

U.S. Army Corps of Engineers (USACE) TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE For use of this form, see ER 415-1-0; the proponent agency is CECW-CE	DATE 2/14/2023	TRANSMITTAL NO. 23 30 00-3.1
---	-------------------	---------------------------------


SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

TO: 81st RSC Geographic District ROs 69A Hagood Avenue Charleston, SC 29403-5107	FROM: TEAM CONSTRUCTION 825 Gum Branch Rd. STE 128 JACKSONVILLE NC 28540-6312 USA	CONTRACT NO. W912HP21D6006 W912HP22F1176	CHECK ONE: <input type="checkbox"/> THIS IS A NEW TRANSMITTAL <input checked="" type="checkbox"/> THIS IS A RESUBMITTAL OF TRANSMITTAL 23 30 00-3
---	--	---	--

SPECIFICATION SEC. NO. (Covers only one section with each transmittal) 23 30 00-HVAC Air Distribution	PROJECT TITLE AND LOCATION 01 FY22 81st NC026 HEP Reset; W'ville, NC, Winterville, NC	THIS TRANSMITTAL IS FOR: (Check one) <input type="checkbox"/> FIO <input checked="" type="checkbox"/> GA <input type="checkbox"/> DA <input type="checkbox"/> CR <input type="checkbox"/> DA/CR <input type="checkbox"/> DA/GA
--	--	---

ITEM NO. <small>(See Note 3)</small>	DESCRIPTION OF SUBMITTAL ITEM <small>(Type size, model number/etc)</small>	SUBMITTAL TYPE CODE <small>(See Note 8)</small>	NO. OF COPIES	CONTRACT DOCUMENT REFERENCE		CONTRACTOR REVIEW CODE	VARIATION <small>Enter "Y" if requesting a variation (See Note 6)</small>	USACE ACTION CODE <small>(Note 9)</small>
				SPEC. PARA. NO.	DRAWING SHEET NO.			
a.	b.	c.	d.	e.	f.	g.	h.	i.
19	Room Fan-Coil Units	03 - PRODUCT	1	2.11.1		A	No	

REMARKS
 This is a resubmittal

	I certify that the above submitted items had been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as otherwise stated.
NAME OF CONTRACTOR	 SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by Item No.)	NAME AND TITLE OF APPROVING AUTHORITY	SIGNATURE OF APPROVING AUTHORITY	DATE
--	---------------------------------------	----------------------------------	------



SUBMITTAL DATA SHEET

To:

Project:

Architect:

Engineer:

Product:


Supplier:

Spec Section:

Drawing:

Submittal Notes:

APPROVAL STAMPS

<p>East Bound Mechanical 3195-B Airport Blvd. Wilson, NC 27896</p>  <p>Reviewed - Furnish Pending A/E Approval/Review</p> <p>Notes Indicated</p> <p>Resubmittal - See Comments</p> <p>Reviewed By:</p> <p>Date:</p> <p>Review of this drawing and or data does not indicate approval of variations to the contract documents or coordination with other trades as may be required.</p>	<p>General Contractor</p>	<p>Architect/Engineer</p>
--	----------------------------------	----------------------------------

SUBMITTAL FOR APPROVAL

PROJECT: NC026 Army Reserve Center Reset

LOCATION: Winterville, NC



Fan Coil Units

EQUIPMENT	Horizontal High-Performance Plenum Return FCU's
UNIT TAGS	FCU-01 thru FCU-10 (excluding FCU-09)
QUANTITY	9

SOLD TO:
Eastbound Mechanical

ENGINEER:
Cromwell

PREPARED BY:
JOHNSON CONTROLS, INC.

DATE:
2/8/2023

REVISION:
2



Response to Comments REV 01

JOB: NC026 Army Reserve Center Reset

JCI responses are in red to engineering comments in black.

1. All submitted fan coil units are the correct hand (Left Hand).
Engineer has no exception to the handing. Please note, handing is determined by looking in the direction of supply airflow as depicted in the included the Coil/Unit Handing Guide.
2. Provide 2” racks with 2” MERV 13 Filters as scheduled.
The units come standard with a filter rack for 2” MERV 8 filters. A separate set of 2” MERV 13 filters will be provided for all units.
3. In all cases, the submitted fan coil units exceed the Basis of Design dimensions scheduled on sheet M-604. Verify with the installing Contractor that the larger units will fit, otherwise resubmit units within the scheduled dimensions.
The submitted fan coil unit dimensions were checked against drawings MH101 and MH102 and look possible for installation.

Installing contractor to confirm unit fitment and clearances before release.
4. Provide/Submit the fan coil unit manufacturers 2-way cooling and heating coil valve packages per the schedule on sheet M-604.
Mechanical contractor to provide the piping packages. Units have been selected without piping packages.



Table of Contents

1. Notes and Clarifications
2. Bill of Materials
3. Unit Handing
4. Unit Performance
5. Unit Options
6. Unit Drawings
7. Specification
8. Warranty
9. Equipment Release Approval Form

Notes & Clarifications

1. Submittal based on the following:
 - Drawings and Specifications dated 04/28/2022

2. Unit General Notes:
 - Contractor/engineer to **confirm all pertinent data before release**, including (but not limited to the following):
 - a) **Unit quantities**
 - b) **Dimensions, weights, & clearances**
 - c) **Performance**
 - d) **Power requirements**
 - e) **Features, options, & accessories**
 - f) **Handing and orientation**



BILL OF MATERIAL DATA

EQUIPMENT	Horizontal High-Performance Plenum Return FCU's
UNIT TAGS	FCU-01 thru FCU-10 (excluding FCU-09)
QTY	9

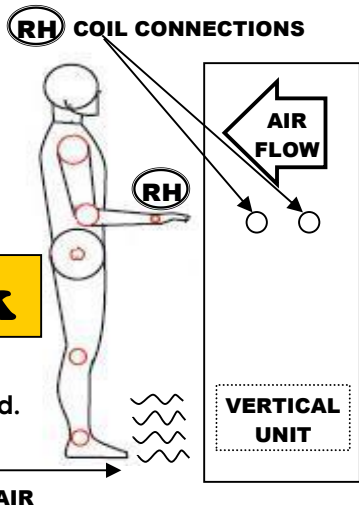
Items Included by Johnson Controls

- Galvanized steel construction
- Foil faced insulation
- EC Motor
 - Sync motor control (adjustable 2-10 VDC remote signal)
- Hot water coil
 - Stainless steel casing
 - Manual air vent
- Chilled water coil
 - Stainless steel casing
 - Stainless steel drain pan
 - Drain pan float switch
 - Manual air vent
- 2" MERV8 filters
 - 2" MERV13 filters ship separate
- Unit S/S Relay / Fan Op. Relay & Transformer
- Door interlock disconnect switch

Items NOT Included

- Piping packages
- Controls
- Auxiliary drain pan
- Rigging, hauling, or providing access for equipment
- Piping and wiring
- Long term storage / delayed startup
- Startup and owner training

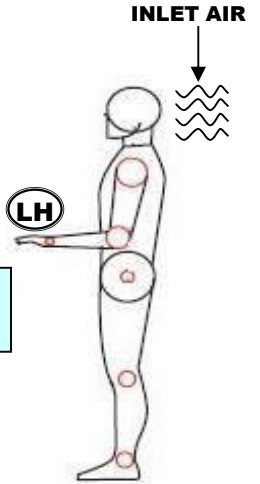
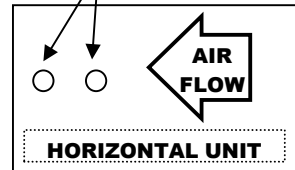
Coil/Unit Handing Guide



Air to Back

Unit and coil connections shown above are Right Hand.
(RH) Inlet Air to Back

(LH) COIL CONNECTIONS



Air to Back

Unit and coil connections shown above are Left Hand.
(LH) Inlet Air to Back

Vertical Largo Units are handed as "Inlet Air to Back"

FW

FL

FS

FCC

AVI/AVD

ACB/ACR

Horizontal Largo Units are handed as "Inlet Air to Back"

TSS/TSL

TCS/TCL

TVS/TVL

FN

FH

AHI/AHD

AMI

Note: The industry standard to determine handing of an HVAC unit is with Inlet Air to Back.





