressure Drop				Number of Filters	Height	Width	Depth
Clean Air	Mean Air	Dirty Air	User Spec				
0.24 inWc	0.62 inWc	1.00 inWc	N/A	2	24 in	24 in	2 in
				2	20 in	24 in	2 in

Door		
Location	Width	Opening
Drive side	8 in	Outward

Special Options		
Sound Baffle		
(As casing details)		
Special Text		
Extra filters 1 set(s)		

Access Section	Component: 3	Length: 24 in	Shipping Section: 6
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Air Pressure Drop		
0.00 inWc		

Panel		
Location	Width	Opening
Removable panels	- in	Outward

Special Options		
Tread Plate Floor Liner	Sound Baffle	
Tread plate installed	(As casing details)	

Energy Recovery Section	Component: 4	Length: 18 in	Shipping Section: 7
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See Exhaust Air Stream			
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Access Section	Component: 5	Length: 24 in	Shipping Section: 10
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Air Pressure Drop		
0.00 inWc		

Panel		
Location	Width	Opening
Removable panels	- in	Outward

Hot Water Coil		Component: 6		Length: 26 in		Shipping Section: 11	
Coil Model	Total Capacity	Number of Coils		Number of Rows	Fins per Inch	Tube Diameter	Tube Spacing (Face x Row)
5WQ1101C	107454 Btu/hr	1		1	11	0.625 in	1.50 in x 1.299 in
Air Volume	Air Temperature		Coil Air Pressure Drop	Finned Height	Finned Length	Face Area	Face Velocity
	Entering	Leaving					
	Dry Bulb	Dry Bulb					
5300 cfm	53.5 °F	72.0 °F	0.23 inWc	30 in	44 in	9.17 ft²	578 ft/min
Water							
Entering	Leaving	Flow Rate	Pressure Drop	Velocity	Volume	Weight	
160.0 °F	104.9 °F	3.90 gpm	0.30 ftHd	0.80 ft/s	2.0 gal	23.00 lb	
Connection [Data Per Coil]				Min. Fin Surface Temp.	Min. Tube Wall Surface Temp.	Fouling Factor	
Type	Size	Location	Material				
Threaded	1.50 in	Drive side	Carbon steel	104.9 °F	104.9 °F	0.000	
Material							
Fin		Tube		Header		Case	
Aluminum .0075 in		Copper .020 in		Copper		Galv. steel	
AHRI 410 Certification							
		Certified in accordance with the AHRI Forced-Circulation Air-Cooling and Air-Heating Coils Certification Program which is based on AHRI Standard 410 within the Range of Standard Rating Conditions listed in Table 1 of the Standard. Certified units may be found in the AHRI Directory at www.ahridirectory.org					
Door							
Location			Width			Opening	
Drive side			14 in			Outward	

Chilled Water Coil		Component: 7		Length: 34 in		Shipping Section: 12			
Coil Model	Total Capacity	Sensible Capacity	Number of Coils	Number of Rows	Fins per Inch	Tube Diameter	Tube Spacing (Face x Row)		
5WH1205B	236779 Btu/hr	172454 Btu/hr	1	5	12	0.625 in	1.50 in x 1.299 in		
Air Volume	Air Temperature				Coil Air Pressure Drop	Finned Height	Finned Length	Face Area	Face Velocity
	Entering		Leaving						
	Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb					
5300 cfm	84.2 °F	68.2 °F	54.4 °F	53.8 °F	0.45 inWc	42 in	47 in	13.71 ft²	387 ft/min
Water									
Entering	Leaving	Flow Rate	Pressure Drop	Velocity	Volume	Weight			
44.0 °F	56.1 °F	39.10 gpm	5.90 ftHd	3.00 ft/s	10.0 gal	87.00 lb			
Connection [Data Per Coil]				Min. Fin Surface Temp.	Min. Tube Wall Surface Temp.	Fouling Factor			
Type	Size	Location	Material						
Threaded	2.00 in	Drive side	Carbon steel	44.0 °F	44.0 °F	0.000			
Material					Drain Pan	Drain Side			
Fin	Tube	Header	Case						
Aluminum .0075 in	Copper .020 in	Copper	Galv. steel	Stainless steel	Drive side				
AHRI 410 Certification									
		Certified in accordance with the AHRI Forced-Circulation Air-Cooling and Air-Heating Coils Certification Program which is based on AHRI Standard 410 within the Range of Standard Rating Conditions listed in Table 1 of the Standard. Certified units may be found in the AHRI Directory at www.ahridirectory.org							
Door									
Location			Width			Opening			
Drive side			18 in			Outward			

