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Comfort Systems USA (Arkansas), Inc.
P.O. Box 16620
Little Rock, AR 72231
Phone 501-834-3320
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Date: 5/2/2024

Return Request: 5/12/2024

Project: Little Rock West High School

Supplier: Airetech

Manufacturer: Multi Aqua/IEC

Submittal: Fan Coils (Cassette & Ducted)

Submittal Number: 23 00 00-02

Drawing # and Installation: Mechanical Drawings

ARCHITECT

Lewis Architects Engineers
11225 Huron Lane, Suite 104
Little Rock, AR 72211
501-223-9302

ENGINEER

Lewis Architects Engineers
11225 Huron Lane, Suite 104
Little Rock, AR 72211
501-223-9302

GENERAL CONTRACTOR

Baldwin & Shell
1000 W. Capitol Ave.
Little Rock, AR 72201
501-374-8677

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
9924 Landers Rd.
N. Little Rock, AR 72117
501-834-3320

Notes:

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chowell@comfortar.com

9924 Landers Rd.
No. Little Rock, AR 72117



SUBMITTAL DATA


EQUIPMENT: Multi Aqua Ceiling Cassette Fancoils

SPEC SECTION:

TAGS: FC1-1 thru 6, 8, 11 thru 25 & 2-1 thru 4

PROJECT: Little Rock West High School

LOCATION: Little Rock, AR

ENGINEER: **LEWIS
ARCHITECTS
ENGINEERS** 

CONTRACTOR: **COMFORT
SYSTEMS USA**
A R K A N S A S

DATE: 4/15/2024

SUBMITTED BY: Nick Moore
nick.moore@airetechcorp.com



306 Hagood Street
Easley, South Carolina 29640
(864) 850-8990

Submittal

Project number: 13346
Project name: LR West High School
Representative:
Location:

Note: This submittal is based on equipment and options listed on the attachment(s) and represents our interpretation of your requirements. It is the representative's responsibility to review this submittal and verify that it meets the job specifications.

Project Information

Project name: LR West High School
Location: Little Rock, AR
Owner:
Architect: Lewis Architects Engineers
MEP firm: Lewis Architects Engineers
Mechanical contractor: Comfort Systems
Date: 4/12/2024

Sales Representative

Submitted by: Nick Moore, Airetech Corporation
Email: Nick Moore
Phone number:

Project Summary

Qty	Model Description	Unit Size	Item(s)
11	MHCFC4W - Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool Fan Coil 12,000 - 60,000 BTUH	04	1 ton FC
8	MHCFC4W - Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool Fan Coil 12,000 - 60,000 BTUH	08	2 Ton FC
7	MHCFC4W - Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool Fan Coil 12,000 - 60,000 BTUH	12	3 ton FC

*Valve Packages By Others

Product Data: Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool Fan Coil 12,000 - 60,000 BTUH

Qty	Description	Model Number
11	Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool Fan Coil 12,000 - 60,000 BTUH	MHCFC4W-04-01

Item(s): 1 ton FC**Selected Options**

04	Nominal Tons : 1 Ton
01	Voltage : 208/230-1-50/60

Product Data: Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool Fan Coil 12,000 - 60,000 BTUH

Qty	Description	Model Number
8	Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool Fan Coil 12,000 - 60,000 BTUH	MHCFC4W-08-01

Item(s): 2 Ton FC**Selected Options**

08	Nominal Tons : 2 Ton
01	Voltage : 208/230-1-50/60

Product Data: Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool Fan Coil 12,000 - 60,000 BTUH

Qty	Description	Model Number
7	Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool Fan Coil 12,000 - 60,000 BTUH	MHCFC4W-12-01

Item(s): 3 ton FC**Selected Options**

12	Nominal Tons : 3 Ton
01	Voltage : 208/230-1-50/60



MHCFC4W-04

Item: 1 ton FC

Project: LR West High School

Model #: MHCFC4W-04-01

Unit Information

Model Series: **MHCFC4W**
 Unit Size: **04**
 Quantity: **11**
 Altitude: **0** ft
 Unit Voltage: **208/230-1-50/60**
 Configuration: **Cooling and Heating**



Supply Fan

Airflow: **380** CFM
 ESP: **0.00** in.wc
 Fan Speed: **High**

Cooling Performance

Coil Position: **Primary**
 Entering Air Temperature DB/WB: **76/63** F
 Total Capacity: **8** MBH
 Sensible Capacity: **7.3** MBH
 Leaving Air Temperature DB/WB: **59.1/56.2** F
 Air Pressure Drop: **0.03** in.wg
 Entering Fluid Temperature: **42.0** F
 Leaving Fluid Temperature: **54.0** F
 Fluid Flow: **1.5** gpm
 Fluid Velocity: **2.18** fps
 Rows: **2**
 Fluid Pressure Drop: **4.3** ft.H2O
 Fluid Type: **Ethylene Glycol**
 Percent Glycol: **20** %

Heating Performance

Coil Position: **Secondary**
 Entering Air Temperature: **60** F
 Total Capacity: **21.1** MBH
 Leaving Air Temperature: **110.3** F
 Air Pressure Drop: **0.01** in.wg
 Entering Fluid Temperature: **160.0** F
 Leaving Fluid Temperature: **140.0** F
 Fluid Flow: **2.2** gpm
 Fluid Velocity: **6.39** fps
 Rows: **1**
 Fluid Pressure Drop: **31.0** ft.H2O
 Fluid Type: **Ethylene Glycol**
 Percent Glycol: **20** %

Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool
Fan Coil 12,000 - 60,000 BTUH

Physical Data

Height (in)	Length (in)	Width (in)	Net Weigh	Shipping Weigh
16.8	26.8	22.8	51	51

Electrical Data

Minimum Amps (MCA): **0.5** Maximum Amps (MOCP): **1**

Component	Qty	HP	FLA
Motor	1		0.4

Definitions

Primary coil = Larger coil in the first position as it relates to the leaving airflow of the fan coil.

Secondary coil = Smaller coil in the second position as it relates to the leaving airflow of the fan coil.

Primary + Secondary = Cooling and Heating coils are connected together **in the field** to offer a combined cooling or heating application. Not available on the CWA4 OR MHNCCW Fan Coils.



MHCFC4W-08

Item: 2 Ton FC

Project: LR West High School

Model #: MHCFC4W-08-01

Unit Information

Model Series: **MHCFC4W**
 Unit Size: **08**
 Quantity: **8**
 Altitude: **0** ft
 Unit Voltage: **208/230-1-50/60**
 Configuration: **Cooling and Heating**



Supply Fan

Airflow: **550** CFM
 ESP: **0.00** in.wc
 Fan Speed: **High**

Cooling Performance

Coil Position: **Primary**
 Entering Air Temperature DB/WB: **76/63** F
 Total Capacity: **12.6** MBH
 Sensible Capacity: **11.6** MBH
 Leaving Air Temperature DB/WB: **57.6/55.6** F
 Air Pressure Drop: **0.04** in.wg
 Entering Fluid Temperature: **42.0** F
 Leaving Fluid Temperature: **54.0** F
 Fluid Flow: **2.3** gpm
 Fluid Velocity: **1.67** fps
 Rows: **3**
 Fluid Pressure Drop: **2.4** ft.H2O
 Fluid Type: **Ethylene Glycol**
 Percent Glycol: **20** %

Heating Performance

Coil Position: **Secondary**
 Entering Air Temperature: **60** F
 Total Capacity: **27** MBH
 Leaving Air Temperature: **104.4** F
 Air Pressure Drop: **0.01** in.wg
 Entering Fluid Temperature: **160.0** F
 Leaving Fluid Temperature: **140.0** F
 Fluid Flow: **2.8** gpm
 Fluid Velocity: **2.03** fps
 Rows: **1**
 Fluid Pressure Drop: **1.8** ft.H2O
 Fluid Type: **Ethylene Glycol**
 Percent Glycol: **20** %

Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool
Fan Coil 12,000 - 60,000 BTUH

Physical Data

Height (in)	Length (in)	Width (in)	Net Weigh	Shipping Weigh
16.8	32.7	28	72	72

Electrical Data

Minimum Amps (MCA): **0.8** Maximum Amps (MOCP): **1**

Component	Qty	HP	FLA
Motor	1		0.65

Definitions

Primary coil = Larger coil in the first position as it relates to the leaving airflow of the fan coil.

Secondary coil = Smaller coil in the second position as it relates to the leaving airflow of the fan coil.

Primary + Secondary = Cooling and Heating coils are connected together **in the field** to offer a combined cooling or heating application. Not available on the CWA4 OR MHNCCW Fan Coils.



MHCFC4W-12

Item: 3 ton FC

Project: LR West High School

Model #: MHCFC4W-12-01

Unit Information

Model Series: **MHCFC4W**
 Unit Size: **12**
 Quantity: **7**
 Altitude: **0** ft
 Unit Voltage: **208/230-1-50/60**
 Configuration: **Cooling and Heating**



Supply Fan

Airflow: **870** CFM
 ESP: **0.00** in.wc
 Fan Speed: **High**

Cooling Performance

Coil Position: **Primary**
 Entering Air Temperature DB/WB: **76/63** F
 Total Capacity: **22** MBH
 Sensible Capacity: **19.3** MBH
 Leaving Air Temperature DB/WB: **56.7/54.8** F
 Air Pressure Drop: **0.06** in.wg
 Entering Fluid Temperature: **42.0** F
 Leaving Fluid Temperature: **54.0** F
 Fluid Flow: **4.1** gpm
 Fluid Velocity: **2.98** fps
 Rows: **3**
 Fluid Pressure Drop: **10.5** ft.H2O
 Fluid Type: **Ethylene Glycol**
 Percent Glycol: **20** %

Heating Performance

Coil Position: **Secondary**
 Entering Air Temperature: **60** F
 Total Capacity: **40.3** MBH
 Leaving Air Temperature: **102.0** F
 Air Pressure Drop: **0.02** in.wg
 Entering Fluid Temperature: **160.0** F
 Leaving Fluid Temperature: **140.0** F
 Fluid Flow: **4.2** gpm
 Fluid Velocity: **3.05** fps
 Rows: **1**
 Fluid Pressure Drop: **4.3** ft.H2O
 Fluid Type: **Ethylene Glycol**
 Percent Glycol: **20** %

Chilled & Hot Water Cassette Fan Coil 4-Pipe Heat & Cool
Fan Coil 12,000 - 60,000 BTUH