Project Name: NC026 Army Reserve Center Winterville

Line #: 84

Selection Method: Fixed ESP/Nominal Airflow

Selection Date: 1/9/2023 1:30:57 PM

Coil Version: 7.05b

Ship Cycle: Standard Shipment

Tag: FCU-01

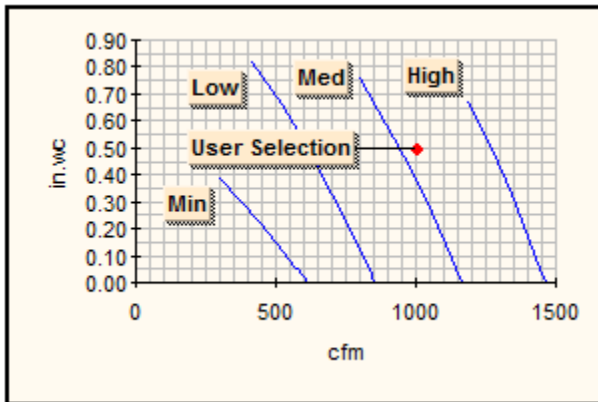
Elevation: 0 ft.

Printed Date: 2/8/2023 3:17:21 PM ET

Notes: This field is for user purposes only and will not transfer to the order form.

General																		
Mfg	Model	Unit Size	Unit Capacity	Airflow (cfm)	OA (cfm)	ESP (in.wc)	Motor (Hp)	Fan Full Load Amps	MCA	MSCP	Fan RPM at CFM	Fan Watts at CFM	Fan Qty	V/P/Hz	Motor Speed	Weight* (lb)	Filter Type	Filter APd (in.wc)
Johnson Controls	FNP	12	Standard	1000	0	0.5	(1) 1/2	7.7	9.63	15	1206	418	2	115/1/60 ECM	High	205	2" 30% Pleated (MERV 8)	0.11

* Weight does not include accessories.



Fan selection and performance is shown at elevation of 0 ft. and includes selected inlet / filter options.

Hot Water Coil															
EAT DB (deg.F)	LAT DB (deg.F)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	Pct Glycol	Fluid Type	
68	82.6	18025	140 / 107.2	1.00	1.04	1.5	0.06	1	10	2	5/8"	3/8	25	Water w/ Propylene Glycol	

Chilled Water Coil															
EAT DB/WB (deg.F)	LAT DB/WB (deg.F)	Total Capacity (Btuh)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)		
75 / 63	54.6 / 53.5	26905	22305	42 / 60.7	3.10	3.68	1.9	0.31	6	10	5	7/8"	3/8		

Sound Data Calculated at 1000 CFM and 1206 RPM							
Band	2	3	4	5	6	7	8
Frequency	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Ducted Discharge Sound	72	69	67	66	64	60	51
Casing Radiated Free Inlet Sound	73	69	67	68	63	60	54

- Unit data is certified in accordance with AHRI-440.
 - Total sound power level calculations are based on a Size 12 Horizontal High Performance Plenum Return with an ECM motor at 1000 CFM and 1206 RPM.
- Unit pressure drop and CFM based upon dry coil as required by AHRI-440.
- Scheduled motor information is for Hi Speed.
- The coil selection has been made at Standard conditions.
- Outside Airflow is a user input value for scheduling purposes.



Project Name: NC026 Army Reserve Center Winterville
Line #: 87

Selection Method: Fixed ESP/Nominal Airflow
 Selection Date: 1/9/2023 4:34:17 PM
 Coil Version: 7.05b

Ship Cycle: Standard Shipment

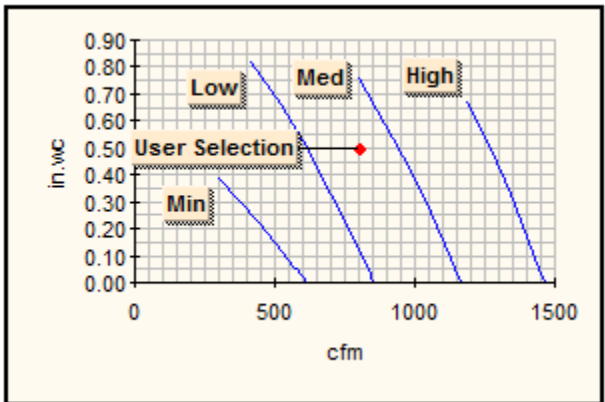
Tag: FCU-02

Elevation: 0 ft.
 Printed Date: 2/8/2023 3:17:21 PM ET

Notes: This field is for user purposes only and will not transfer to the order form.

General																		
Mfg	Model	Unit Size	Unit Capacity	Airflow (cfm)	OA (cfm)	ESP (in.wc)	Motor (Hp)	Fan Full Load Amps	MCA	MSCP	Fan RPM at CFM	Fan Watts at CFM	Fan Qty	V/P/Hz	Motor Speed	Weight* (lb)	Filter Type	Filter APd (in.wc)
Johnson Controls	FNP	12	Standard	800	0	0.5	(1) 1/2	7.7	9.63	15	1095	252	2	115/1/60 ECM	Medium	205	2" 30% Pleated (MERV 8)	0.07

* Weight does not include accessories.



Fan selection and performance is shown at elevation of 0 ft. and includes selected inlet / filter options.

Hot Water Coil														
EAT DB (deg.F)	LAT DB (deg.F)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	Pct Glycol	Fluid Type
68	80.5	13085	140 / 110	0.80	0.13	0.7	0.04	1	10	3	5/8"	3/8	25	Water w/ Propylene Glycol

Chilled Water Coil														
EAT DB/WB (deg.F)	LAT DB/WB (deg.F)	Total Capacity (Btuh)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	
75 / 63	54.6 / 53.6	21255	17875	42 / 61.5	2.40	2.11	1.4	0.21	6	10	5	7/8"	3/8	

Sound Data Calculated at 800 CFM and 1095 RPM							
Band	2	3	4	5	6	7	8
Frequency	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Ducted Discharge Sound	69	66	64	63	61	57	46
Casing Radiated Free Inlet Sound	71	66	66	66	61	57	50

- Unit data is certified in accordance with AHRI-440.
 - Total sound power level calculations are based on a Size 12 Horizontal High Performance Plenum Return with an ECM motor at 800 CFM and 1095 RPM.
- Unit pressure drop and CFM based upon dry coil as required by AHRI-440.
- Scheduled motor information is for Hi Speed.
- The coil selection has been made at Standard conditions.
- Outside Airflow is a user input value for scheduling purposes.



Project Name: NC026 Army Reserve Center Winterville
Line #: 88

Selection Method: Fixed ESP/Nominal Airflow
 Selection Date: 1/9/2023 4:46:49 PM
 Coil Version: 7.05b

Ship Cycle: Standard Shipment

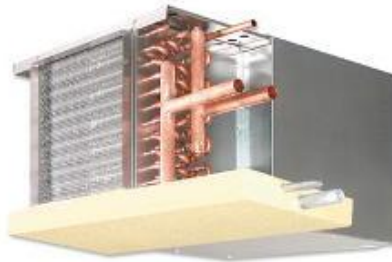
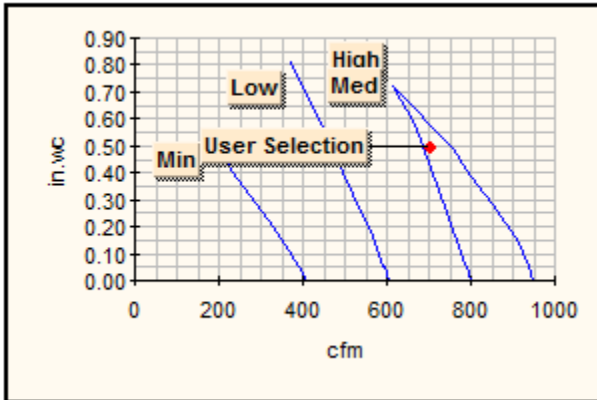
Tag: FCU-03

Elevation: 0 ft.
 Printed Date: 2/8/2023 3:17:21 PM ET

Notes: This field is for user purposes only and will not transfer to the order form.

General																		
Mfg	Model	Unit Size	Unit Capacity	Airflow (cfm)	OA (cfm)	ESP (in.wc)	Motor (Hp)	Fan Full Load Amps	MCA	MSCP	Fan RPM at CFM	Fan Watts at CFM	Fan Qty	V/P/Hz	Motor Speed	Weight* (lb)	Filter Type	Filter APd (in.wc)
Johnson Controls	FNP	08	Standard	700	0	0.5	(1) 1/3	5	6.25	15	1278	290	1	115/1/60 ECM	High	142	2" 30% Pleated (MERV 8)	0.13

* Weight does not include accessories.



Fan selection and performance is shown at elevation of 0 ft. and includes selected inlet / filter options.