Supply Fan Array				Component: 8		Length: 24 in			Shipping Section: 13		
Fan Performance											
Air Volume*	Static Pressure			Fan Energy Index(FEI)	Total Input Power	Fan Shaft Power*	Speed		Redundancy(N-1)	Fan Circuit	
	External	Total	Cabinet				Operating	Maximum			
2650 cfm	2.00 inWc	4.38 inWc	0.00 inWc	1.35	4.8 kW	2.91 BHP	3054 rpm	3230 rpm	72.6 %	30.0 A	22.7 A
Fan Data											
Fan Type		Blade Type / Class		Quantity of Fans		Wheel Diameter		Number of Blades		Discharge	
ECM / 1x2 : 2		Airfoil / N/A		2		13.98 in		5		Axial	
Motor Data											
Power*		Electrical Supply			Speed			Control Signal		Full Load Current*	
4.4 HP		200/60/3 V/Hz/Phase			3230 rpm			0-10V		10.10 A	
Fan Options											
Inlet Screen:		Provided				Isolator Type:		Rigid			
Control Data											
Selection Type:		Integrated Drive				Vendor:		Daikin Applied			
Auxiliary Control:		Disconnect w/ motor starter				Voltage:		200 v			
Disconnect Type:		Fused				Height x Width x Depth:		15.75 in x 11.81 in x 10.76 in			
Mounting:		Drive Side				Enclosure:		NEMA 3R			
Control box:		Basic controls, unit mounted power box, drive side									
Panel											
Location				Width				Opening			
Removable panels				- in				Outward			
Notes											
* after a unit label denotes the data per fan.											
Due to multi-sourcing of ECM fans, motor nameplate electrical data values MOP, MCA and Full Load Current may be equal to or less than presented.											
Due to multi-sourcing of ECM fans, motor nameplate Power may be greater than presented.											

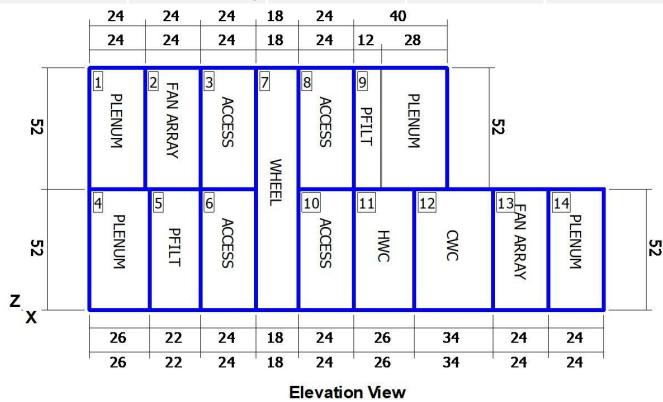
Plenum Section		Component: 9			Length: 24 in			Shipping Section: 14		
Opening Location			Opening Size			Air Pressure Drop				
End center			20.00" x 56.00"			0.06 inWc				
Door										
Location			Width			Opening				
Drive side			20 in			Outward				
Special Options										
Tread Plate Floor Liner					Sound Baffle					
Tread plate installed					(As casing details)					

Unit Sound Power (dB)								
Type	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Radiated:	64	58	76	50	47	43	46	51
Unit Discharge:	64	58	87	63	60	60	64	54
Unit Return:	64	60	76	58	58	61	57	51

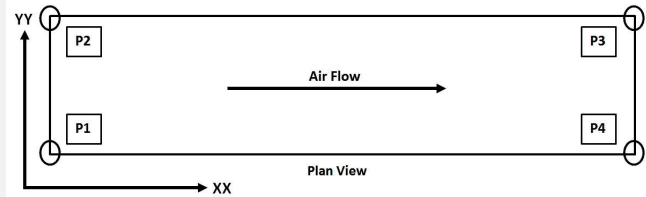
Shipping Section Details

Section	Length in	Weight lb	Corner Weights (lb)				Center of Gravity (in)		
			P1	P2	P3	P4	XX	YY	ZZ
1	24	265	66	66	66	66	12	30	28
2	24	392	116	105	80	92	10	28	30
3	24	198	44	44	56	56	13	30	30
4	26	323	75	75	87	87	14	30	26
5	22	267	61	61	73	73	12	30	25
6	24	265	60	60	72	72	13	30	23
7	18	843	202	202	220	220	9	30	53
8	24	198	44	44	56	56	13	30	30
9	40	386	83	83	109	109	23	30	30
10	24	244	55	55	67	67	13	30	25
11	26	384	114	111	78	81	11	29	26
12	34	736	238	222	130	146	13	29	25
13	24	494	142	130	105	117	11	29	24
14	24	278	70	70	70	70	12	30	24
Entire Unit	222	5273	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Lower level only



Elevation View



Air Flow

Plan View

NOTE: Special components aren't included in the corner weights and center of gravity data.

NOTE: Shipping weights listed do not include weight of water (listed in coil section(s) above).

Shipping Protection

Shipping Bag

NOTE: Shipping protection is not meant for long term storage.

NOTE: In some instances a shipping bag cannot be applied. In these circumstances stretch wrap would be supplied.

Supply Static Pressure Drop

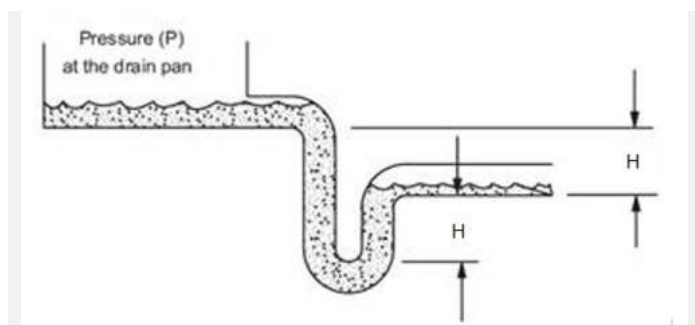
Component	Option	Static Pressure Drop
Plenum Section	Plenum Section	0.11 insWg
Panel Filter	Panel Filter	0.62 insWg
Access Section	Access Section	
Energy Recovery Section	Summer	0.91 insWg
Access Section	Access Section	
Hot Water Coil	Hot Water Coil	0.23 insWg
Chilled Water coil	Chilled Water coil	0.45 insWg
Supply Fan	Cabinet	
Plenum Section	Plenum Section	0.06 insWg
External Static	External Static	2.00 insWg
Total Supply Fan Static		4.38 insWg