Physical Data

Height (in)	Length (in)	Width (in)	Net Weigh	Shipping Weigh
16.8	38.6	32.8	88	88

Electrical Data

Minimum Amps (MCA): **1.9** Maximum Amps (MOCP): **3**

Component	Qty	HP	FLA
Motor	1		1.5

Definitions

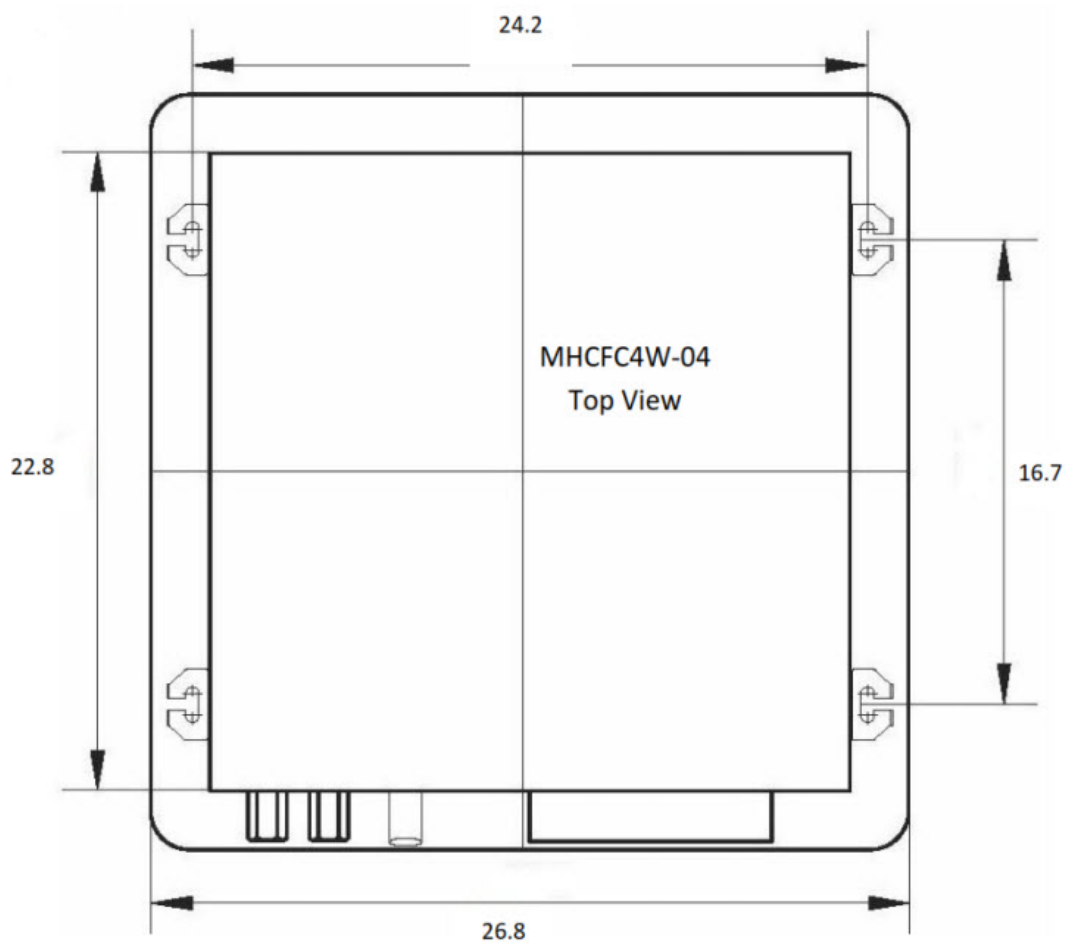
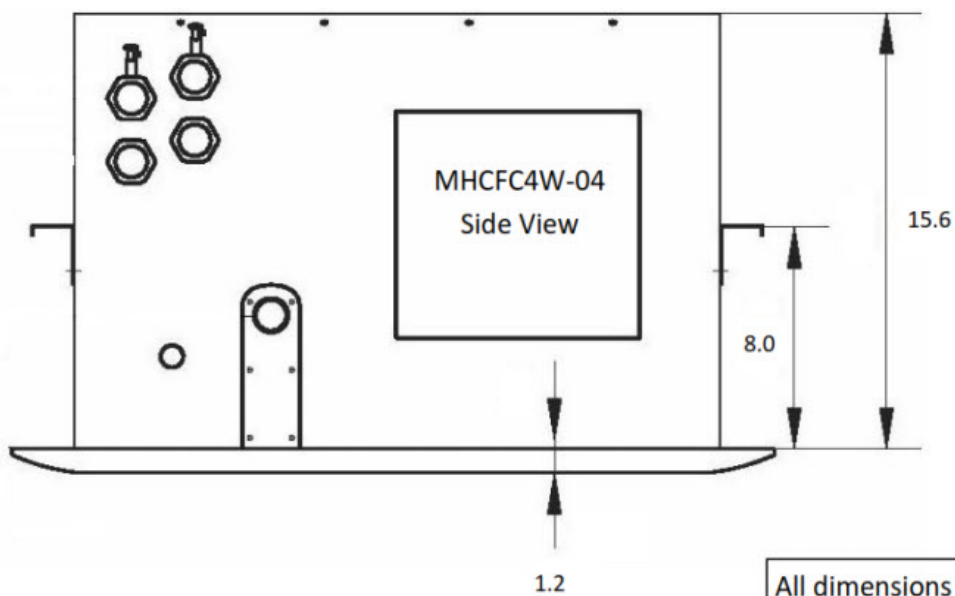
Primary coil = Larger coil in the first position as it relates to the leaving airflow of the fan coil.

Secondary coil = Smaller coil in the second position as it relates to the leaving airflow of the fan coil.

Primary + Secondary = Cooling and Heating coils are connected together **in the field** to offer a combined cooling or heating application. Not available on the CWA4 OR MHNCCW Fan Coils.

MHCFC4W Dimensional Drawing

Qty: 11 Item(s): 1 ton FC

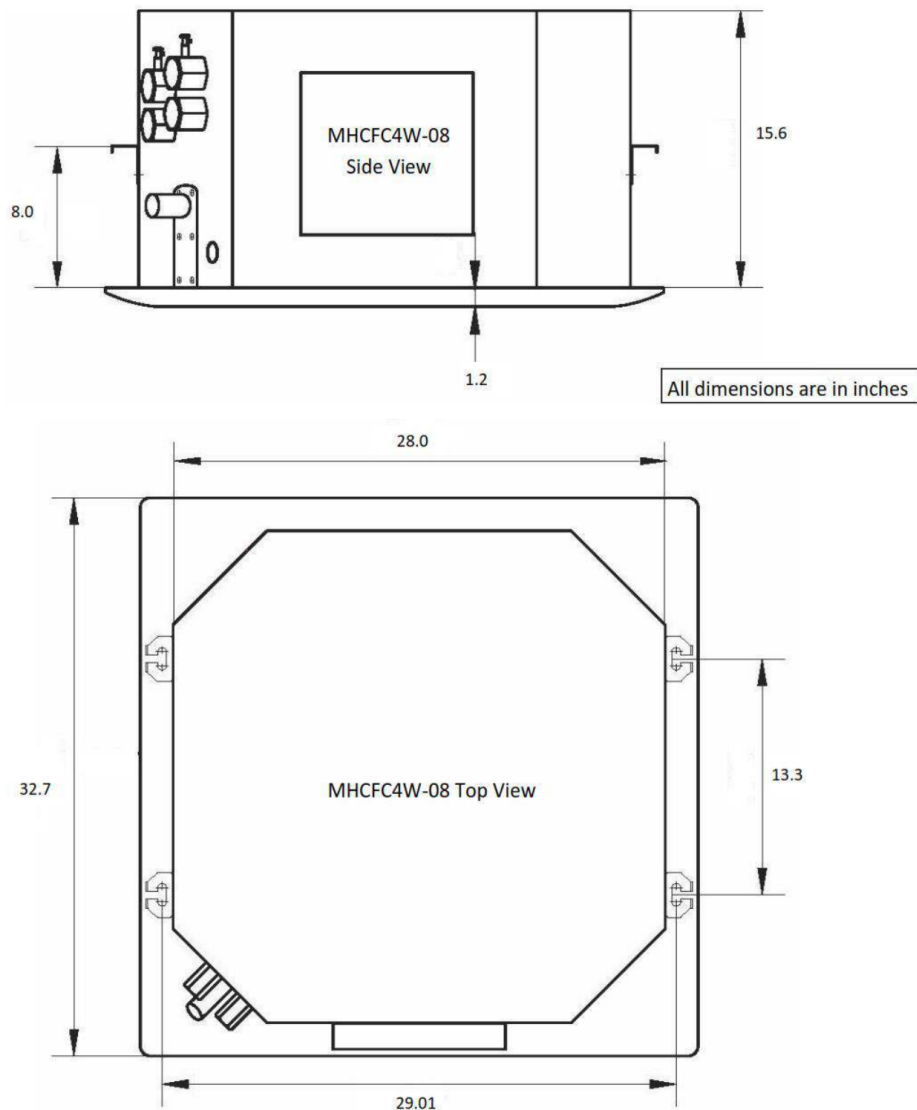
*These specifications are subject to change without notice.*

MHCFC4W-08 Dimensional Drawing

Qty: 8 Item(s): 2 Ton FC



Chilled Water Air Conditioning Systems

MHCFC4W-08-01 Dimensional Drawing**MHCFC4W-08**

These specifications are subject to change without notice.
Check www.multiaqua.com for latest published information.

These specifications are subject to change without notice. Check www.multiaqua.com for the latest information.