Hot Water Coil														
EAT DB (deg.F)	LAT DB (deg.F)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	Pct Glycol	Fluid Type
68	79.9	9601	140 / 111.2	0.60	0.35	1	0.07	1	10	2	5/8"	3/8	25	Water w/ Propylene Glycol

Chilled Water Coil														
EAT DB/WB (deg.F)	LAT DB/WB (deg.F)	Total Capacity (Btuh)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	
75 / 63	54.8 / 53.8	18499	15489	42 / 60.1	2.10	2.87	1.6	0.31	6	10	4	7/8"	3/8	

Sound Data Calculated at 700 CFM and 1278 RPM							
Band	2	3	4	5	6	7	8
Frequency	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Ducted Discharge Sound	71	69	67	67	64	62	52
Casing Radiated Free Inlet Sound	72	66	64	66	63	59	54

- Unit data is certified in accordance with AHRI-440.
 - Total sound power level calculations are based on a Size 08 Horizontal High Performance Plenum Return with an ECM motor at 700 CFM and 1278 RPM.
- Unit pressure drop and CFM based upon dry coil as required by AHRI-440.
- Scheduled motor information is for Hi Speed.
- The coil selection has been made at Standard conditions.
- Outside Airflow is a user input value for scheduling purposes.



Project Name: NC026 Army Reserve Center Winterville
Line #: 89

Ship Cycle: Standard Shipment

Tag: FCU-04

Selection Method: Fixed ESP/Nominal Airflow

Elevation: 0 ft.

Selection Date: 1/9/2023 4:58:55 PM

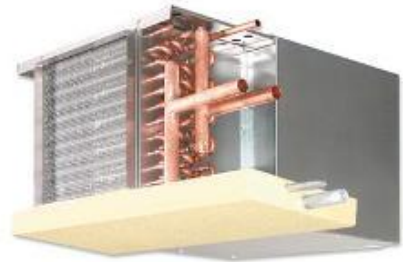
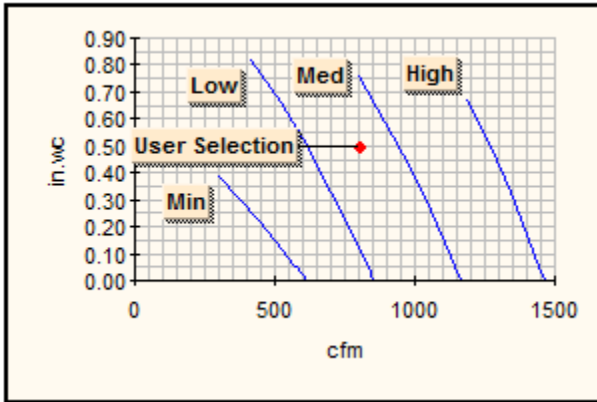
Printed Date: 2/8/2023 3:17:21 PM ET

Coil Version: 7.05b

Notes: This field is for user purposes only and will not transfer to the order form.

General																		
Mfg	Model	Unit Size	Unit Capacity	Airflow (cfm)	OA (cfm)	ESP (in.wc)	Motor (Hp)	Fan Full Load Amps	MCA	MSCP	Fan RPM at CFM	Fan Watts at CFM	Fan Qty	V/P/Hz	Motor Speed	Weight* (lb)	Filter Type	Filter APd (in.wc)
Johnson Controls	FNP	12	Standard	800	0	0.5	(1) 1/2	7.7	9.63	15	1095	252	2	115/1/60 ECM	Medium	205	2" 30% Pleated (MERV 8)	0.07

* Weight does not include accessories.



Fan selection and performance is shown at elevation of 0 ft. and includes selected inlet / filter options.

Hot Water Coil														
EAT DB (deg.F)	LAT DB (deg.F)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	Pct Glycol	Fluid Type
68	80.5	13085	140 / 110	0.80	0.13	0.7	0.04	1	10	3	5/8"	3/8	25	Water w/ Propylene Glycol

Chilled Water Coil														
EAT DB/WB (deg.F)	LAT DB/WB (deg.F)	Total Capacity (Btuh)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	
75 / 63	54.6 / 53.6	21255	17875	42 / 61.5	2.40	2.11	1.4	0.21	6	10	5	7/8"	3/8	

Sound Data Calculated at 800 CFM and 1095 RPM							
Band	2	3	4	5	6	7	8
Frequency	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Ducted Discharge Sound	69	66	64	63	61	57	46
Casing Radiated Free Inlet Sound	71	66	66	66	61	57	50

- Unit data is certified in accordance with AHRI-440.
 - Total sound power level calculations are based on a Size 12 Horizontal High Performance Plenum Return with an ECM motor at 800 CFM and 1095 RPM.
- Unit pressure drop and CFM based upon dry coil as required by AHRI-440.
- Scheduled motor information is for Hi Speed.
- The coil selection has been made at Standard conditions.
- Outside Airflow is a user input value for scheduling purposes.



Project Name: NC026 Army Reserve Center Winterville
Line #: 90

Selection Method: Fixed ESP/Nominal Airflow
 Selection Date: 1/9/2023 5:03:38 PM
 Coil Version: 7.05b

Ship Cycle: Standard Shipment

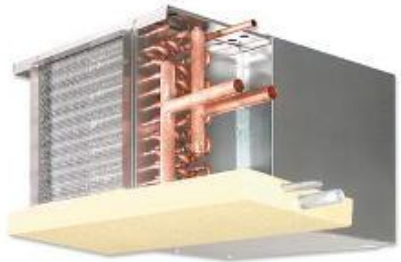
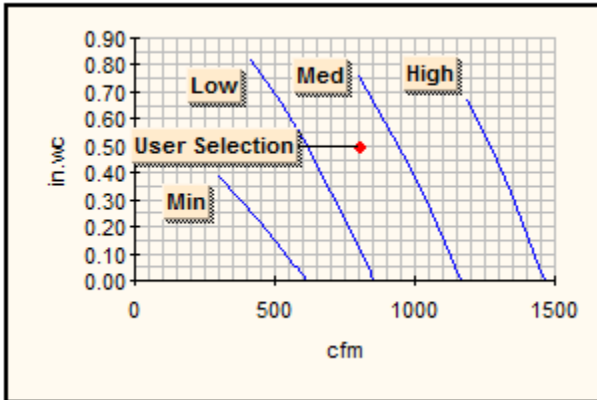
Tag: FCU-05

Elevation: 0 ft.
 Printed Date: 2/8/2023 3:17:21 PM ET

Notes: This field is for user purposes only and will not transfer to the order form.

General																		
Mfg	Model	Unit Size	Unit Capacity	Airflow (cfm)	OA (cfm)	ESP (in.wc)	Motor (Hp)	Fan Full Load Amps	MCA	MSCP	Fan RPM at CFM	Fan Watts at CFM	Fan Qty	V/P/Hz	Motor Speed	Weight* (lb)	Filter Type	Filter APd (in.wc)
Johnson Controls	FNP	12	Standard	800	0	0.5	(1) 1/2	7.7	9.63	15	1095	252	2	115/1/60 ECM	Medium	205	2" 30% Pleated (MERV 8)	0.07

* Weight does not include accessories.



Fan selection and performance is shown at elevation of 0 ft. and includes selected inlet / filter options.

Hot Water Coil														
EAT DB (deg.F)	LAT DB (deg.F)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	Pct Glycol	Fluid Type
68	80.5	13085	140 / 110	0.80	0.13	0.7	0.04	1	10	3	5/8"	3/8	25	Water w/ Propylene Glycol

Chilled Water Coil														
EAT DB/WB (deg.F)	LAT DB/WB (deg.F)	Total Capacity (Btuh)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	
75 / 63	54.6 / 53.6	21255	17875	42 / 61.5	2.40	2.11	1.4	0.21	6	10	5	7/8"	3/8	

Sound Data Calculated at 800 CFM and 1095 RPM							
Band	2	3	4	5	6	7	8
Frequency	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Ducted Discharge Sound	69	66	64	63	61	57	46
Casing Radiated Free Inlet Sound	71	66	66	66	61	57	50

- Unit data is certified in accordance with AHRI-440.
 - Total sound power level calculations are based on a Size 12 Horizontal High Performance Plenum Return with an ECM motor at 800 CFM and 1095 RPM.
- Unit pressure drop and CFM based upon dry coil as required by AHRI-440.
- Scheduled motor information is for Hi Speed.
- The coil selection has been made at Standard conditions.
- Outside Airflow is a user input value for scheduling purposes.