Exhaust Static Pressure Drop

Component	Option	Static Pressure Drop
Plenum Section	Plenum Section	0.02 insWg
Panel Filter	Panel Filter	0.61 insWg
Access Section	Access Section	
Energy Recovery Section	Summer	0.86 insWg
Access Section	Access Section	
Return Fan	Cabinet	
Plenum Section	Plenum Section	0.10 insWg
External Static	External Static	2.00 insWg
Total Return/Exhaust Fan Static		3.58 insWg

Minimum Recommended Drain Pan Trap Dimensions

Shipping Section	Component	H
12	Chilled Water coil	4.64



Dimensions provided as a courtesy and are recommended minimums only. Daikin is not responsible for supplying or designing drain pan traps and is not responsible for any damage caused by incorrect trap heights. The dimensions listed above should be reviewed and approved by a licensed plumbing professional.

AHRI Certification

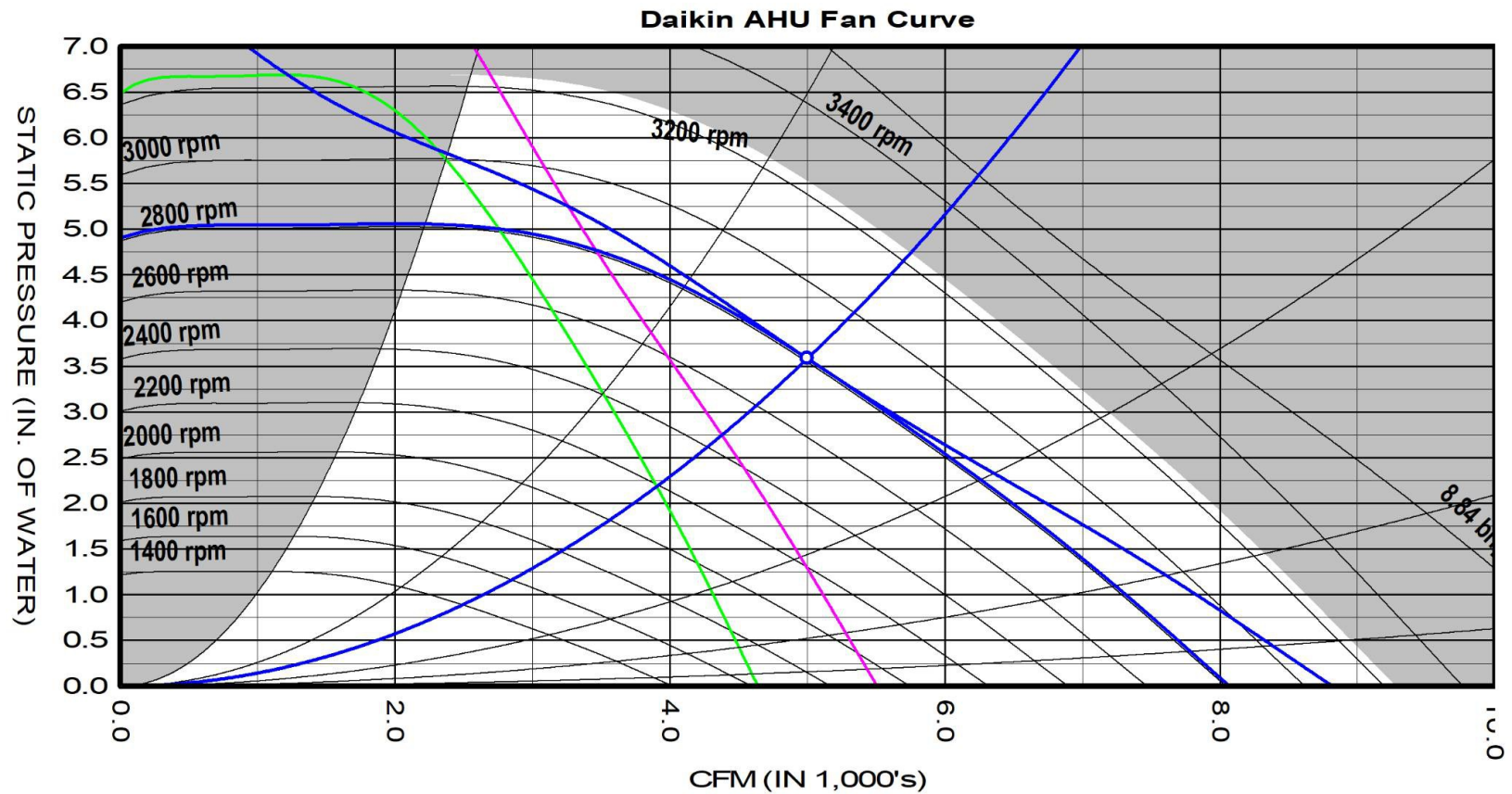


Certified by the AHRI Central Station Air-Handling Unit (AHU) Certification Program, which is based on AHRI Standard 430/431. AHRI certified units are subject to rigorous and continuous testing, have performance ratings independently measured and are third-party verified. Certified units may be found in the AHRI Directory at www.ahridirectory.org.