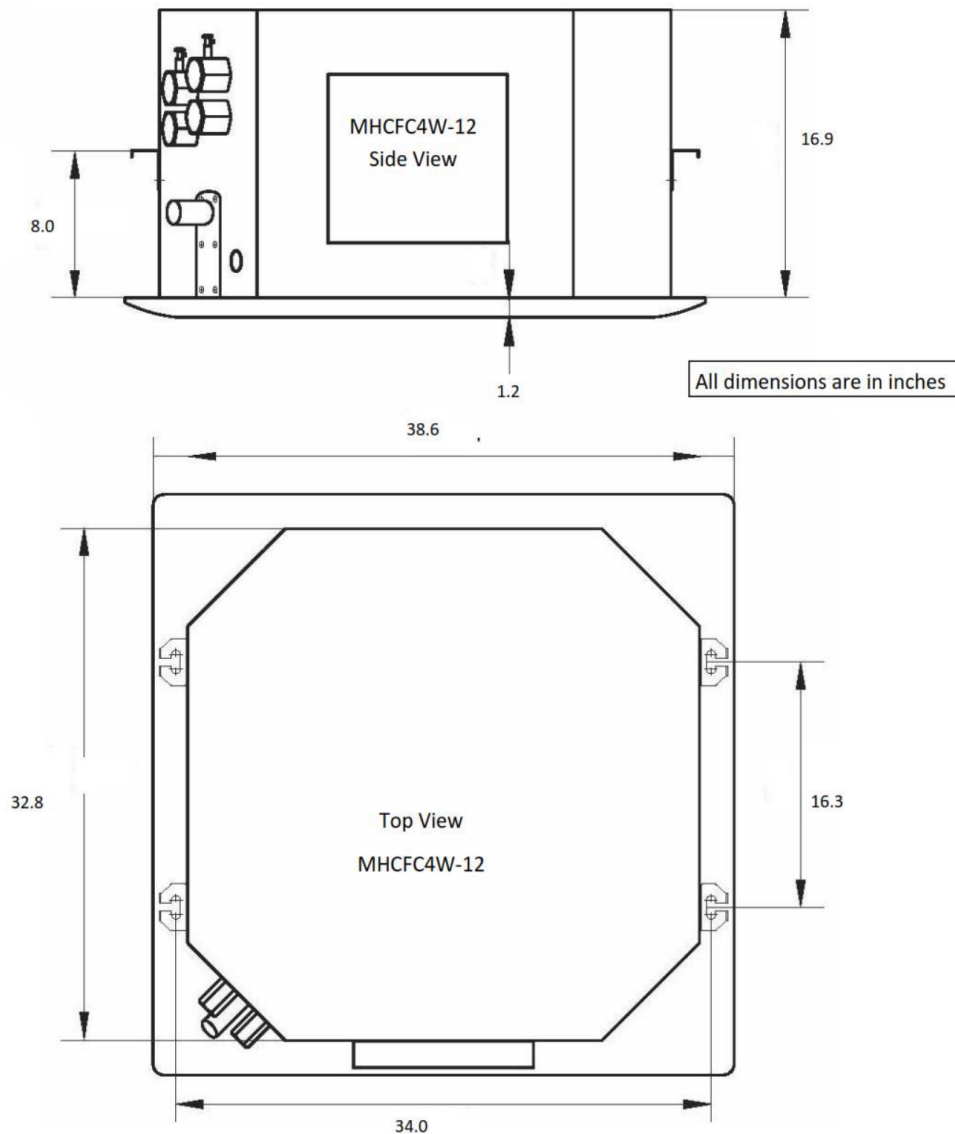
Rev. 1.1

MHCFC4W-12 Dimensional Drawing

Qty: 7 Item(s): 3 ton FC

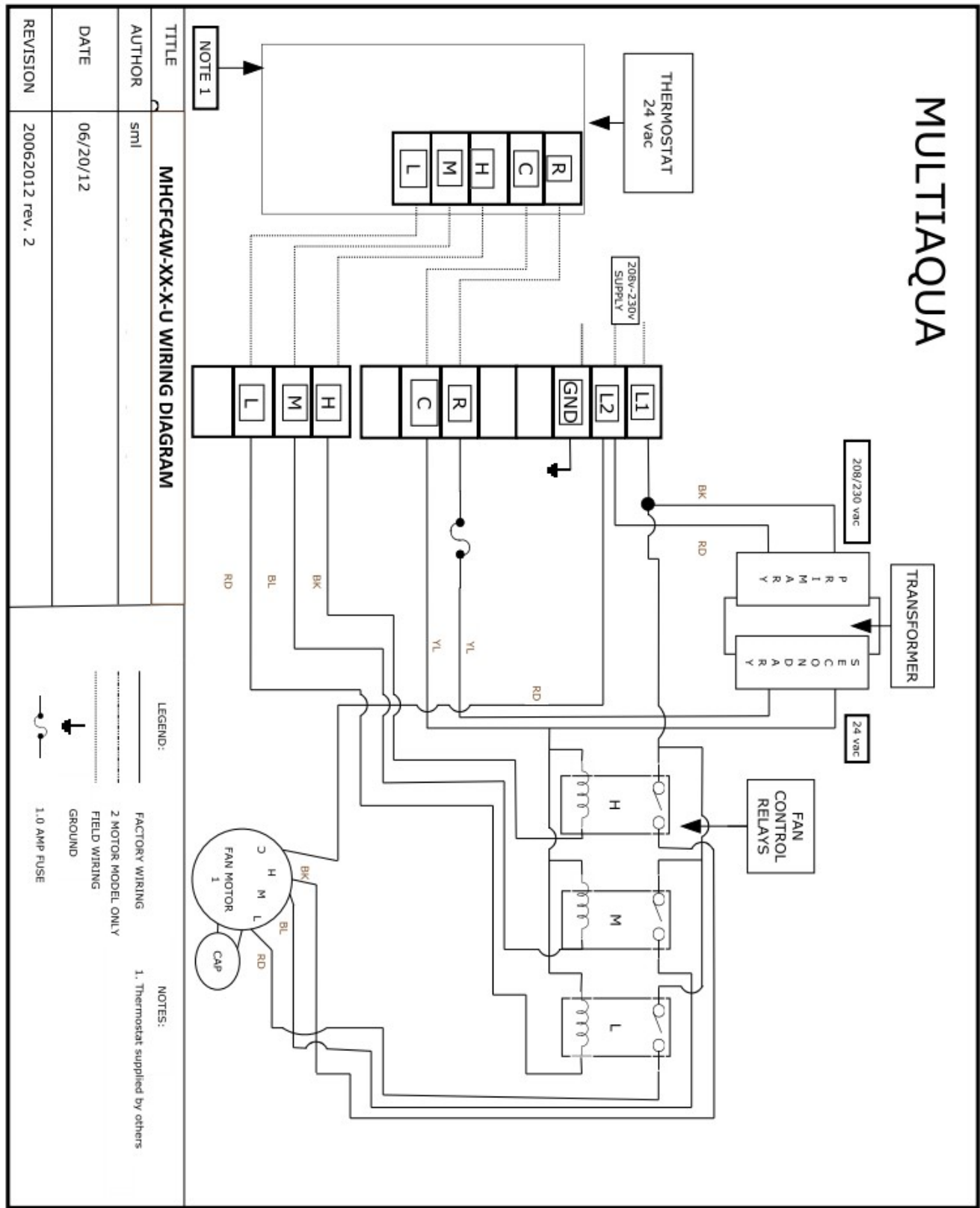


Chilled Water Air Conditioning Systems

MHCFC4W-12-01 Dimensional Drawing**MHCFC4W-12***These specifications are subject to change without notice.**Check www.multiaqua.com for latest published information.**These specifications are subject to change without notice. Check www.multiaqua.com for the latest information.**Rev. 1.1*

MHCFC4W Wiring Diagram

Qty: 26 Item(s): 1 ton FC, 2 Ton FC, 3 ton FC



MHCFC4W-04-1 Sound Data

Qty: 11 Item(s): 1 ton FC



Chilled Water Air Conditioning Systems

MHCFC4W-04-1 Sound Data

MODEL #	MHCFC4W-04-1
Fan Speed	dB @ 1 m
H	41
M	38
L	35

*These specifications are subject to change without notice.
Check www.multiaqua.com for latest published information.*

MHCFC4W-08-1 Sound Data

Qty: 8 Item(s): 2 Ton FC



Chilled Water Air Conditioning Systems

MHCFC4W-08-1 Sound Data

MODEL #	MHCFC4W-08-1
Fan Speed	dB @ 1 m
H	46
M	43
L	39

*These specifications are subject to change without notice.
Check www.multiaqua.com for latest published information.*

MHCFC4W-12-1 Sound Data

Qty: 7 Item(s): 3 ton FC



Chilled Water Air Conditioning Systems

MHCFC4W-12-1 Sound Data

MODEL #	MHCFC4W-12-1
Fan Speed	dB @ 1 m
H	50
M	46
L	42

*These specifications are subject to change without notice.
Check www.multiaqua.com for latest published information.*

Part 1-General

1.01 System Description:

Multiaqua Chilled Water Fan Coils are manufactured with galvanized steel and high impact molded polymers.

1.02 Quality Assurance

- A. ETL Certified in accordance with U.L. Standard 95, latest version (U.S.A.).
- B. Manufactured in a facility registered to ISO 9002, Manufacturing Quality Standard.
- C. Fully load tested at the factory.
- D. Damage resistant packaging.

1.03 Delivery, Storage and Handling

- A. Packaged and readied for shipment from the factory.
- B. Controls shall be capable of withstanding 150°F storage temperatures in the control compartment.

Part 2-Product

2.01 Equipment

- A. General:
 - 1. Unit shall be a factory assembled and tested water fan coil.
 - 2. Unit shall be assembled with high quality.
 - 3. Contained within the unit shall be all factory wiring, piping, and associated controls.
- B. Unit Cabinet and Cover:
 - 1. Cabinet is constructed of galvanized sheet metal.
 - 2. Cover composed of high impact polymers.
 - 3. Internally and externally insulated to ensure quiet operation.
- C. Fan Motor and Blower Wheels:
 - 1. Available in 208/230-1-50/60 VAC.
 - 2. Fan motor shall be three speed, direct drive, and PSC type.
 - 3. Fan motor shall be totally enclosed.
 - 4. Fan motor shall be internal overload protected.
 - 5. Radial blower wheel is dynamically balanced.
- D. Air Distribution:
 - 1. Unit contains four manually adjustable discharge air louvers.
- E. Water Coil:
 - 1. Manufactured with water coils containing copper tubing mechanically bonded to aluminum fins.
 - 2. Coils are factory tested to 300 psig.
 - 3. Coils are designed to accept an entering water temperature not to exceed 160°F
 - 4. Pressure independent flow control required on both coils to not exceed max flow for each coil. Consult primary coil and secondary coil data for proper sizing
- F. Drain Pan:
 - 1. Constructed of injected molded polystyrene.
- G. Filters:
 - 1. Unit shall contain a woven panel washable filter.
- H. Fresh Air:
 - 1. Unit shall be able to receive up to 50% filtered fresh air.
 - 2. Fresh air introduced shall be externally fan forced and externally controlled.

Part 3-Controls and Safeties

3.01 Controls

- A. Fan coils are factory wired and tested.
- B. Unit includes a terminal block that is capable of incorporating a 24 vac, field supplied, hard wired thermostat.

3.02 Safeties

- A. Fan coil contains a renewable fuse on the low voltage side of the transformer.
- B. Coils shall be designed to accept an entering water temperature not to exceed 160°F.

Part 4- Operating Characteristics

4.01 Electrical Requirements

- A. Electrical line voltage connections shall be made at the factory supplied terminal block.

- B. Factory wiring shall be rated according to UL listing at the time of manufacturing.

4.02 Installation in high ambient/high humidity environments

- A. Cabinets are internally insulated from the factory. However, when these units are installed in high ambient/high humidity environments, additional external cabinet insulation may be required.

Part 5- Definitions:

5.01 Abbreviations

- A. CFM = Cubic Feet per Minute
- B. DB = Dry Bulb Temperature
- C. EWT = Entering Water Temperature
- D. GPM = US Gallons Per Minute
- E. MBH = BTU X 1000
- F. SC = Sensible Cooling
- G. TC = Total Cooling = Sensible + Latent
- H. WB = Wet Bulb Temperature
- I. WPD = Water Pressure Drop in feet of head
- J. dB = Decibel Level
- K. m = Meter
- L. In = Inches
- M. FPI = Fins per Inch
- N. OD = Outside Diameter
- O. ID = Inside Diameter
- P. MCA = Minimum Circuit Amps
- Q. MOP = Maximum Over current Protection
- R. LBS = Pounds U.S.

5.02 Measurements

- A. All measurements with regard to length, width, and height shall be in inches.