Project Name: NC026 Army Reserve Center Winterville
Line #: 91

Selection Method: Fixed ESP/Nominal Airflow
 Selection Date: 1/9/2023 5:10:00 PM
 Coil Version: 7.05b

Ship Cycle: Standard Shipment

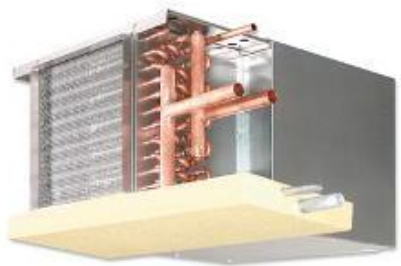
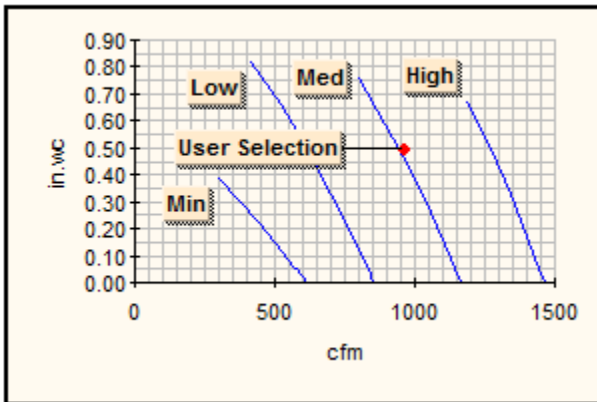
Tag: FCU-06

Elevation: 0 ft.
 Printed Date: 2/8/2023 3:17:22 PM ET

Notes: This field is for user purposes only and will not transfer to the order form.

General																		
Mfg	Model	Unit Size	Unit Capacity	Airflow (cfm)	OA (cfm)	ESP (in.wc)	Motor (Hp)	Fan Full Load Amps	MCA	MSCP	Fan RPM at CFM	Fan Watts at CFM	Fan Qty	V/P/Hz	Motor Speed	Weight* (lb)	Filter Type	Filter APd (in.wc)
Johnson Controls	FNP	12	Standard	960	0	0.5	(1) 1/2	7.7	9.63	15	1187	399	2	115/1/60 ECM	High	205	2" 30% Pleated (MERV 8)	0.1

* Weight does not include accessories.



Fan selection and performance is shown at elevation of 0 ft. and includes selected inlet / filter options.

Hot Water Coil														
EAT DB (deg.F)	LAT DB (deg.F)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	Pct Glycol	Fluid Type
68	82	16815	140 / 106.3	0.90	0.83	1.3	0.06	1	10	2	5/8"	3/8	25	Water w/ Propylene Glycol

Chilled Water Coil														
EAT DB/WB (deg.F)	LAT DB/WB (deg.F)	Total Capacity (Btuh)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	
75 / 63	54.7 / 53.6	25515	21295	42 / 61.1	2.90	3.19	1.7	0.29	6	10	5	7/8"	3/8	

Sound Data Calculated at 960 CFM and 1187 RPM							
Band	2	3	4	5	6	7	8
Frequency	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Ducted Discharge Sound	72	68	66	66	63	60	50
Casing Radiated Free Inlet Sound	73	69	67	68	63	59	54

- Unit data is certified in accordance with AHRI-440.
 - Total sound power level calculations are based on a Size 12 Horizontal High Performance Plenum Return with an ECM motor at 960 CFM and 1187 RPM.
- Unit pressure drop and CFM based upon dry coil as required by AHRI-440.
- Scheduled motor information is for Hi Speed.
- The coil selection has been made at Standard conditions.
- Outside Airflow is a user input value for scheduling purposes.



Project Name: NC026 Army Reserve Center Winterville
Line #: 92

Selection Method: Fixed ESP/Nominal Airflow
 Selection Date: 1/9/2023 5:17:43 PM
 Coil Version: 7.05b

Ship Cycle: Standard Shipment

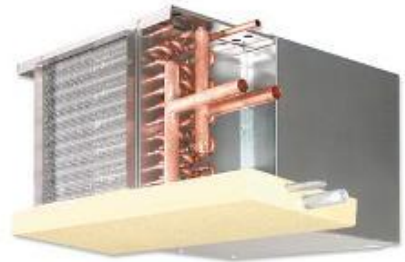
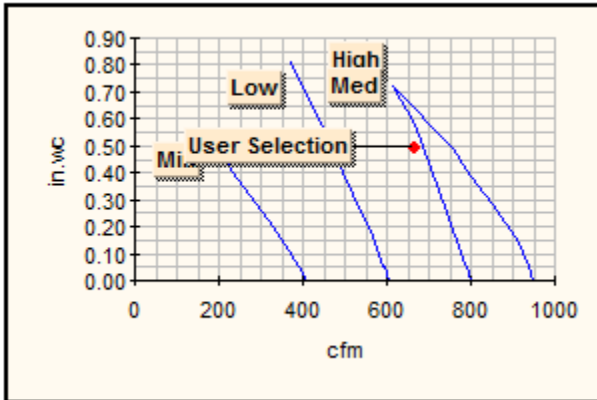
Tag: FCU-07

Elevation: 0 ft.
 Printed Date: 2/8/2023 3:17:22 PM ET

Notes: This field is for user purposes only and will not transfer to the order form.

General																		
Mfg	Model	Unit Size	Unit Capacity	Airflow (cfm)	OA (cfm)	ESP (in.wc)	Motor (Hp)	Fan Full Load Amps	MCA	MSCP	Fan RPM at CFM	Fan Watts at CFM	Fan Qty	V/P/Hz	Motor Speed	Weight* (lb)	Filter Type	Filter APd (in.wc)
Johnson Controls	FNP	08	Standard	660	0	0.5	(1) 1/3	5	6.25	15	1236	240	1	115/1/60 ECM	Medium	142	2" 30% Pleated (MERV 8)	0.12

* Weight does not include accessories.



Fan selection and performance is shown at elevation of 0 ft. and includes selected inlet / filter options.

Hot Water Coil														
EAT DB (deg.F)	LAT DB (deg.F)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	Pct Glycol	Fluid Type
68	80.4	9441	140 / 118.4	0.90	0.15	0.8	0.06	1	10	3	5/8"	3/8	25	Water w/ Propylene Glycol

Chilled Water Coil														
EAT DB/WB (deg.F)	LAT DB/WB (deg.F)	Total Capacity (Btuh)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	
75 / 63	54.6 / 53.8	17579	14699	42 / 60.1	2.00	2.59	1.5	0.28	6	10	4	7/8"	3/8	

Sound Data Calculated at 660 CFM and 1236 RPM							
Band	2	3	4	5	6	7	8
Frequency	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Ducted Discharge Sound	70	68	66	66	63	61	51
Casing Radiated Free Inlet Sound	72	66	63	65	62	59	53

- Unit data is certified in accordance with AHRI-440.
 - Total sound power level calculations are based on a Size 08 Horizontal High Performance Plenum Return with an ECM motor at 660 CFM and 1236 RPM.
- Unit pressure drop and CFM based upon dry coil as required by AHRI-440.
- Scheduled motor information is for Hi Speed.
- The coil selection has been made at Standard conditions.
- Outside Airflow is a user input value for scheduling purposes.



Project Name: NC026 Army Reserve Center Winterville
Line #: 93

Selection Method: Fixed ESP/Nominal Airflow
 Selection Date: 1/9/2023 5:28:12 PM
 Coil Version: 7.05b

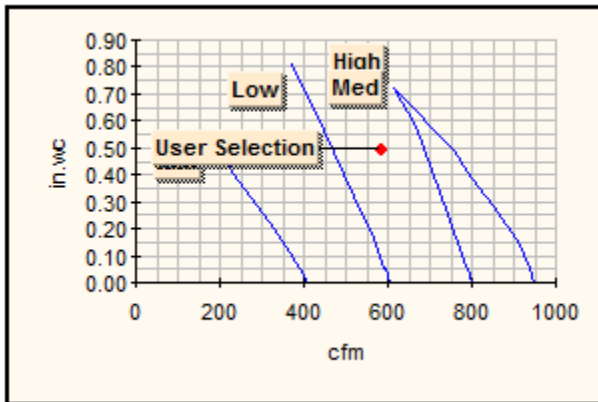
Ship Cycle: Standard Shipment
Tag: FCU-08

Elevation: 0 ft.
 Printed Date: 2/8/2023 3:17:22 PM ET

Notes: This field is for user purposes only and will not transfer to the order form.