Notes

Important

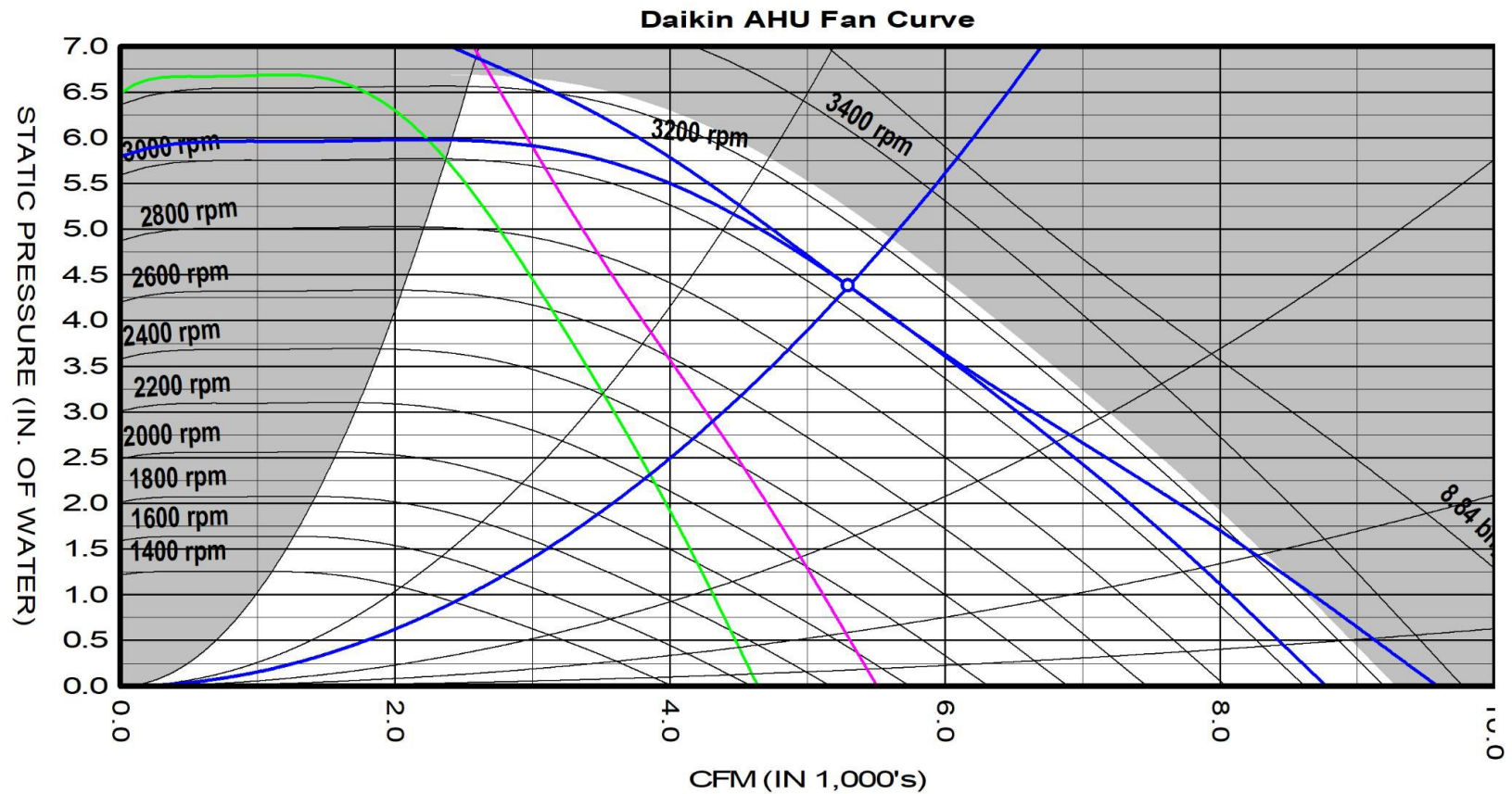
1. This unit may not meet ASHRAE Standard 90.1 - 2007 fan motor power limitations for the year and system selected. If that code applies, alternate fan selections may be required.
2. The designer and installer must ensure compliance with applicable codes. A component supplier cannot determine the brake horsepower ("BHP") for other motors in the air handling system.
3. Before approving this unit, determine whether ASHRAE Standard 90.1 - 2007 has been adopted in the specific jurisdiction or contract specifications in which the unit will be installed.