SUBMITTAL DATA

EQUIPMENT: IEC Ducted Fancoils

SPEC SECTION:

TAGS: FC1-7, 9, 10, 26, 27, 28, 29 & 2-5

PROJECT: Little Rock West High School

LOCATION: Little Rock, AR

ENGINEER: **LEWIS
ARCHITECTS
ENGINEERS** 

CONTRACTOR: **COMFORT
SYSTEMS USA**
A R K A N S A S

DATE: 4/15/2024

SUBMITTED BY: Nick Moore
nick.moore@airetechcorp.com

PROJECT SUBMITTAL

4/12/2024



Project Name: Little Rock West HS
Project Location:
Created by: Nick Moore
Printed Date: 4/12/2024 1:26 PM
Selection Date: 5/6/2023 9:30 AM
Last Revision: 4/12/2024 1:25 PM

INTERNATIONAL ENVIRONMENTAL CORPORATION

5000 I-40 West Service Road
Oklahoma City, OK 73128
PH: 405-605-5000
Quote #: QT165465-0

Unit Tag: FC1-7,FC2-5 Qty: 2 Model: CPY12 System: 4-Pipe Hydronic Heat/ Hydronic Cool (Quick Ship)

Unit Data

Motor Type:	EC Motor, Proportional 0-10VDC			Coil Hand:	RH	
Motor HP:	0.17		Weight (Dry):	154 lbs	Coil Tube Dia:	0.50 in
Motor Program FLA:	3.2	Amps	Weight (Wet):	169 lbs	Coil Face Area:	3.65 ft^2
Motor Watts:	304	W	Fan Speed:	H	Cooling Coil Connection:	0.50 in
Unit MCA:	3.6	Amps	Filter Size:	10 x 62 x 1 in	Heating Coil Connection:	0.50 in
Unit MFS:	15	Amps	Filter Face Area:	4.31 ft^2		
Unit Volt:	208/1/60		Filter Type:	1" Pleated (MERV 8) Filter		

Performance Data			Unit Configuration	CPY - with Plenum (Quick
Altitude:	0	Ft	Unit & Size-CPY Unit Size 12	
Air Flow Rate:	1074	CFM	Coil-4 Row Cooling/1 Row Heating (4 Pipe) SE Conn	
ESP:	0.25	InWC	Coil Options-Tube Wall Thickness 0.016"	
Coil Face Velocity:	294	Ft/Min	Coil Hand-Right Hand Coil	
Cooling Performance			CoilTestPressure-350 PSIG	
Fluid:	Ethylene	20.0 %	Coil Drains-None	
EAT DB/WB:	80.0 / 67.0	F	Coil Options - Aluminum Fins	
LAT DB/WB:	58.2 / 56.6	F	Motor-Dual V2.0 Eco-tel Motor - 208/1/60	
Total Capacity:	35061	BTUH	ECM Seq-Proportional Airflow for 0_10 VDC and 4_20 mA Input	
Sensible Capacity:	25774	BTUH	Arrangement-Rear Return/Front Supply	
EWT/LWT:	42.0 / 56	F	Outside Air-No Outside Air Accessories	
Fluid FLOW:	5.284	GPM	Tstat-Proportional Fan Thermostat By Others	
Fluid P.D.:	4.2	FtWC	Cntrl Pkg-4 Pipe H/C (Eco-telligent)	
Rows / FPI / Circuits:	4 / 10 / 4		Cntrl Option-20 amp Serv Switch 208/220/240 V (Non Fused)	
Heating Performance			Ctrl Option-Condensate Overflow Sw	
Fluid:	Ethylene	20.0 %	Primary Valve Package - None	
EAT DB/WB:	60.0	F	Secondary Valve Package - None	
LAT DB/WB:	92	F	Piping and Controls-Opposite Side Piping and Controls	
Total Capacity:	38121	BTUH	Return Air-Ducted Return	
EWT/LWT:	160.0 / 140	F	Supply Air-Ducted Supply	
Fluid FLOW:	4.012	GPM	Filter-1" Pleated (MERV 8) filter	
Fluid P.D.:	21.4	FtWC	Side Filter Access	
Rows / FPI / Circuits:	1 / 10 / 1		Removable Drain Pan, Stainless Steel, External Insulation	
			Cabinet Ins-1/2" Standard Fiberglass	
			Packaging-Box and Palletize Units	

*Valve packages by others

PROJECT SUBMITTAL

4/12/2024



Project Name: Little Rock West HS
Project Location:
Created by: Nick Moore
Printed Date: 4/12/2024 1:26 PM
Selection Date: 5/6/2023 9:30 AM
Last Revision: 4/12/2024 1:25 PM

INTERNATIONAL ENVIRONMENTAL CORPORATION

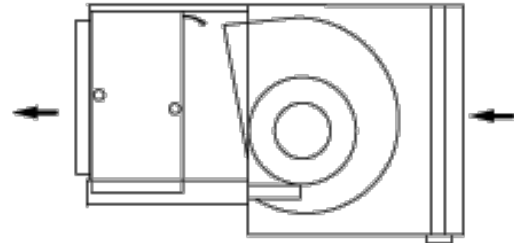
5000 I-40 West Service Road
Oklahoma City, OK 73128
PH: 405-605-5000
Quote #: QT165465-0

Unit Tag: FC1-7,FC2-5 Qty: 2 Model: CPY12 System: 4-Pipe Hydronic Heat/ Hydronic Cool (Quick Ship)

Unit Connections Configuration



FRONT



RIGHT

Supply: Supply Air Duct Collar
Return: Ducted Return

Coil Hand: RH
Electrical Box: LH

Unit Typical ISO View



Unit Tag

FC1-7,FC2-5

PROJECT SUBMITTAL

4/12/2024



Project Name: Little Rock West HS
 Project Location:
 Created by: Nick Moore
 Printed Date: 4/12/2024 1:26 PM
 Selection Date: 5/6/2023 9:30 AM
 Last Revision: 4/12/2024 1:25 PM

INTERNATIONAL ENVIRONMENTAL CORPORATION

5000 I-40 West Service Road
 Oklahoma City, OK 73128
 PH: 405-605-5000
 Quote #: QT165465-0

Unit Tag: FC1-10,FC1- Qty: 4 Model: CPY08 System: 4-Pipe Hydronic Heat/ Hydronic Cool (Quick Ship)

Unit Data FC1-9, 1-10, 1-26, 1-27

Motor Type:	EC Motor, Proportional 0-10VDC		Coil Hand:	RH		
Motor HP:	0.17	Weight (Dry):	95 lbs	Coil Tube Dia:	0.50 in	
Motor Program FLA:	1.6	Amps	Weight (Wet):	105 lbs	Coil Face Area:	2.31 ft^2
Motor Watts:	174	W	Fan Speed:	H	Cooling Coil Connection:	0.50 in
Unit MCA:	2	Amps	Filter Size:	10 x 40 x 1 in	Heating Coil Connection:	0.50 in
Unit MFS:	15	Amps	Filter Face Area:	2.78 ft^2		
Unit Volt:	208/1/60		Filter Type:	1" Pleated (MERV 8) Filter		

Performance Data			Unit Configuration	CPY - with Plenum (Quick
Altitude:	0	Ft	Unit & Size-CPY Unit Size 08	
Air Flow Rate:	638	CFM	Coil-4 Row Cooling/1 Row Heating (4 Pipe) SE Conn	
ESP:	0.25	InWC	Coil Options-Tube Wall Thickness 0.016"	
Coil Face Velocity:	276	Ft/Min	Coil Hand-Right Hand Coil	
Cooling Performance			CoilTestPressure-350 PSIG	
Fluid:	Ethylene	20.0 %	Coil Drains-None	
EAT DB/WB:	80.0 / 67.0	F	Coil Options - Aluminum Fins	
LAT DB/WB:	57.5 / 55.9	F	Motor-V2.0 Eco-tel Motor - 208/1/60	
Total Capacity:	22119	BTUH	ECM Seq-Proportional Airflow for 0_10 VDC and 4_20 mA Input	
Sensible Capacity:	15858	BTUH	Arrangement-Rear Return/Front Supply	
EWT/LWT:	42.0 / 56	F	Outside Air-No Outside Air Accessories	
Fluid FLOW:	3.334	GPM	Tstat-Proportional Fan Thermostat By Others	
Fluid P.D.:	9.2	FtWC	Cntrl Pkg-4 Pipe H/C (Eco-telligent)	
Rows / FPI / Circuits:	4 / 10 / 2		Cntrl Option-20 amp Serv Switch 208/220/240 V (Non Fused)	
Heating Performance			Ctrl Option-Condensate Overflow Sw	
Fluid:	Ethylene	20.0 %	Primary Valve Package - None	
EAT DB/WB:	60.0	F	Secondary Valve Package - None	
LAT DB/WB:	91.5	F	Piping and Controls-Opposite Side Piping and Controls	
Total Capacity:	22314	BTUH	Return Air-Ducted Return	
EWT/LWT:	160.0 / 140	F	Supply Air-Ducted Supply	
Fluid FLOW:	2.348	GPM	Filter-1" Pleated (MERV 8) filter	
Fluid P.D.:	5.5	FtWC	Side Filter Access	
Rows / FPI / Circuits:	1 / 10 / 1		Removable Drain Pan, Stainless Steel, External Insulation	
			Cabinet Ins-1/2" Standard Fiberglass	
			Packaging-Box and Palletize Units	

*Valve packages by others

International Environmental Corporation (IEC) works continually to improve its products. As a result, the design and specifications of each product may be changed without notice and may not be as described herein. Please contact IEC for information regarding current design and product specifications. Statements and other information contained herein are not express warranties and do not form the basis of any bargain between the parties but are merely IEC's opinion or commendation of its products. Manufacturer's standard limited warranty applies.

PROJECT SUBMITTAL

4/12/2024



Project Name: Little Rock West HS
Project Location:
Created by: Nick Moore
Printed Date: 4/12/2024 1:26 PM
Selection Date: 5/6/2023 9:30 AM
Last Revision: 4/12/2024 1:25 PM

INTERNATIONAL ENVIRONMENTAL CORPORATION

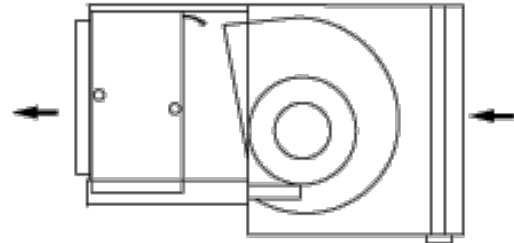
5000 I-40 West Service Road
Oklahoma City, OK 73128
PH: 405-605-5000
Quote #: QT165465-0

Unit Tag: FC1-10,FC1- Qty: 4 Model: CPY08 System: 4-Pipe Hydronic Heat/ Hydronic Cool (Quick Ship)

Unit Connections Configuration



FRONT



RIGHT

Supply: Supply Air Duct Collar
Return: Ducted Return

Coil Hand: RH
Electrical Box: LH

Unit Typical ISO View



Unit Tag

FC1-10,FC1-26,FC1-27,FC1-9

PROJECT SUBMITTAL

4/12/2024



Project Name: Little Rock West HS
Project Location:
Created by: Nick Moore
Printed Date: 4/12/2024 1:26 PM
Selection Date: 5/6/2023 9:30 AM
Last Revision: 4/12/2024 1:25 PM

INTERNATIONAL ENVIRONMENTAL CORPORATION

5000 I-40 West Service Road
Oklahoma City, OK 73128
PH: 405-605-5000
Quote #: QT165465-0

Unit Tag: FC1-28,FC1-29 Qty: 2 Model: CPY04 System: 4-Pipe Hydronic Heat/ Hydronic Cool (Quick Ship)