General																		
Mfg	Model	Unit Size	Unit Capacity	Airflow (cfm)	OA (cfm)	ESP (in.wc)	Motor (Hp)	Fan Full Load Amps	MCA	MSCP	Fan RPM at CFM	Fan Watts at CFM	Fan Qty	V/P/Hz	Motor Speed	Weight* (lb)	Filter Type	Filter APd (in.wc)
Johnson Controls	FNP	08	Standard	580	0	0.5	(1) 1/3	5	6.25	15	1181	209	1	115/1/60 ECM	Medium	142	2" 30% Pleated (MERV 8)	0.09

* Weight does not include accessories.



Fan selection and performance is shown at elevation of 0 ft. and includes selected inlet / filter options.

Hot Water Coil														
EAT DB (deg.F)	LAT DB (deg.F)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	Pct Glycol	Fluid Type
68	81.3	8961	140 / 115.2	0.70	0.09	0.7	0.05	1	10	3	5/8"	3/8	25	Water w/ Propylene Glycol

Chilled Water Coil														
EAT DB/WB (deg.F)	LAT DB/WB (deg.F)	Total Capacity (Btuh)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	
75 / 63	54.6 / 53.8	15419	12969	42 / 60.2	1.80	1.94	1.3	0.23	6	10	4	7/8"	3/8	

Sound Data Calculated at 580 CFM and 1181 RPM							
Band	2	3	4	5	6	7	8
Frequency	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Ducted Discharge Sound	70	67	65	65	62	59	49
Casing Radiated Free Inlet Sound	71	64	62	64	61	57	51

- Unit data is certified in accordance with AHRI-440.
 - Total sound power level calculations are based on a Size 08 Horizontal High Performance Plenum Return with an ECM motor at 580 CFM and 1181 RPM.
- Unit pressure drop and CFM based upon dry coil as required by AHRI-440.
- Scheduled motor information is for Hi Speed.
- The coil selection has been made at Standard conditions.
- Outside Airflow is a user input value for scheduling purposes.



Project Name: NC026 Army Reserve Center Winterville
Line #: 94

Selection Method: Fixed ESP/Nominal Airflow
 Selection Date: 1/9/2023 5:39:46 PM
 Coil Version: 7.05b

Ship Cycle: Standard Shipment

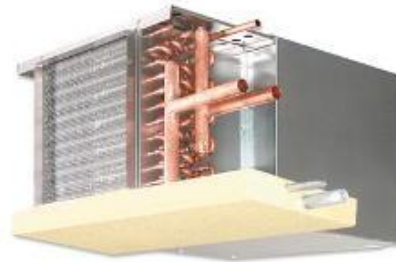
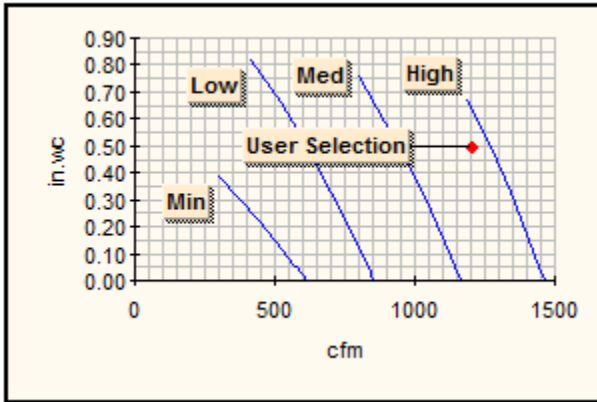
Tag: FCU-10

Elevation: 0 ft.
 Printed Date: 2/8/2023 3:17:22 PM ET

Notes: This field is for user purposes only and will not transfer to the order form.

General																		
Mfg	Model	Unit Size	Unit Capacity	Airflow (cfm)	OA (cfm)	ESP (in.wc)	Motor (Hp)	Fan Full Load Amps	MCA	MSCP	Fan RPM at CFM	Fan Watts at CFM	Fan Qty	V/P/Hz	Motor Speed	Weight* (lb)	Filter Type	Filter APd (in.wc)
Johnson Controls	FNP	12	Standard	1200	0	0.5	(1) 1/2	7.7	9.63	15	1303	513	2	115/1/60 ECM	High	205	2" 30% Pleated (MERV 8)	0.15

* Weight does not include accessories.



Fan selection and performance is shown at elevation of 0 ft. and includes selected inlet / filter options.

Hot Water Coil														
EAT DB (deg.F)	LAT DB (deg.F)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	Pct Glycol	Fluid Type
68	79.7	17455	140 / 104.8	0.90	0.84	1.3	0.09	1	10	2	5/8"	3/8	25	Water w/ Propylene Glycol

Chilled Water Coil														
EAT DB/WB (deg.F)	LAT DB/WB (deg.F)	Total Capacity (Btuh)	Sensible Capacity (Btuh)	EWT/LWT (deg.F)	Fluid Flow (gpm)	Fluid PD (ft.)	Fluid Velocity (fps)	Air PD (in.wc)	Coil Rows	Coil FPI	No. Circuits	Conn. Size	Tube Dia. (in.)	
75 / 63	54.5 / 53.5	32325	26855	42 / 58	4.30	2.73	1.8	0.43	6	10	7	7/8"	3/8	

Sound Data Calculated at 1200 CFM and 1303 RPM							
Band	2	3	4	5	6	7	8
Frequency	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Ducted Discharge Sound	74	71	68	68	66	63	55
Casing Radiated Free Inlet Sound	75	71	69	70	65	62	58

- Unit data is certified in accordance with AHRI-440.
 - Total sound power level calculations are based on a Size 12 Horizontal High Performance Plenum Return with an ECM motor at 1200 CFM and 1303 RPM.
- Unit pressure drop and CFM based upon dry coil as required by AHRI-440.
- Scheduled motor information is for Hi Speed.
- The coil selection has been made at Standard conditions.
- Outside Airflow is a user input value for scheduling purposes.

[print](#)[close](#)**Project Name: NC026 Army Reserve Center Winterville**

Wednesday, February 8, 2023 3:15 PM

Coil Version: 7.05b Price Version: 1.0.30 Selection Version: 2.0.705

Line #: 84**Tag:** FCU-01**Model:** FNP - Horizontal High Performance Plenum Return**Unit Size:** 12**Ship Cycle:** Standard Shipment**Line Item ID:** 5814960**Unit Information:**

- Plenum Return
- Motor Voltage: 115/1/60 ECM
- Motor Type: ECM
- MCA: 9.63
- MSCP: 15
- Motor Control: 2-10 VDC (Sync)
- Unit Capacity: Standard Capacity

Coil 1: Hot Water:

- Coil Rows: 1 Row
- Number of Circuits: 2
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Coil 2: Chilled Water:

- Coil Rows: 6 Rows
- Number of Circuits: 5
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Unit Options:

- Coil Casing: Stainless Steel Casing
- 2" 30% Pleated (MERV 8)
- Filter Access: Filter Bottom Access
- Insulation: Foil Faced Insulation
- Return Air Location: Rear Return
- Unit Drain Pan: Stainless Steel Unit Drain Pan
- BC02 24V, Unit S/S Relay / Fan Op. Relay & Transformer
- Enclosure Mount: Unit Mounted
- Control Enclosure Handing: Same as Coil 1
- Thermostat: No Thermostat
- Thermostat Location: No Thermostat
- OC013 Non-Fused Door Interlocking Disconnect Switch - 40 Amps
- Float Switch: OC011 Drain Pan Float Switch

Hot Water Coil**Piping Package:**

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

Chilled Water Coil

Piping Package:

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

QUANTITY - 1

NOTE: Designer must provide for freeze protection if heating coil entering temperatures fall below 40F



Project Name: NC026 Army Reserve Center Winterville

Wednesday, February 8, 2023 3:15 PM

Coil Version: 7.05b Price Version: 1.0.30 Selection Version: 2.0.705

Line #: 87

Tag: FCU-02

Model: FNP - Horizontal High Performance Plenum Return

Unit Size: 12

Ship Cycle: Standard Shipment

Line Item ID: 5817223

Unit Information:

- Plenum Return
- Motor Voltage: 115/1/60 ECM
- Motor Type: ECM
- MCA: 9.63
- MSCP: 15
- Motor Control: 2-10 VDC (Sync)
- Unit Capacity: Standard Capacity

Coil 1: Hot Water:

- Coil Rows: 1 Row
- Number of Circuits: 3
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Coil 2: Chilled Water:

- Coil Rows: 6 Rows
- Number of Circuits: 5
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Unit Options:

- Coil Casing: Stainless Steel Casing
- 2" 30% Pleated (MERV 8)
- Filter Access: Filter Bottom Access
- Insulation: Foil Faced Insulation
- Return Air Location: Rear Return
- Unit Drain Pan: Stainless Steel Unit Drain Pan
- BC02 24V, Unit S/S Relay / Fan Op. Relay & Transformer
- Enclosure Mount: Unit Mounted
- Control Enclosure Handing: Same as Coil 1
- Thermostat: No Thermostat
- Thermostat Location: No Thermostat
- OC013 Non-Fused Door Interlocking Disconnect Switch - 40 Amps
- Float Switch: OC011 Drain Pan Float Switch