Green line = fan curve for 1 fan(s) at max speed

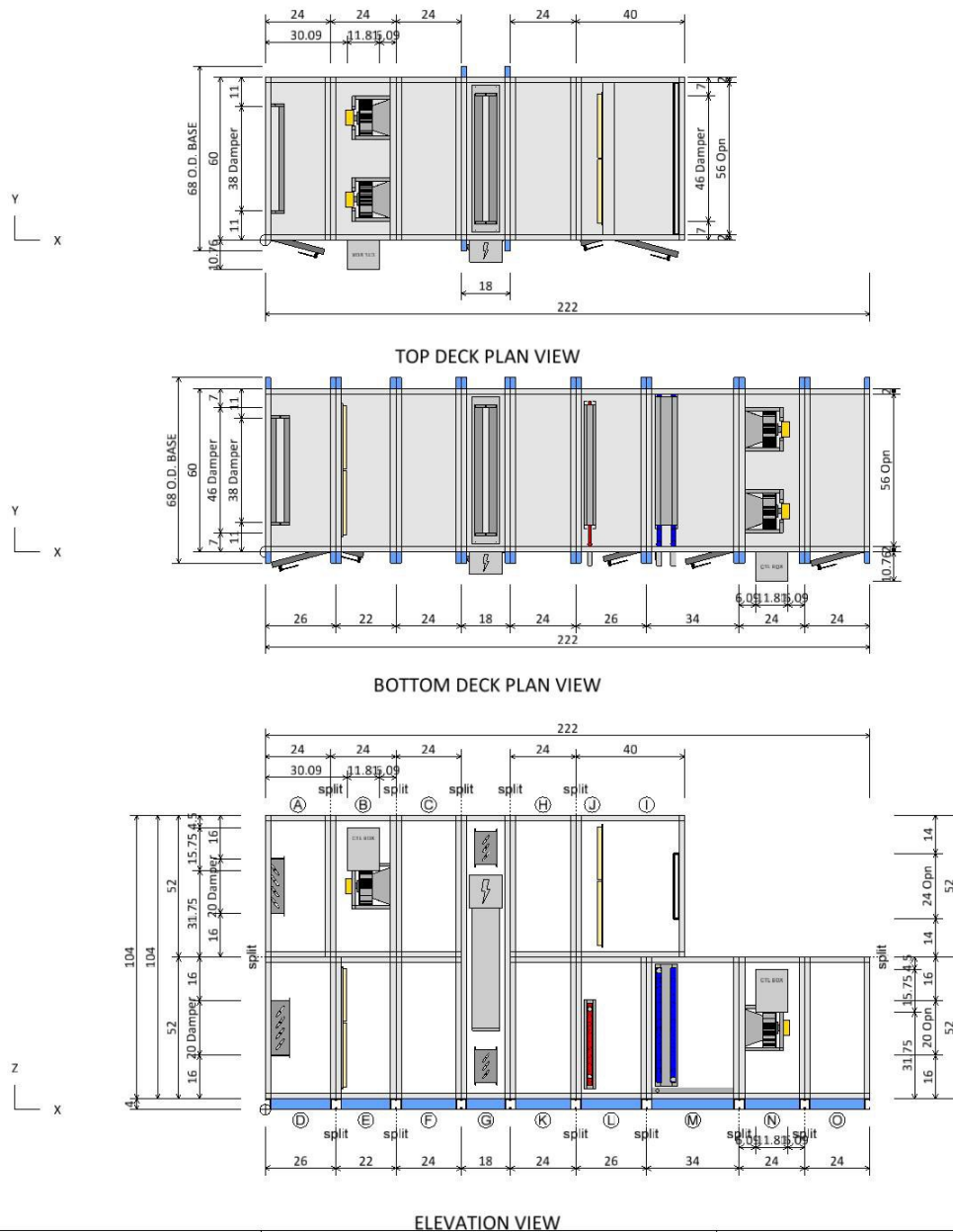
Red line = BHP curve for 1 fan(s) at max power of selected motor

EC355 1x2 (2 Fans) Ret/Exh Fan at Standard Conditions					
Air volume	5000	cfm	Fan speed	2809	rpm
Total static	3.58	insWg	Max speed	3230	rpm
Fan Shaft Power	4.5	bhp	Efficiency	62.2	%
Redundancy	78.1	%	Motor Speed	3230	rpm
Fan Energy Index(FEI)	1.32				
Unit tagging	DOAS-1			Date	September-24-2025
Job name	Rehabilitate Bathhouses - Buckstaff Bath			Time	13:43



EC355 1x2 (2 Fans) Supply Fan at Standard Conditions					
Air volume	5300	cfm	Fan speed	3054	rpm
Total static	4.38	insWg	Max speed	3230	rpm
Fan Shaft Power	5.8	bhp	Efficiency	62.7	%
Redundancy	72.6	%	Motor Speed	3230	rpm
Fan Energy Index(FEI)	1.35				
Unit tagging	DOAS-1			Date	September-24-2025
Job name	Rehabilitate Bathhouses - Buckstaff Bath			Time	13:43

FRONT END VIEW			ELEVATION VIEW				REAR END VIEW	
Product Drawing			Unit Tag: DOAS-1		Sales Office: Harrison Energy Partners			 13600 Industrial Park Blvd, Minneapolis, MN 55441 www.DaikinApplied.com Software Version: 13.81
Product: Vision Air Handler			Project Name: Rehabilitate Bathhouses - Buckstaff Bathhouse					
Model: CAH015GDCM		Sept. 24, 2025	Ver/Rev:	Sheet: 1 of 1	Scale: NTS	Tolerance: +/-0.25"	Dwg Units: in	
All opening dimensions have a 1" mounting flange along the inner edge. The actual airflow area of the opening is 2" smaller in each dimension.								