Unit Data

Motor Type:	EC Motor, Proportional 0-10VDC			Coil Hand:	LH	
Motor HP:	0.17		Weight (Dry):	70 lbs	Coil Tube Dia:	0.50 in
Motor Program FLA:	1.4	Amps	Weight (Wet):	75 lbs	Coil Face Area:	1.35 ft^2
Motor Watts:	126	W	Fan Speed:	H	Cooling Coil Connection:	0.50 in
Unit MCA:	1.75	Amps	Filter Size:	10 x 28 x 1 in	Heating Coil Connection:	0.50 in
Unit MFS:	15	Amps	Filter Face Area:	1.94 ft^2		
Unit Volt:	208/1/60		Filter Type:	1" Pleated (MERV 8) Filter		

Performance Data			Unit Configuration	CPY - with Plenum (Quick
Altitude:	0	Ft	Unit & Size-CPY Unit Size 04	
Air Flow Rate:	547	CFM	Coil-3 Row Cooling/1 Row Heating (4 Pipe) SE Conn	
ESP:	0	InWC	Coil Options-Tube Wall Thickness 0.016"	
Coil Face Velocity:	403	Ft/Min	Coil Hand-Left Hand Coil	
Cooling Performance			CoilTestPressure-350 PSIG	
Fluid:	Water		Coil Drains-None	
EAT DB/WB:	75 / 63	F	Coil Options - Aluminum Fins	
LAT DB/WB:	57.3 / 54.8	F	Motor-V2.0 Eco-tel Motor - 208/1/60	
Total Capacity:	13215	BTUH	ECM Seq-Proportional Airflow for 0_10 VDC and 4_20 mA Input	
Sensible Capacity:	10629	BTUH	Arrangement-Rear Return/Front Supply	
EWT/LWT:	42 / 52	F	Outside Air-No Outside Air Accessories	
Fluid FLOW:	2.619	GPM	Tstat-Proportional Fan Thermostat By Others	
Fluid P.D.:	16.6	FtWC	Cntrl Pkg-4 Pipe H/C (Eco-telligent)	
Rows / FPI / Circuits:	3 / 10 / 1		Cntrl Option-20 amp Serv Switch 208/220/240 V (Non Fused)	
Heating Performance			Ctrl Option-Condensate Overflow Sw	
Fluid:	Ethylene	20 %	Primary Valve Package - None	
EAT DB/WB:	70	F	Secondary Valve Package - None	
LAT DB/WB:	89.2	F	Piping and Controls-Opposite Side Piping and Controls	
Total Capacity:	11618	BTUH	Return Air-Ducted Return	
EWT/LWT:	160 / 130	F	Supply Air-Ducted Supply	
Fluid FLOW:	0.815	GPM	Filter-1" Pleated (MERV 8) filter	
Fluid P.D.:	0.6	FtWC	Removable Drain Pan, Stainless Steel, External Insulation	
Rows / FPI / Circuits:	1 / 10 / 1		Cabinet Ins-1/2" Standard Fiberglass	
			Packaging-Box and Palletize Units	

***Valve packages by others**

PROJECT SUBMITTAL

4/12/2024



Project Name: Little Rock West HS
Project Location:
Created by: Nick Moore
Printed Date: 4/12/2024 1:26 PM
Selection Date: 5/6/2023 9:30 AM
Last Revision: 4/12/2024 1:25 PM

INTERNATIONAL ENVIRONMENTAL CORPORATION

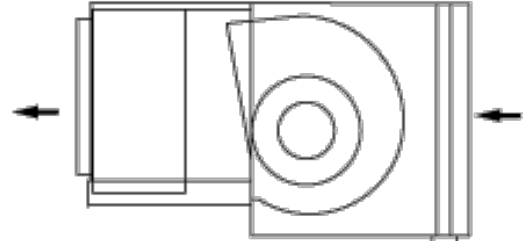
5000 I-40 West Service Road
Oklahoma City, OK 73128
PH: 405-605-5000
Quote #: QT165465-0

Unit Tag: FC1-28,FC1- Qty: 2 Model: CPY04 System: 4-Pipe Hydronic Heat/ Hydronic Cool (Quick Ship)

Unit Connections Configuration



FRONT



RIGHT

Supply: Supply Air Duct Collar
Return: Ducted Return

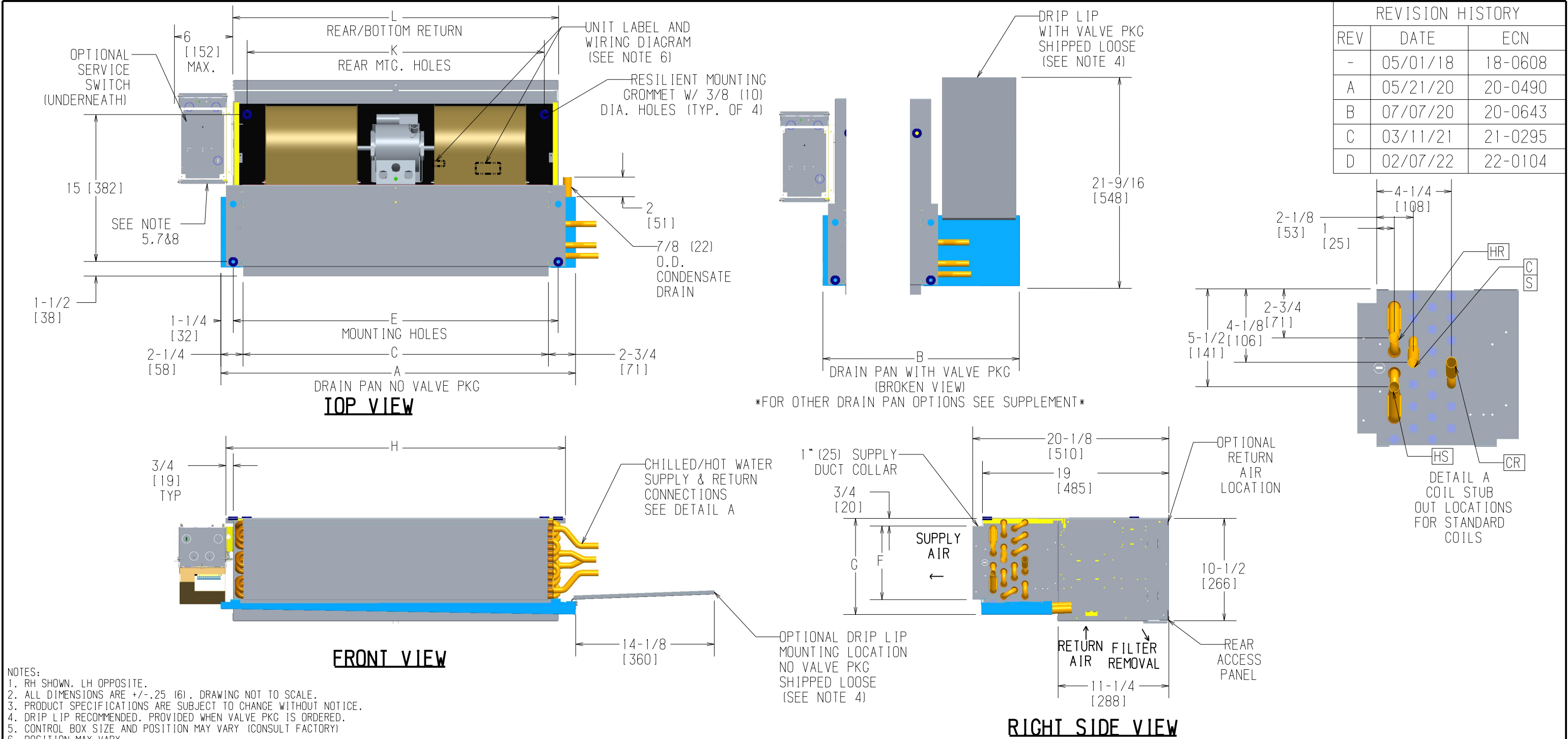
Coil Hand: LH
Electrical Box: RH

Unit Typical ISO View



Unit Tag

FC1-28,FC1-29

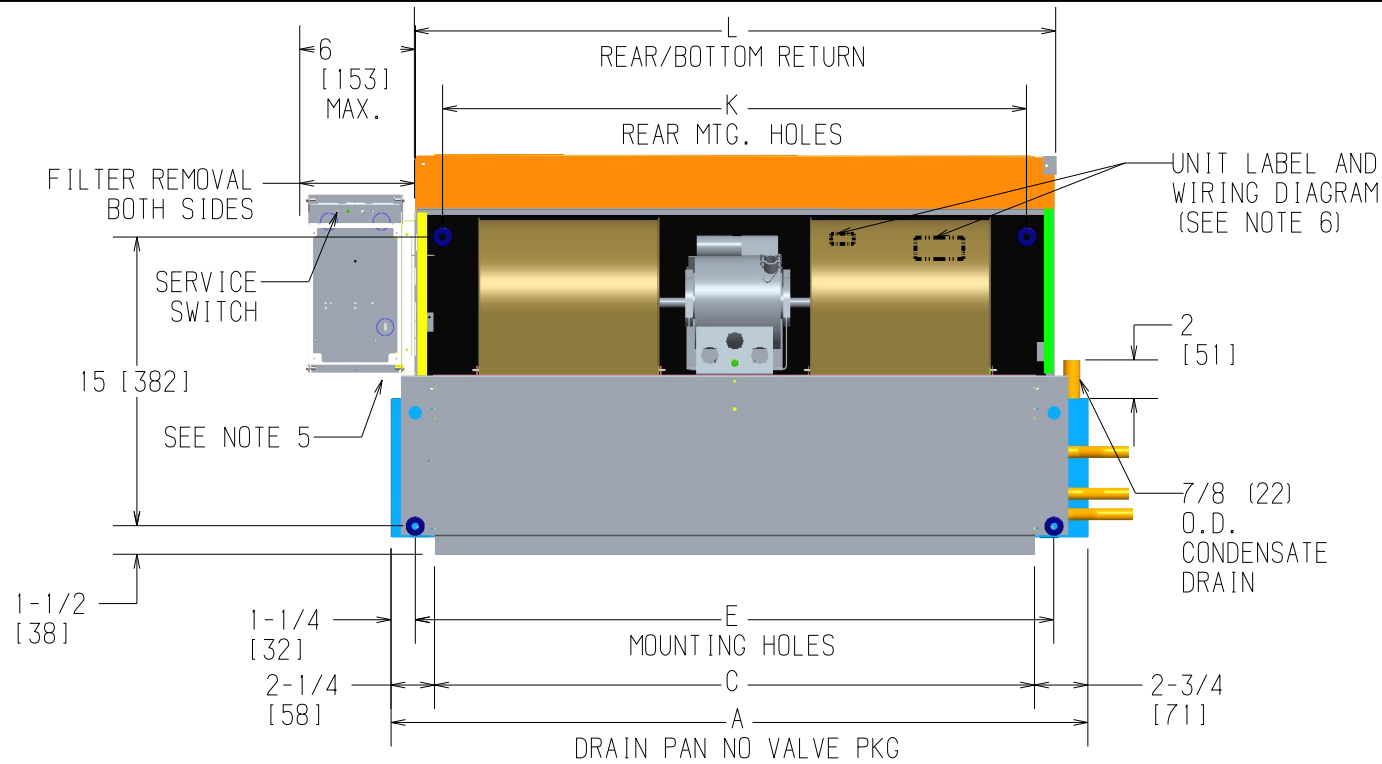


REVISION HISTORY		
REV	DATE	ECN
-	05/01/18	18-0608
A	05/21/20	20-0490
B	07/07/20	20-0643
C	03/11/21	21-0295
D	02/07/22	22-0104