Hot Water Coil

Piping Package:

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

Chilled Water Coil

Piping Package:

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

QUANTITY - 1

NOTE: Designer must provide for freeze protection if heating coil entering temperatures fall below 40F

**Project Name: NC026 Army Reserve Center Winterville**

Wednesday, February 8, 2023 3:15 PM

Coil Version: 7.05b Price Version: 1.0.30 Selection Version: 2.0.705

Line #: 88**Tag:** FCU-03**Model:** FNP - Horizontal High Performance Plenum Return**Unit Size:** 08**Ship Cycle:** Standard Shipment**Line Item ID:** 5817259**Unit Information:**

- Plenum Return
- Motor Voltage: 115/1/60 ECM
- Motor Type: ECM
- MCA: 6.25
- MSCP: 15
- Motor Control: 2-10 VDC (Sync)
- Unit Capacity: Standard Capacity

Coil 1: Hot Water:

- Coil Rows: 1 Row
- Number of Circuits: 2
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Coil 2: Chilled Water:

- Coil Rows: 6 Rows
- Number of Circuits: 4
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Unit Options:

- Coil Casing: Stainless Steel Casing
- 2" 30% Pleated (MERV 8)
- Filter Access: Filter Bottom Access
- Insulation: Foil Faced Insulation
- Return Air Location: Rear Return
- Unit Drain Pan: Stainless Steel Unit Drain Pan
- BC02 24V, Unit S/S Relay / Fan Op. Relay & Transformer
- Enclosure Mount: Unit Mounted
- Control Enclosure Handing: Same as Coil 1
- Thermostat: No Thermostat
- Thermostat Location: No Thermostat
- OC013 Non-Fused Door Interlocking Disconnect Switch - 40 Amps
- Float Switch: OC011 Drain Pan Float Switch

Hot Water Coil**Piping Package:**

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

Chilled Water Coil**Piping Package:**

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

QUANTITY - 1

NOTE: Designer must provide for freeze protection if heating coil entering temperatures fall below 40F

**Project Name: NC026 Army Reserve Center Winterville**

Wednesday, February 8, 2023 3:15 PM

Coil Version: 7.05b Price Version: 1.0.30 Selection Version: 2.0.705

Line #: 89**Tag:** FCU-04**Model:** FNP - Horizontal High Performance Plenum Return**Unit Size:** 12**Ship Cycle:** Standard Shipment**Line Item ID:** 5817285**Unit Information:**

- Plenum Return
- Motor Voltage: 115/1/60 ECM
- Motor Type: ECM
- MCA: 9.63
- MSCP: 15
- Motor Control: 2-10 VDC (Sync)
- Unit Capacity: Standard Capacity

Coil 1: Hot Water:

- Coil Rows: 1 Row
- Number of Circuits: 3
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Coil 2: Chilled Water:

- Coil Rows: 6 Rows
- Number of Circuits: 5
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Unit Options:

- Coil Casing: Stainless Steel Casing
- 2" 30% Pleated (MERV 8)
- Filter Access: Filter Bottom Access
- Insulation: Foil Faced Insulation
- Return Air Location: Rear Return
- Unit Drain Pan: Stainless Steel Unit Drain Pan
- BC02 24V, Unit S/S Relay / Fan Op. Relay & Transformer
- Enclosure Mount: Unit Mounted
- Control Enclosure Handing: Same as Coil 1
- Thermostat: No Thermostat
- Thermostat Location: No Thermostat
- OC013 Non-Fused Door Interlocking Disconnect Switch - 40 Amps
- Float Switch: OC011 Drain Pan Float Switch

Hot Water Coil**Piping Package:**

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

Chilled Water Coil**Piping Package:**

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

QUANTITY - 1

NOTE: Designer must provide for freeze protection if heating coil entering temperatures fall below 40F

**Project Name: NC026 Army Reserve Center Winterville**

Wednesday, February 8, 2023 3:15 PM

Coil Version: 7.05b Price Version: 1.0.30 Selection Version: 2.0.705

Line #: 90**Tag:** FCU-05**Model:** FNP - Horizontal High Performance Plenum Return**Unit Size:** 12**Ship Cycle:** Standard Shipment**Line Item ID:** 5817299**Unit Information:**

- Plenum Return
- Motor Voltage: 115/1/60 ECM
- Motor Type: ECM
- MCA: 9.63
- MSCP: 15
- Motor Control: 2-10 VDC (Sync)
- Unit Capacity: Standard Capacity

Coil 1: Hot Water:

- Coil Rows: 1 Row
- Number of Circuits: 3
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Coil 2: Chilled Water:

- Coil Rows: 6 Rows
- Number of Circuits: 5
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Unit Options:

- Coil Casing: Stainless Steel Casing
- 2" 30% Pleated (MERV 8)
- Filter Access: Filter Bottom Access
- Insulation: Foil Faced Insulation
- Return Air Location: Rear Return
- Unit Drain Pan: Stainless Steel Unit Drain Pan
- BC02 24V, Unit S/S Relay / Fan Op. Relay & Transformer
- Enclosure Mount: Unit Mounted
- Control Enclosure Handing: Same as Coil 1
- Thermostat: No Thermostat
- Thermostat Location: No Thermostat
- OC013 Non-Fused Door Interlocking Disconnect Switch - 40 Amps
- Float Switch: OC011 Drain Pan Float Switch

Hot Water Coil**Piping Package:**

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

Chilled Water Coil**Piping Package:**

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

QUANTITY - 1

NOTE: Designer must provide for freeze protection if heating coil entering temperatures fall below 40F



Project Name: NC026 Army Reserve Center Winterville

Wednesday, February 8, 2023 3:15 PM

Coil Version: 7.05b Price Version: 1.0.30 Selection Version: 2.0.705

Line #: 91

Tag: FCU-06

Model: FNP - Horizontal High Performance Plenum Return

Unit Size: 12

Ship Cycle: Standard Shipment

Line Item ID: 5817300

Unit Information:

- Plenum Return
- Motor Voltage: 115/1/60 ECM
- Motor Type: ECM
- MCA: 9.63
- MSCP: 15
- Motor Control: 2-10 VDC (Sync)
- Unit Capacity: Standard Capacity

Coil 1: Hot Water:

- Coil Rows: 1 Row
- Number of Circuits: 2
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Coil 2: Chilled Water:

- Coil Rows: 6 Rows
- Number of Circuits: 5
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Unit Options:

- Coil Casing: Stainless Steel Casing
- 2" 30% Pleated (MERV 8)
- Filter Access: Filter Bottom Access
- Insulation: Foil Faced Insulation
- Return Air Location: Rear Return
- Unit Drain Pan: Stainless Steel Unit Drain Pan
- BC02 24V, Unit S/S Relay / Fan Op. Relay & Transformer
- Enclosure Mount: Unit Mounted
- Control Enclosure Handing: Same as Coil 1
- Thermostat: No Thermostat
- Thermostat Location: No Thermostat
- OC013 Non-Fused Door Interlocking Disconnect Switch - 40 Amps
- Float Switch: OC011 Drain Pan Float Switch

Hot Water Coil

Piping Package:

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

Chilled Water Coil

Piping Package:

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

QUANTITY - 1

NOTE: Designer must provide for freeze protection if heating coil entering temperatures fall below 40F



Project Name: NC026 Army Reserve Center Winterville

Wednesday, February 8, 2023 3:15 PM

Coil Version: 7.05b Price Version: 1.0.30 Selection Version: 2.0.705

Line #: 92

Tag: FCU-07

Model: FNP - Horizontal High Performance Plenum Return

Unit Size: 08

Ship Cycle: Standard Shipment

Line Item ID: 5817370

Unit Information:

- Plenum Return
- Motor Voltage: 115/1/60 ECM
- Motor Type: ECM
- MCA: 6.25
- MSCP: 15
- Motor Control: 2-10 VDC (Sync)
- Unit Capacity: Standard Capacity

Coil 1: Hot Water:

- Coil Rows: 1 Row
- Number of Circuits: 3
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Coil 2: Chilled Water:

- Coil Rows: 6 Rows
- Number of Circuits: 4
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Unit Options:

- Coil Casing: Stainless Steel Casing
- 2" 30% Pleated (MERV 8)
- Filter Access: Filter Bottom Access
- Insulation: Foil Faced Insulation
- Return Air Location: Rear Return
- Unit Drain Pan: Stainless Steel Unit Drain Pan
- BC02 24V, Unit S/S Relay / Fan Op. Relay & Transformer
- Enclosure Mount: Unit Mounted
- Control Enclosure Handing: Same as Coil 1
- Thermostat: No Thermostat
- Thermostat Location: No Thermostat
- OC013 Non-Fused Door Interlocking Disconnect Switch - 40 Amps
- Float Switch: OC011 Drain Pan Float Switch

Hot Water Coil

Piping Package:

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

Chilled Water Coil

Piping Package:

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

QUANTITY - 1

NOTE: Designer must provide for freeze protection if heating coil entering temperatures fall below 40F



Project Name: NC026 Army Reserve Center Winterville

Wednesday, February 8, 2023 3:15 PM

Coil Version: 7.05b Price Version: 1.0.30 Selection Version: 2.0.705

Line #: 93

Tag: FCU-08

Model: FNP - Horizontal High Performance Plenum Return

Unit Size: 08

Ship Cycle: Standard Shipment

Line Item ID: 5817377

Unit Information:

- Plenum Return
- Motor Voltage: 115/1/60 ECM
- Motor Type: ECM
- MCA: 6.25
- MSCP: 15
- Motor Control: 2-10 VDC (Sync)
- Unit Capacity: Standard Capacity

Coil 1: Hot Water:

- Coil Rows: 1 Row
- Number of Circuits: 3
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Coil 2: Chilled Water:

- Coil Rows: 6 Rows
- Number of Circuits: 4
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Unit Options:

- Coil Casing: Stainless Steel Casing
- 2" 30% Pleated (MERV 8)
- Filter Access: Filter Bottom Access
- Insulation: Foil Faced Insulation
- Return Air Location: Rear Return
- Unit Drain Pan: Stainless Steel Unit Drain Pan
- BC02 24V, Unit S/S Relay / Fan Op. Relay & Transformer
- Enclosure Mount: Unit Mounted
- Control Enclosure Handing: Same as Coil 1
- Thermostat: No Thermostat
- Thermostat Location: No Thermostat
- OC013 Non-Fused Door Interlocking Disconnect Switch - 40 Amps
- Float Switch: OC011 Drain Pan Float Switch

Hot Water Coil

Piping Package:

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

Chilled Water Coil

Piping Package:

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

QUANTITY - 1

NOTE: Designer must provide for freeze protection if heating coil entering temperatures fall below 40F



Project Name: NC026 Army Reserve Center Winterville

Wednesday, February 8, 2023 3:15 PM

Coil Version: 7.05b Price Version: 1.0.30 Selection Version: 2.0.705

Line #: 94

Tag: FCU-10

Model: FNP - Horizontal High Performance Plenum Return

Unit Size: 12

Ship Cycle: Standard Shipment

Line Item ID: 5817387

Unit Information:

- Plenum Return
- Motor Voltage: 115/1/60 ECM
- Motor Type: ECM
- MCA: 9.63
- MSCP: 15
- Motor Control: 2-10 VDC (Sync)
- Unit Capacity: Standard Capacity

Coil 1: Hot Water:

- Coil Rows: 1 Row
- Number of Circuits: 2
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Coil 2: Chilled Water:

- Coil Rows: 6 Rows
- Number of Circuits: 7
- Coil Fin Spacing: 10 FPI
- Tube Diameter: 3/8 in.
- Tube Wall: 0.012 in.
- Coil Handing: Left Hand
- Air Vent: Manual Air Vent

Unit Options:

- Coil Casing: Stainless Steel Casing
- 2" 30% Pleated (MERV 8)
- Filter Access: Filter Bottom Access
- Insulation: Foil Faced Insulation
- Return Air Location: Rear Return
- Unit Drain Pan: Stainless Steel Unit Drain Pan
- BC02 24V, Unit S/S Relay / Fan Op. Relay & Transformer
- Enclosure Mount: Unit Mounted
- Control Enclosure Handing: Same as Coil 1
- Thermostat: No Thermostat
- Thermostat Location: No Thermostat
- OC013 Non-Fused Door Interlocking Disconnect Switch - 40 Amps
- Float Switch: OC011 Drain Pan Float Switch

Hot Water Coil

Piping Package:

- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

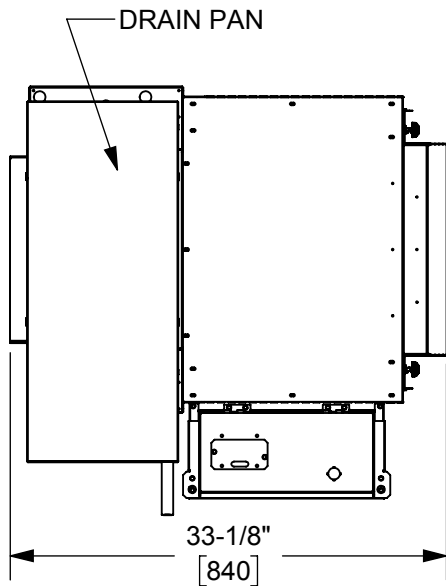
Chilled Water Coil

Piping Package:

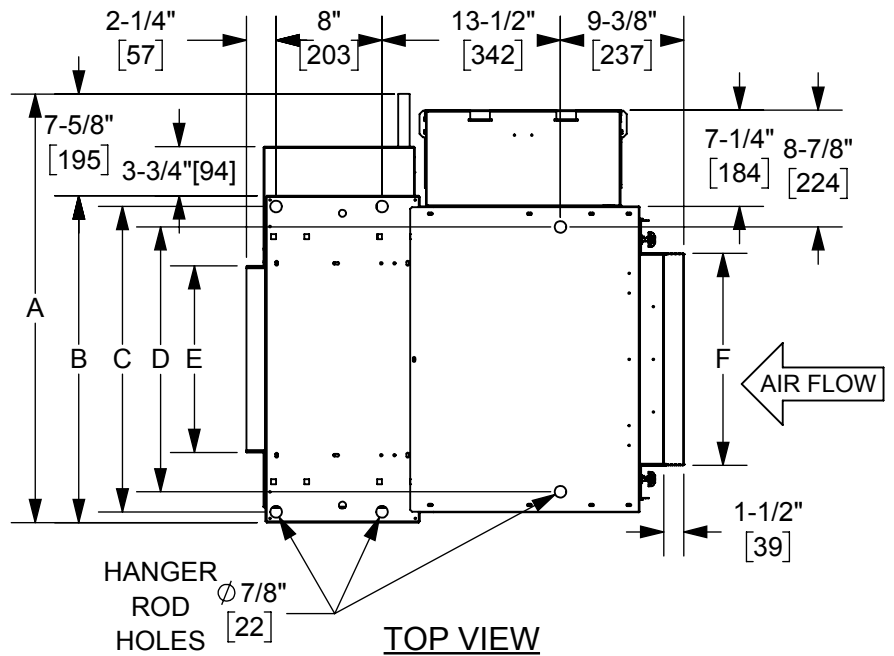
- Pipe Size: 1/2"
- Field Provided by Others 1/2" Valve Package

QUANTITY - 1

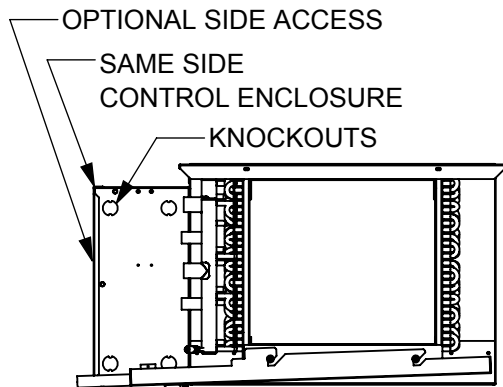
NOTE: Designer must provide for freeze protection if heating coil entering temperatures fall below 40F