Component Key	
(A) Plenum Section	
Right Door (WxH):	20 ins x 48 ins
Return Fan	
Fan Type:	Centrifugal - Plenum
Fan Size (Class):	355 (2)
(B) Air Flowrate:	2500.0 cfm
T.S.P.:	3.6 insWg
Motor Power:	4.4 HP
Control box door swing:	11.81 ins
(C) Access Section	
(D) Plenum Section	
Right Door (WxH):	22 ins x 48 ins
Panel Filter	
(E) Filter Type:	PrePleat (MERV 13)
Right Door (WxH):	8 ins x 48 ins
(F) Access Section	
Energy Recovery Wheel	
Model:	ECW 486
(G) Winter Capacity:	308706.1 Btu/hr
Summer Capacity:	160380.7 Btu/hr
Right Door (WxH):	14 ins x 48 ins
(H) Access Section	
(I) Plenum Section	
Right Door (WxH):	24 ins x 48 ins
Panel Filter	
(J) Filter Type:	PrePleat (MERV 13)
Right Door (WxH):	8 ins x 48 ins
(K) Access Section	
Hot Water Coil	
Coil Model:	5WQ1101C
(L) Total Capacity:	107454.0 Btu/hr
Right Door (WxH):	14 ins x 48 ins
Chilled Water coil	
Coil Model:	5WH1205B
(M) Total Capacity:	236779.0 Btu/hr
Right Door (WxH):	18 ins x 42 ins
Supply Fan	
Fan Type:	Centrifugal - Plenum
Fan Size (Class):	355 (2)
(N) Air Flowrate:	2650.0 cfm
T.S.P.:	4.4 insWg
Motor Power:	4.4 HP
Control box door swing:	11.81 ins
Plenum Section	
(O) Opening Location:	End center
Opening Size:	20 ins x 56 ins
Right Door (WxH):	20 ins x 48 ins

Product Drawing

Product: Vision Air Handler

Model: CAH015GDGM

Unit Tag: DOAS-1

Project Name: Rehabilitate Bathhouses - Buckstaff Bathhouse

Sept. 24, 2025

Ver/Rev:

Sheet: 1 of 1

Sales Office: Harrison Energy Partners

Scale: NTS

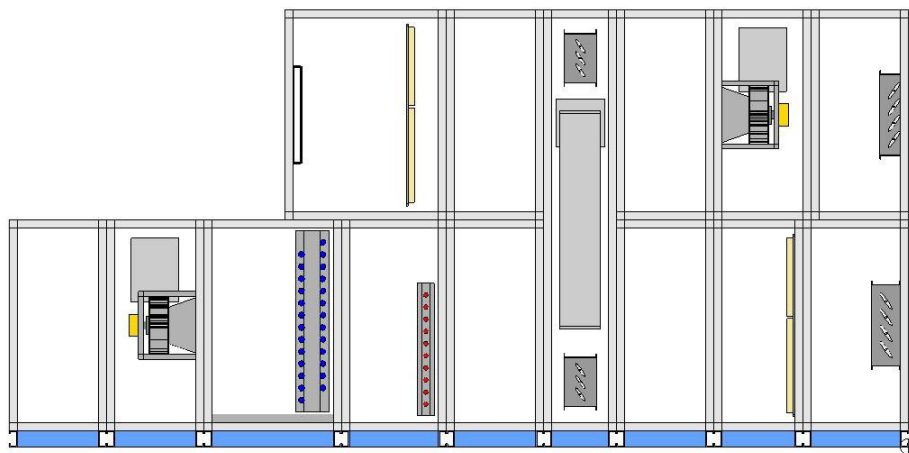
Tolerance: +/-0.25"

Dwg Units: in

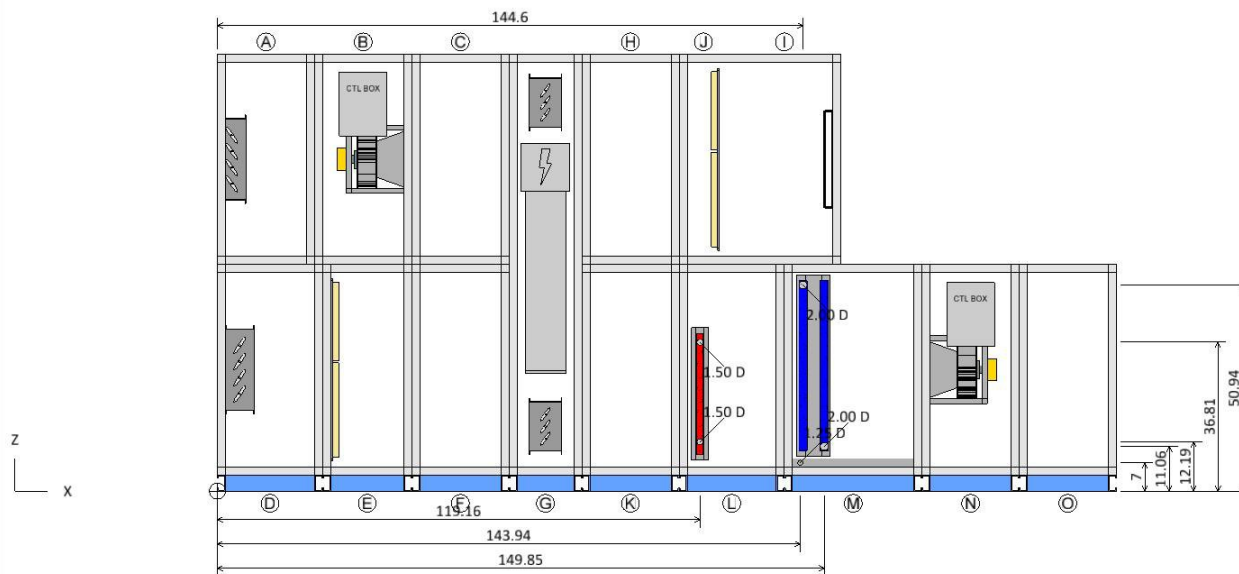


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All opening dimensions have a 1" mounting flange along the inner edge. The actual airflow area of the opening is 2" smaller in each dimension.