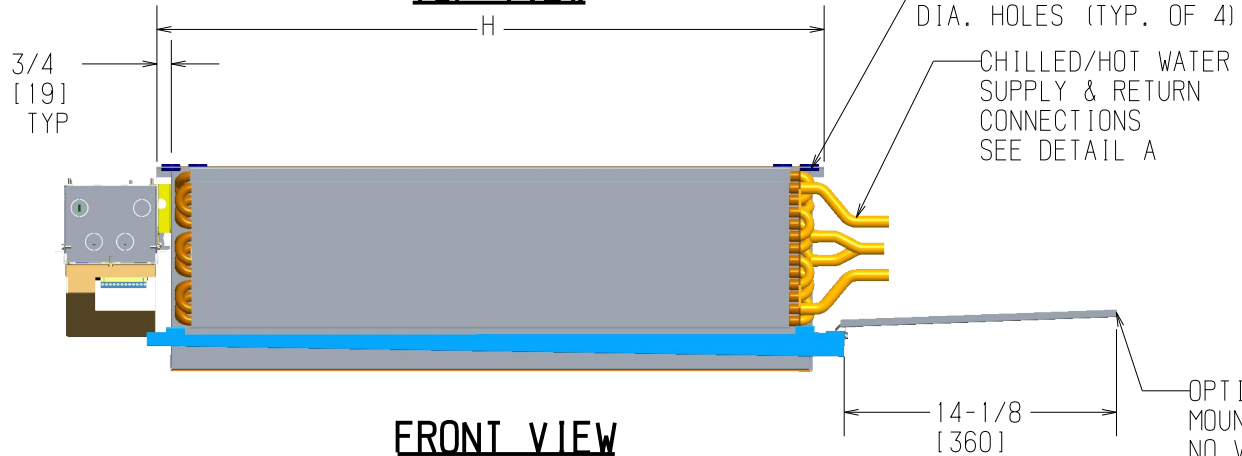
- NOTES:
1. RH SHOWN, LH OPPOSITE.
 2. ALL DIMENSIONS ARE +/- .25 (6). DRAWING NOT TO SCALE.
 3. PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
 4. DRIP LIP RECOMMENDED. PROVIDED WHEN VALVE PKG IS ORDERED.
 5. CONTROL BOX SIZE AND POSITION MAY VARY (CONSULT FACTORY)
 6. POSITION MAY VARY.
 7. SERVICE ACCESS IS LOCATED ON THE BOTTOM OF THE CONTROL BOX.
 8. KNOCKOUTS ON THE BOTTOM AND SIDE OF THE CONTROL BOX FOR INCOMING POWER CONNECTIONS
 9. TYPICAL SIZE 06 UNIT SHOWN WITH 1-MOTOR AND 2-BLWR - REFER TO TABLE FOR VARIATION.
 10. SEE VALVE PACKAGE SUPPLEMENTAL FOR PIPING TERMINATION.

Unit Model	Dimensions - Inches (Millimeters)										Quantity/Unit	
	A	B	C	E	F	G	H	K	L		BLWR	MOTOR
CPY 02	21-1/4 (540)	28-1/2 (724)	16 (406)	18-1/4 (464)	6-1/4 (159)	8-3/4 (222)	19-3/4 (502)	15-3/8 (391)	18-1/4 (464)		1	1
CPY 03	25-1/4 (641)	32-1/2 (826)	20 (508)	22-1/4 (565)	6-1/4 (159)	8-3/4 (222)	23-3/4 (603)	19-3/8 (493)	22-1/4 (565)		1	1
CPY 04	31-1/4 (794)	38-1/2 (978)	26 (660)	28-1/4 (718)	6-1/4 (159)	8-3/4 (222)	29-3/4 (756)	25-3/8 (654)	28-1/4 (718)		2	1
CPY 06	36-1/4 (921)	43-1/2 (1105)	31 (787)	33-1/4 (845)	7-1/2 (191)	10 (254)	34-3/4 (883)	30-3/8 (772)	33-1/4 (845)		2	1
CPY 08	43-1/4 (1099)	50-1/2 (1283)	38 (965)	40-1/4 (1022)	7-1/2 (191)	10 (254)	41-3/4 (1060)	37-3/8 (950)	40-1/4 (1022)		2	1
CPY 10	57-1/4 (1454)	64-1/2 (1638)	52 (1321)	54-1/4 (1378)	7-1/2 (191)	10 (254)	55-3/4 (1416)	51-3/8 (1306)	54-1/4 (1378)		4	2
CPY 12	65-1/4 (1657)	72-1/2 (1842)	60 (1524)	62-1/4 (1581)	7-1/2 (191)	10 (254)	63-3/4 (1619)	59-3/8 (1509)	62-1/4 (1581)		4	2

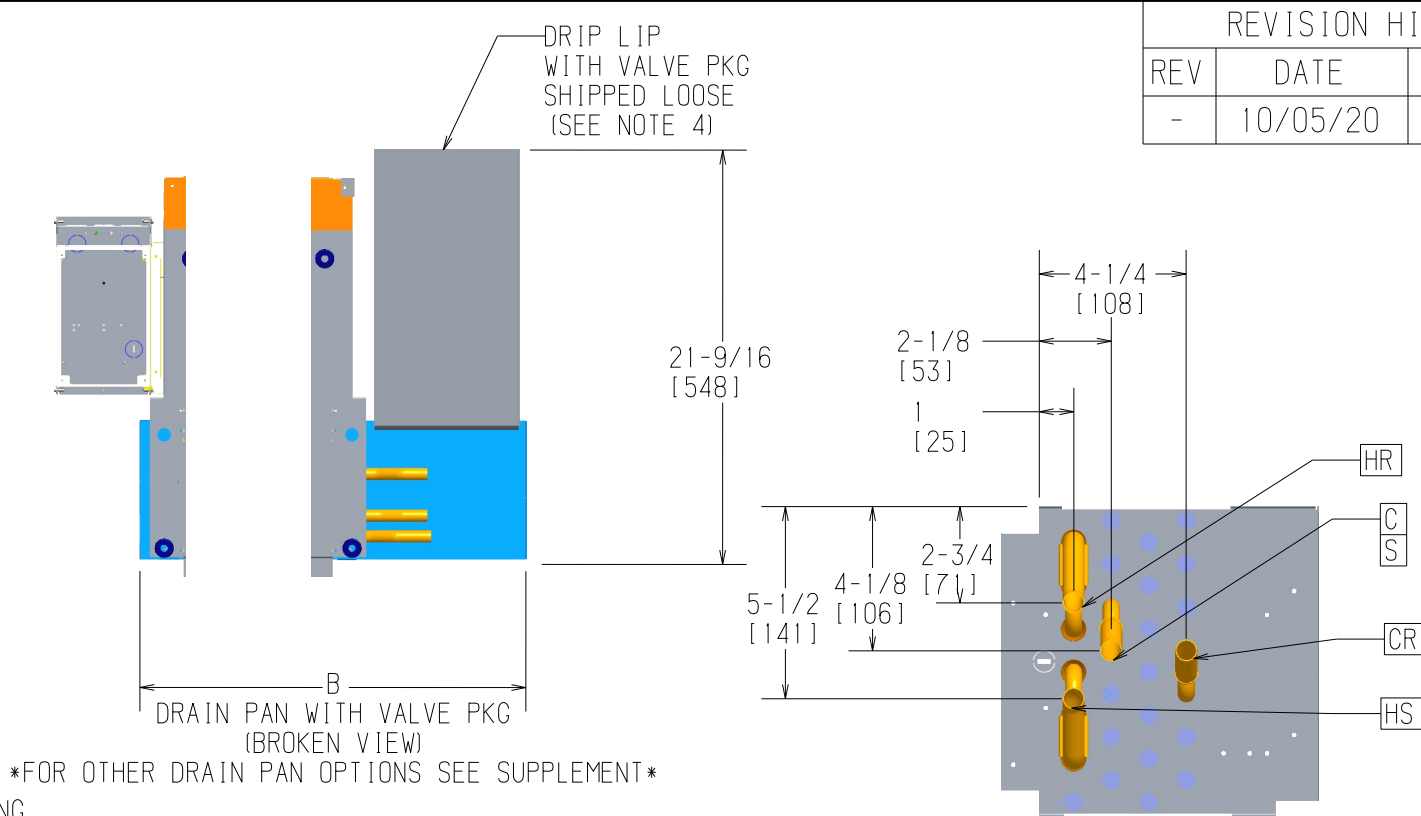
TITLE			
CPY HORIZONTAL HIDEAWAY W/PLENUM			
DWC NO			REV
1100-90041391			D
DRAWN	DATE	APPROVED	DATE
J. FUSON	2/13/20	S.STOTTS	2/13/20



TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW

- NOTES:
1. RH SHOWN, LH OPPOSITE.
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 3. PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
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 5. CONTROL BOX SIZE AND POSITION MAY VARY (CONSULT FACTORY).
 6. POSITION MAY VARY.
 7. SERVICE ENTRANCE IS LOCATED ON THE BOTTOM OF THE CONTROL BOX WITH KNOCKOUTS.
 8. UNITS WITHOUT SERVICE SWITCH USE THE KNOCKOUTS ON THE REAR SIDE OF THE CONTROL BOX.
 9. TYPICAL SIZE 06 UNIT SHOWN WITH 1-MOTOR AND 2-BLWR - REFER TO TABLE FOR VARIATION.
 10. SEE VALVE PACKAGE SUPPLEMENTAL FOR PIPING TERMINATION.

Unit Model	Dimensions - Inches (Millimeters)										Quantity/Unit	
	A	B	C	E	F	G	H	K	L		BLWR	MOTOR
CPY 02	21-1/4 (540)	28-1/2 (724)	16 (406)	18-1/4 (464)	6-1/4 (159)	8-3/4 (222)	19-3/4 (502)	15-3/8 (391)	18-1/4 (464)		1	1
CPY 03	25-1/4 (641)	32-1/2 (826)	20 (508)	22-1/4 (565)	6-1/4 (159)	8-3/4 (222)	23-3/4 (603)	19-3/8 (493)	22-1/4 (565)		1	1
CPY 04	31-1/4 (794)	38-1/2 (978)	26 (660)	28-1/4 (718)	6-1/4 (159)	8-3/4 (222)	29-3/4 (756)	25-3/8 (654)	28-1/4 (718)		2	1
CPY 06	36-1/4 (921)	43-1/2 (1105)	31 (787)	33-1/4 (845)	7-1/2 (191)	10 (254)	34-3/4 (883)	30-3/8 (772)	33-1/4 (845)		2	1
CPY 08	43-1/4 (1099)	50-1/2 (1283)	38 (965)	40-1/4 (1022)	7-1/2 (191)	10 (254)	41-3/4 (1060)	37-3/8 (950)	40-1/4 (1022)		2	1
CPY 10	57-1/4 (1454)	64-1/2 (1638)	52 (1321)	54-1/4 (1378)	7-1/2 (191)	10 (254)	55-3/4 (1416)	51-3/8 (1306)	54-1/4 (1378)		4	2
CPY 12	65-1/4 (1657)	72-1/2 (1842)	60 (1524)	62-1/4 (1581)	7-1/2 (191)	10 (254)	63-3/4 (1619)	59-3/8 (1509)	62-1/4 (1581)		4	2

REVISION HISTORY		
REV	DATE	ECN
-	10/05/20	20-0929

























TITLE			
CPY HORIZONTAL HIDEAWAY W/PLENUM			
DWC NO			REV
1100-90043206			-
DRAWN	DATE	APPROVED	DATE
J. FUSON	10/05/20	S.STOTTS	10/05/20

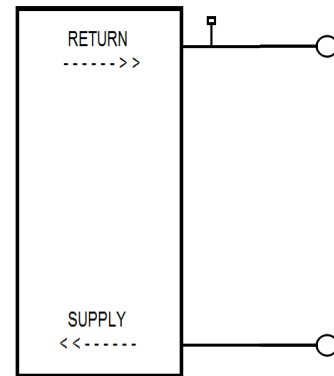
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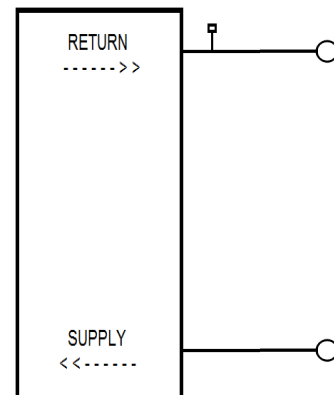
Project: Little Rock West HS

Date Generated: 4/12/2024 1:26 PM

LEGEND	
	PIPE
	AIR VENT
	UNION
	SWAGE
	PT PORT
	PETE'S PLUG
	2-WAY MOTORIZED VALVE
	3-WAY MOTORIZED VALVE
	BALANCE VALVE
	CIRCUIT SETTER
	FIXED FLOW VALVE
	STRAINER
	STRAINER W/BLOWDOWN
	AQUASTAT
	CHANGE OVER
	THREADED ADAPTER
	BALL VALVE
	BALL VALVE ON THE RISER
	HOSEKIT
	COMBINATION SUPPLY
	COMBINATION RETURN
	SUREFLOW PUMP



SECONDARY COIL



PRIMARY COIL

NOTES:

1. THIS DOCUMENT IS FOR REFERENCE ONLY AND NOT AN AS BUILT DRAWING.
2. VALVE PACKAGE MAY BE FIELD OR FACTORY INSTALLED.
3. SOME COMPONENTS MAY BE PRESENT IN ANOTHER ASSEMBLY AND SHOWN FOR CLARIFICATION ONLY.
4. AIR VENTS AND OPTIONAL COIL DRAIN (WHEN SPECIFIED) MOUNTED ON COIL.



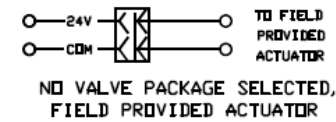
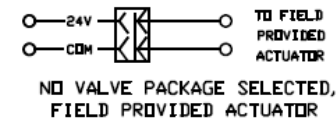
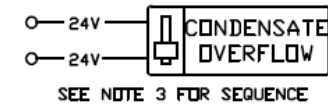
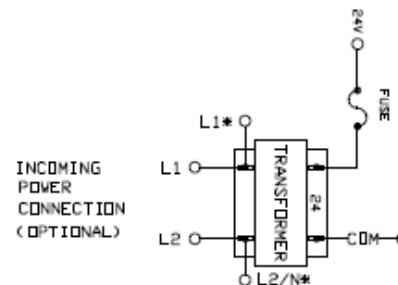
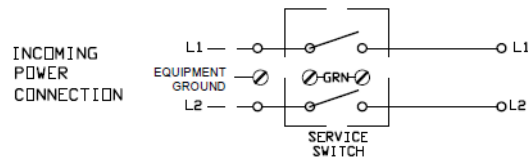
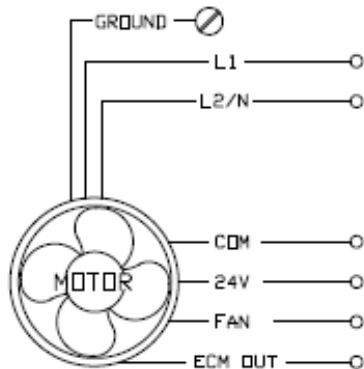
EntityID;EntityRev: QT165465;0

Applies to Lines: 1, 2, 3

Project: Little Rock West HS


Date Generated: 4/12/2024 1:26 PM

Tstat by Others



NOTES:

1. PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
2. NOT AS BUILT DRAWING, CONTACT FACTORY FOR ACTUAL WIRING CONFIGURATION.
3. CONDENSATE OVERFLOW SWITCH TO INTERRUPT 24V POWER TO UNIT UNLESS SPECIFIED OTHERWISE.

	INTERNATIONAL ENVIRONMENTAL
	TITLE ELECTRICAL SUBMITTAL 4 PIPE HTG/ CLG

Packaging and Shipping Details

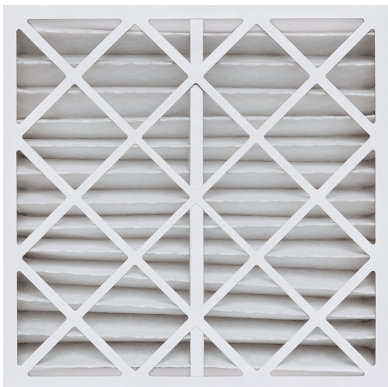
Horizontal, Vertical and High Performance Units (Typical)

- i. Horizontal, Vertical and High Performance Units (except HLY and HXY) are boxed individually.
- ii. HLY and HXY High Performance cabinet units will be palletized only.
- iii. Units are shipped typically LTL or by full truck load depending on the size of the order.





1" Pleated MERV 8 Filter

Filter Information		
Manufacturer	FilterTec	
Type	Glasfloss Z-Line	
Customer Furnished	No	
Factory Furnished	Yes	
Factory Installed	Yes	

Specifications	
Color	White
MERV Rating	8
Average Arrestance	84%
Efficiency (1.0 µm)	46.7%
Pleats per Foot	16

UNIT SIZE	ARRANGEMENT	FILTER DIMENSIONS IN.	FILTER SIZE	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.	RATED VELOCITY (M/H)	INITIAL RESIST. PASCAL
Ceiling Recessed Hideaway Series Fan Coils and Cabinet Heaters							
2	Bottom Return	10 X 28	1"	300	0.24	5490	59.7
3	Bottom Return	10 X 28	1"	300	0.24	5490	59.7
4	Bottom Return	10 X 33	1"	300	0.24	5490	59.7
6	Bottom Return	10 X 45	1"	300	0.24	5490	59.7
8	Bottom Return	10 X 45	1"	300	0.24	5490	59.7
10	Bottom Return	10 X 62	1"	300	0.24	5490	59.7
12	Bottom Return	10 X 62	1"	300	0.24	5490	59.7
2	Rear Return	7 X 21	1"	300	0.24	5490	59.7
3	Rear Return	7 X 21	1"	300	0.24	5490	59.7
4	Rear Return	7 X 27	1"	300	0.24	5490	59.7
6	Rear Return	7 X 38	1"	300	0.24	5490	59.7
8	Rear Return	7 X 38	1"	300	0.24	5490	59.7
10	Rear Return	7 X 52	1"	300	0.24	5490	59.7
12	Rear Return	7 X 52	1"	300	0.24	5490	59.7

We work continually to improve our products. As a result, the design and specifications of each product at the time of order may be changed without notice and may not be as described herein. Please contact our Customer Service Department at 1-405-745-6000 for specific information on the current design and specifications. Statements and other information contained herein are not express warranties and do not form the basis of any bargain between the parties, but are merely our opinion or commendation of its products.

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UNIT SIZE	ARRANGEMENT	FILTER DIMENSIONS IN.	FILTER SIZE	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.	RATED VELOCITY (M/H)	INITIAL RESIST. PASCAL
Ceiling Hideaway Series with Plenum Fan Coils							
2	All	10 X 18	1"	300	0.24	5490	59.7
3	All	10 X 22	1"	300	0.24	5490	59.7
4	All	10 X 28	1"	300	0.24	5490	59.7
6	All	10 X 33	1"	300	0.24	5490	59.7
8	All	10 X 40	1"	300	0.24	5490	59.7
10	All	10 X 54	1"	300	0.24	5490	59.7
12	All	10 X 62	1"	300	0.24	5490	59.7
Ceiling Cabinet Series Fan Coils and Cabinet Heaters							
2	Bottom Return	10 X 23.5	1"	300	0.24	5490	59.7
3	Bottom Return	10 X 28	1"	300	0.24	5490	59.7
4	Bottom Return	10 X 32.5	1"	300	0.24	5490	59.7
6	Bottom Return	10 X 37	1"	300	0.24	5490	59.7
8	Bottom Return	10 X 41	1"	300	0.24	5490	59.7
10	Bottom Return	10 X 54.5	1"	300	0.24	5490	59.7
12	Bottom Return	10 X 63	1"	300	0.24	5490	59.7
2	Rear Return	8.75 X 23.5	1"	300	0.24	5490	59.7
3	Rear Return	8.75 X 26.5	1"	300	0.24	5490	59.7
4	Rear Return	8.75 X 32.5	1"	300	0.24	5490	59.7
6	Rear Return	8.75 X 37	1"	300	0.24	5490	59.7
8	Rear Return	8.75 X 41	1"	300	0.24	5490	59.7
10	Rear Return	8.75 X 54.5	1"	300	0.24	5490	59.7
12	Rear Return	8.75 X 63	1"	300	0.24	5490	59.7
Vertical Floor Fan Coils and Cabinet Heaters							
2	All	7.75 X 21.75	1"	300	0.24	5490	59.7
3	All	7.75 X 25.75	1"	300	0.24	5490	59.7
4	All	7.75 X 31.75	1"	300	0.24	5490	59.7
6	All	7.75 X 41.75	1"	300	0.24	5490	59.7
8	All	7.75 X 43.75	1"	300	0.24	5490	59.7
10	All	7.75 X 57.75	1"	300	0.24	5490	59.7
12	All	7.75 X 65.75	1"	300	0.24	5490	59.7