LEFT ELEVATION VIEW



RIGHT ELEVATION VIEW

Coil and Drain Connections

Type	X	Y	Z	Diam
Ⓛ Hot Water Coil				
Hot water inlet:	119.16	-7.00*	12.19	1.50
Hot water outlet:	119.16	-7.00*	36.81	1.50
Ⓜ Chilled Water coil				
Condensate drain conn:	143.94	-2.90	7.00	1.25
Cold water inlet:	149.85	-7.00*	11.06	2.00
Cold water outlet:	144.60	-7.00*	50.94	2.00

Notes:

Dimensions are measured from the origin point.

* value varies +/- 1 in.

Coil and Drain Connections

Unit Tag: DOAS-1

Sales Office: Harrison Energy Partners

Product: Vision Air Handler

Project Name: Rehabilitate Bathhouses - Buckstaff Bathhouse

Model: CAH015GDCM

Sept. 24, 2025

Ver/Rev:

Sheet: 1 of 1

Scale: NTS

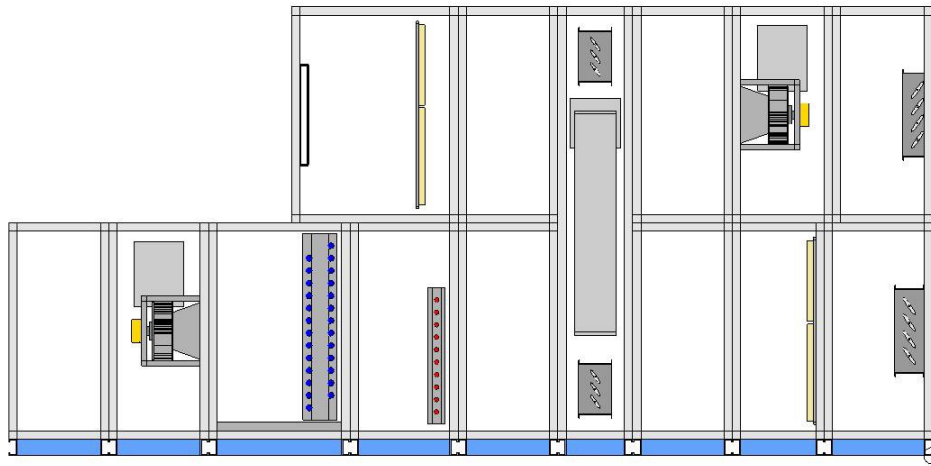
Tolerance: +/-0.25"

Dwg Units: in

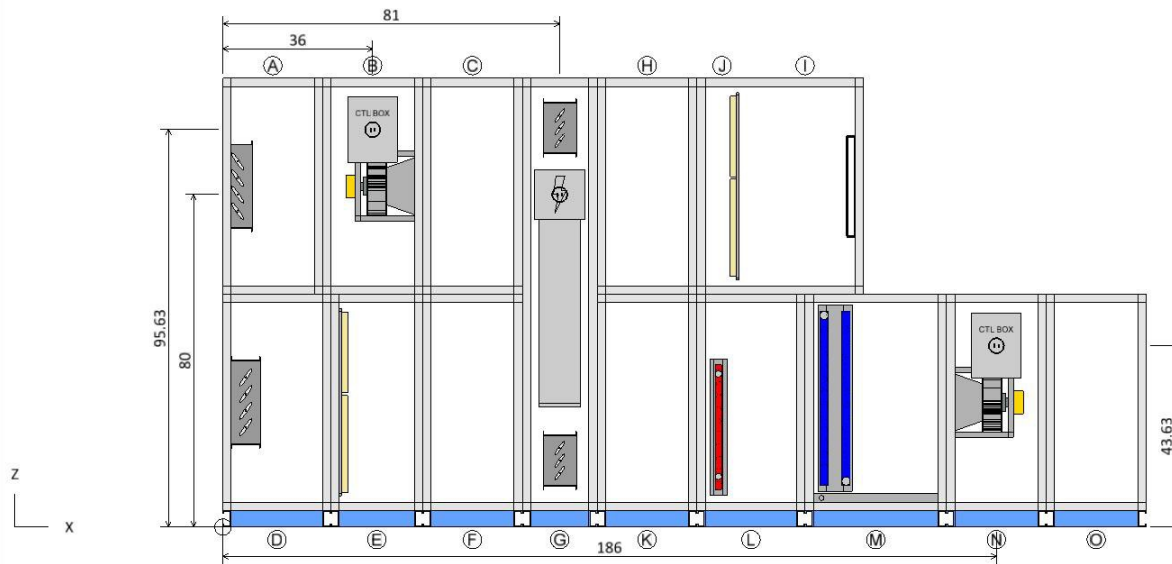


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LEFT ELEVATION VIEW



RIGHT ELEVATION VIEW

Component Key

Type	X	Y	Z	Volts	Phase
(B) Return Fan Fan	36.00	0.00	95.62	200	3
(G) Energy Recovery Wheel Heatwheel	81.00	0.00	80.00	115	1
(N) Supply Fan Fan	186.00	0.00	43.62	200	3

Note: Dimensions are measured from the origin point.