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UNIT SIZE	ARRANGEMENT	FILTER DIMENSIONS IN.	FILTER SIZE	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.	RATED VELOCITY (M/H)	INITIAL RESIST. PASCAL
Ceiling Belt and Direct Drive Blower Coil Series							
6	Rear Return	16.5 X 24	1"	300	0.24	5490	59.7
8	Rear Return	16.5 X 24	1"	300	0.24	5490	59.7
10	Rear Return	18.25 X 33	1"	300	0.24	5490	59.7
12	Rear Return	18.25 X 33	1"	300	0.24	5490	59.7
16	Rear Return	18.25 X 21.5	1"	300	0.24	5490	59.7
20	Rear Return	20.5 X 22	1"	300	0.24	5490	59.7
30	Rear Return	29 X 22	1"	300	0.24	5490	59.7
40	Rear Return	29 X 29	1"	300	0.24	5490	59.7
Ceiling Hi-Performance Hideaway with Plenum Series Fan Coils							
6	All	14 X 21	1"	300	0.24	5490	59.7
8	All	14 X 26	1"	300	0.24	5490	59.7
10	All	14 X 24	1"	300	0.24	5490	59.7
12	All	14 X 35	1"	300	0.24	5490	59.7
14	All	14 X 40	1"	300	0.24	5490	59.7
16	All	14 X 45	1"	300	0.24	5490	59.7
18	All	14 X 50	1"	300	0.24	5490	59.7
20	All	14 X 54	1"	300	0.24	5490	59.7
Ceiling Hi-Performance Cased (non-painted) and Cabinet (painted) Series Fan Coils							
6	Rear Return	14 X 14.75	1"	300	0.24	5490	59.7
8	Rear Return	14 X 19.75	1"	300	0.24	5490	59.7
10	Rear Return	14 X 23.75	1"	300	0.24	5490	59.7
12	Rear Return	14 X 28	1"	300	0.24	5490	59.7
14	Rear Return	14 X 34	1"	300	0.24	5490	59.7
16	Rear Return	14 X 38	1"	300	0.24	5490	59.7
18	Rear Return	14 X 44	1"	300	0.24	5490	59.7
20	Rear Return	14 X 48	1"	300	0.24	5490	59.7
Vertical Floor Lowboy Hideaway and Cabinet Series Fan Coils							
2	All	7 X 21.75	1"	300	0.24	5490	59.7
3	All	7 X 26.75	1"	300	0.24	5490	59.7
4	All	7 X 34.75	1"	300	0.24	5490	59.7
6	All	7 X 48.75	1"	300	0.24	5490	59.7

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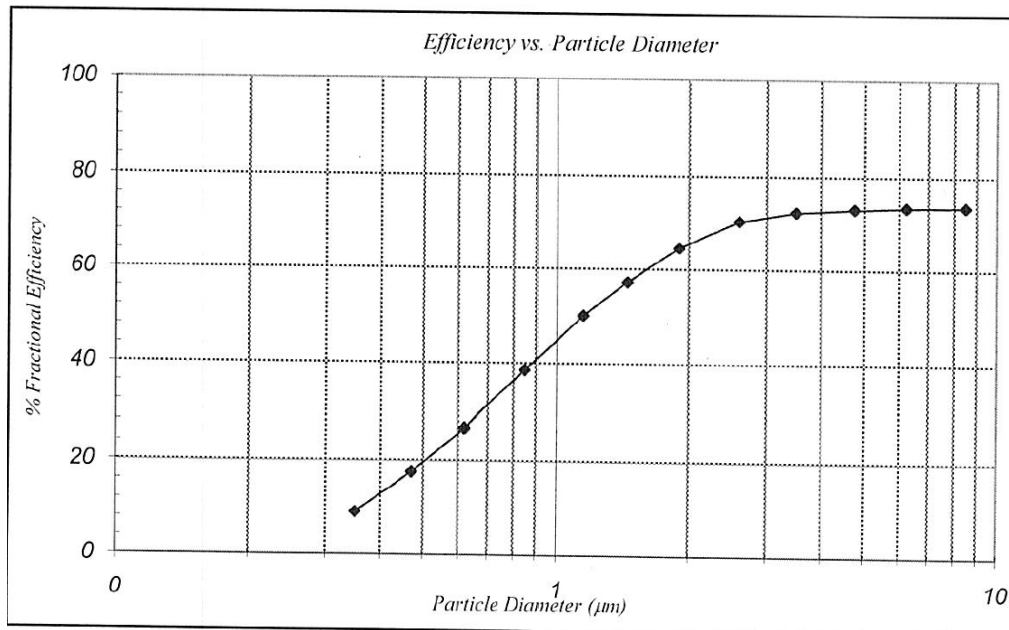
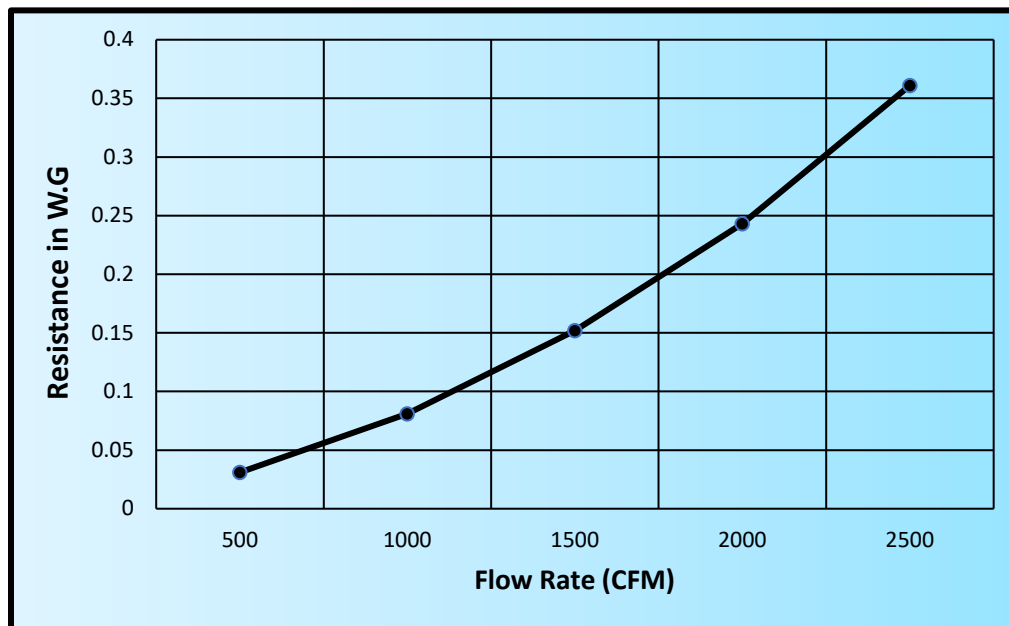
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UNIT SIZE	ARRANGEMENT	FILTER DIMENSIONS IN.	FILTER SIZE	RATED VELOCITY FPM	INITIAL RESIST. IN. W.G.	RATED VELOCITY (M/H)	INITIAL RESIST. PASCAL
Vertical Floor Stud Recessed Cabinet Series Fan Coils							
1	ALL	9 X 14.5	1"	300	0.24	5490	59.7
3	ALL	9 X 28	1"	300	0.24	5490	59.7
Floor Hi-Performance Cased (non-painted) Series Fan Coils							
6	Front Return	12.75 X 21	1"	300	0.24	5490	59.7
8	Front Return	12.75 X 26	1"	300	0.24	5490	59.7
10	Front Return	12.75 X 30	1"	300	0.24	5490	59.7
12	Front Return	12.75 X 35	1"	300	0.24	5490	59.7
14	Front Return	12.75 X 40	1"	300	0.24	5490	59.7
16	Front Return	12.75 X 45	1"	300	0.24	5490	59.7
18	Front Return	12.75 X 50	1"	300	0.24	5490	59.7
20	Front Return	12.75 X 54	1"	300	0.24	5490	59.7
6	Bottom Return	12.75 X 20	1"	300	0.24	5490	59.7
8	Bottom Return	12.75 X 25	1"	300	0.24	5490	59.7
10	Bottom Return	12.75 X 29	1"	300	0.24	5490	59.7
12	Bottom Return	12.75 X 34	1"	300	0.24	5490	59.7
14	Bottom Return	12.75 X 39	1"	300	0.24	5490	59.7
16	Bottom Return	12.75 X 44	1"	300	0.24	5490	59.7
18	Bottom Return	12.75 X 49	1"	300	0.24	5490	59.7
20	Bottom Return	12.75 X 53	1"	300	0.24	5490	59.7
Vertical Belt and Direct Drive Blower Coil Series							
6	Rear Return	16.5 X 24	1"	300	0.24	5490	59.7
8	Rear Return	16.5 X 24	1"	300	0.24	5490	59.7
10	Rear Return	18.25 X 33	1"	300	0.24	5490	59.7
12	Rear Return	18.25 X 33	1"	300	0.24	5490	59.7
16	Rear Return	18.25 X 21.5	1"	300	0.24	5490	59.7
20	Rear Return	20.5 X 22	1"	300	0.24	5490	59.7
30	Rear Return	29 X 22	1"	300	0.24	5490	59.7
40	Rear Return	29 X 29	1"	300	0.24	5490	59.7
Vertical Stack (MOD) Fan Coil Series							
3-4	ALL	12.5 X 24.25	1"	300	0.24	5490	59.7
6-8	ALL	16.25 X 26.75	1"	300	0.24	5490	59.7
10-12	ALL	20.5 X 29.25	1"	300	0.24	5490	59.7
3-4	ALL	11 X 24.5 X 1	1"	300	0.24	5490	59.7

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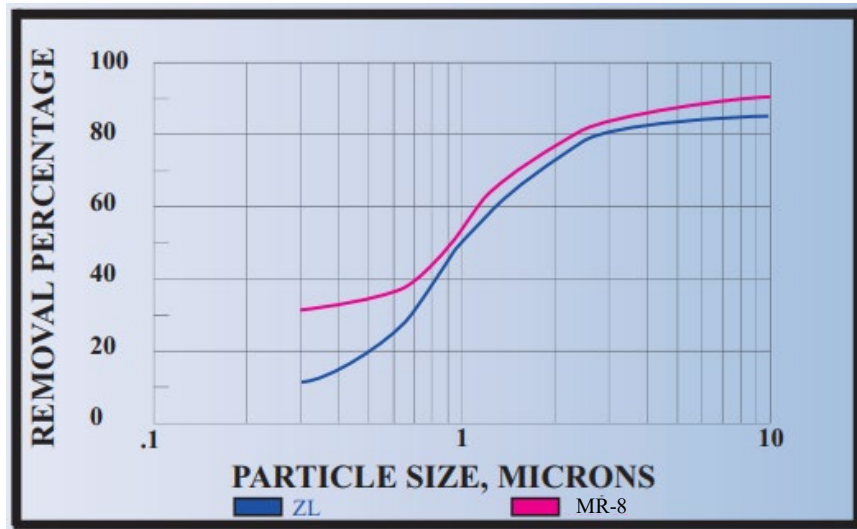
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Standard Pressure Drop
Test Filter Size: 24" x 24" x 2"



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Revision History			
REV	Date	ECN	Description
-	8/30/22	21-1076	Initial Release
A	7/12/22	22-0638	Add Vertical Cabinet Fan Coil Units and Vertical/Horizontal Cabinet Heater Units

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