Electrical Connections

Product: Vision Air Handler

Model: CAH015GDCM

Unit Tag: DOAS-1

Project Name: Rehabilitate Bathhouses - Buckstaff Bathhouse

Sept. 24, 2025

Ver/Rev:

Sheet: 1 of 1

Sales Office: Harrison Energy Partners

Scale: NTS

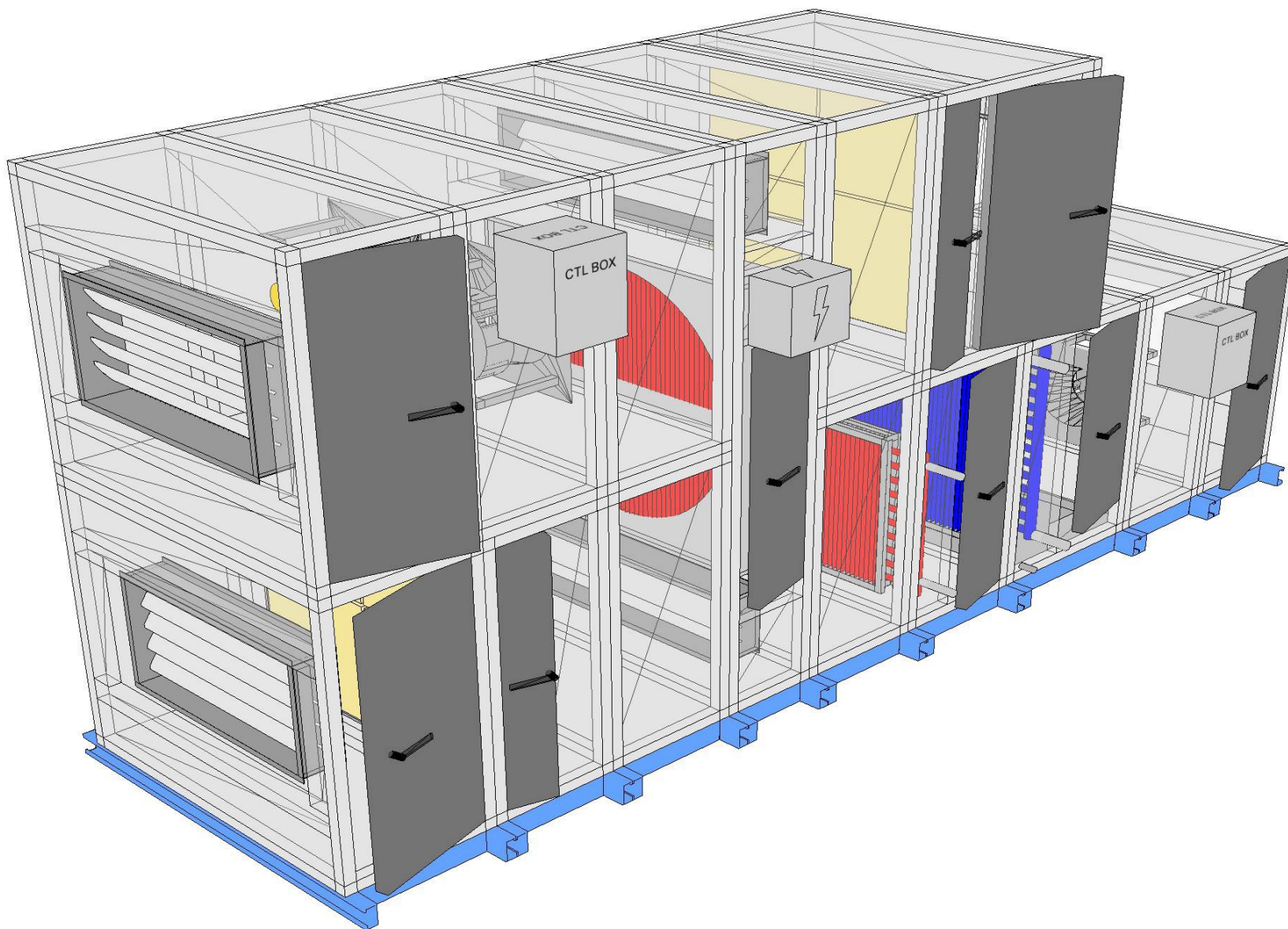
Tolerance: +/-0.25"

Dwg Units: in



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All opening dimensions have a 1" mounting flange along the inner edge. The actual airflow area of the opening is 2" smaller in each dimension.



Product Drawing	Unit Tag: DOAS-1			Sales Office: Harrison Energy Partners			 13600 Industrial Park Blvd, Minneapolis, MN 55441 www.DaikinApplied.com Software Version: 13.81
Product: Vision Air Handler	Project Name: Rehabilitate Bathhouses - Buckstaff Bathhouse						
Model: CAH015GDCM	Sept. 24, 2025	Ver/Rev:	Sheet: 1 of 1	Scale: NTS	Tolerance: +/-0.25"	Dwg Units: in	
All opening dimensions have a 1" mounting flange along the inner edge. The actual airflow area of the opening is 2" smaller in each dimension.							

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