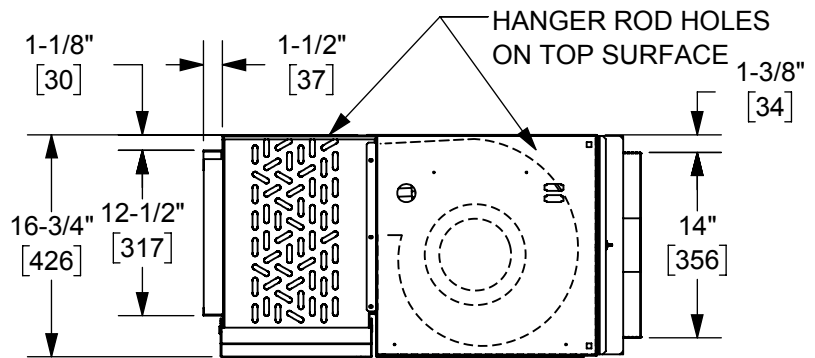
BOTTOM VIEW



TOP VIEW



FRONT VIEW



SIDE VIEW

DIMENSIONS

UNIT SIZE	A	B	C	D	E	F
06	32-3/8" [822]	24-3/4" [629]	23-1/8" [587]	20" [508]	14" [356]	16" [406]
08	37-3/8" [949]	29-3/4" [756]	28-1/8" [714]	25" [635]	19" [483]	20" [508]
10	41-3/8" [1050]	33-3/4" [858]	32-1/8" [816]	29" [737]	23" [584]	25" [635]
12	46-3/8" [1177]	38-3/4" [985]	37-1/8" [943]	34" [864]	28" [711]	32" [813]
14	51-3/8" [1304]	43-3/4" [1112]	42-1/8" [1070]	39" [991]	33" [838]	36" [915]
16	56-3/8" [1431]	48-3/4" [1239]	47-1/8" [1197]	44" [1118]	38" [965]	40" [1016]
18	61-3/8" [1558]	53-3/4" [1366]	52-1/8" [1324]	49" [1245]	43" [1092]	45" [1143]
20	65-3/8" [1660]	57-3/4" [1467]	56-1/8" [1426]	53" [1346]	47" [1194]	50" [1270]

NOTES:

1. All dimensions in Inches [millimeters]. All dimensions ±1/4" [6mm]. Metric values are soft conversion.
2. Right hand unit shown, Left hand unit opposite.
3. Same side control enclosure shown mounted on unit same side as cooling coil connections and includes (4) knockouts on (2) sides. Provide sufficient clearance to access electrical controls and comply with applicable codes and ordinances.

UNCONTROLLED WHEN PRINTED



THIS DRAWING CONTAINS PROPRIETARY DATA. UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR USE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION.

SUBMITTAL DRAWING
ALL DRAWINGS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

DO NOT SCALE DRAWING
DIMENSIONS ARE IN INCH (MM) FORMAT +/- 1/8 (3) UNLESS OTHERWISE NOTED

TITLE:

**MODEL FNP 2-PIPE OR 4-PIPE
W/O ELECTRIC HEAT**

DATE

4/15/2020

SHEET

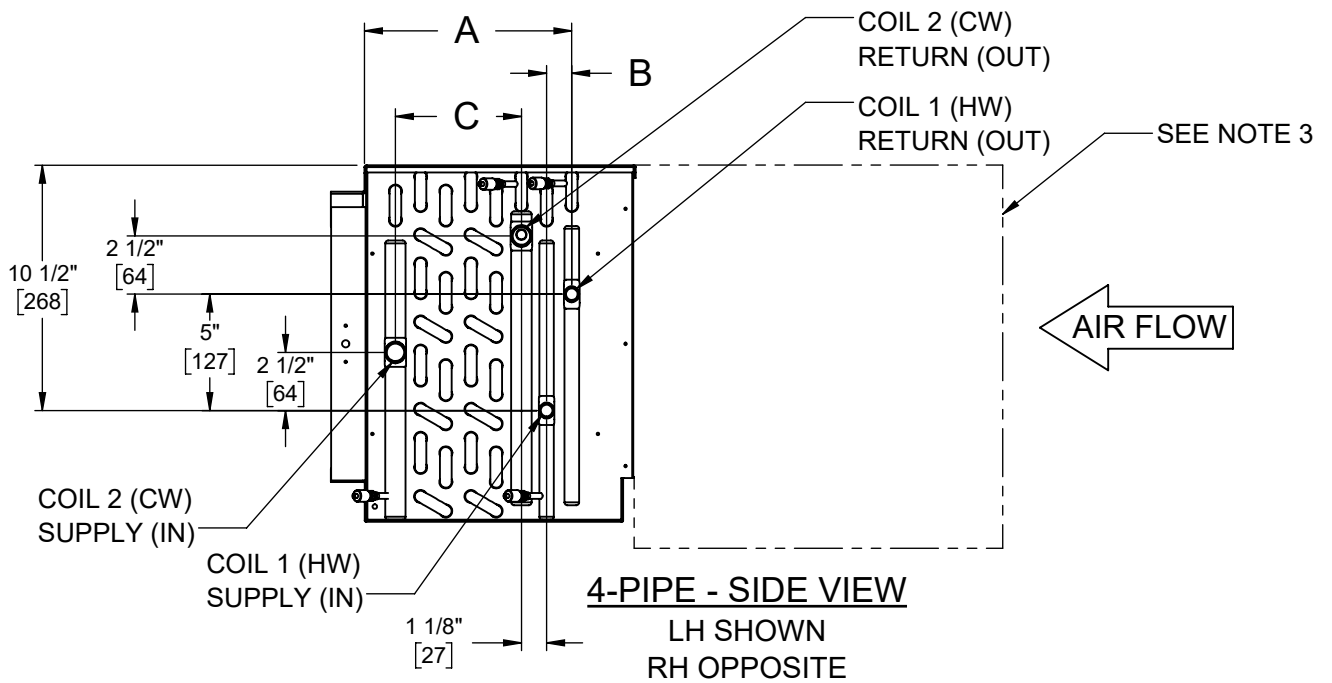
PAGE 2 OF 2

DRAWING NO

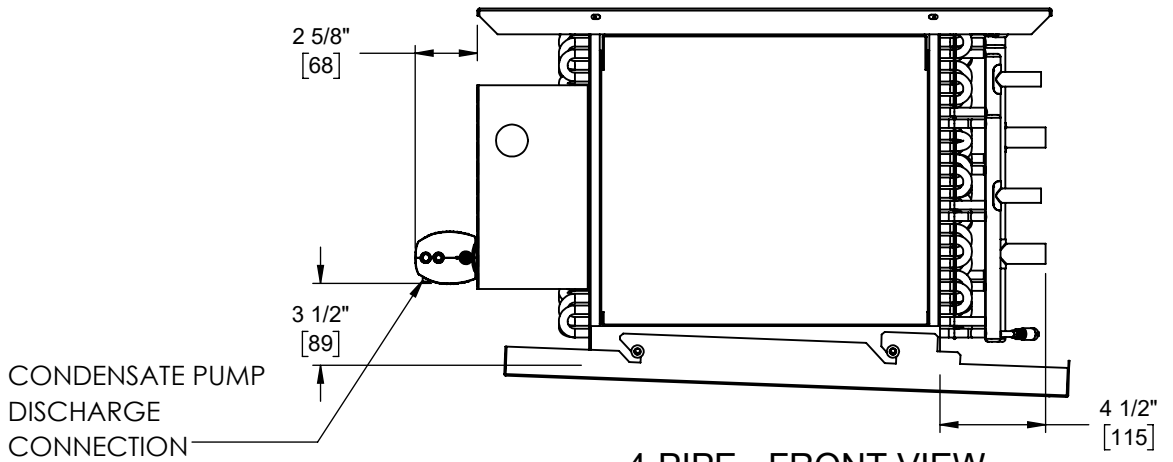
82-80036-J

REV

B



4-PIPE - SIDE VIEW
LH SHOWN
RH OPPOSITE



4-PIPE - FRONT VIEW
LH SHOWN
RH OPPOSITE

Unit Type: 4 Pipe Pre-Heat

Coil 1 HW Rows	Coil 2 CW Rows	1/2" Coil ϕ		
		A	B	C
1	3	7-5/8" [194]	1-1/8" [29] $\triangle 7$	1-5/8" [41]
1	4	7-5/8" [194]	1-1/8" [29] $\triangle 7$	2-1/2" [64]
2	3	6-3/4" [171]	1-1/8" [29]	2-1/8" [54]
2	4	6-3/4" [171]	1-1/8" [29]	3-1/8" [79]
3	3	6-3/4" [171]	2-1/8" [54]	2" [51]
1	6	9-5/8" [244]	1-1/8" [29] $\triangle 7$	4-3/4" [121]
2	6	8-7/8" [225]	1-1/8" [29]	5-1/4" [133]
3	4	8-7/8" [225]	2-1/8" [54]	3-1/8" [79]
4	3	8-7/8" [225]	3-1/4" [83]	2-1/8" [54]
4	4	8-7/8" [225]	3-1/4" [83]	3-1/8" [79]

NOTES:

- All dimensions are inches [millimeters]
All dimensions $\pm 1/2$ [13mm].
Metric values are soft conversion.
- All drawings subject to change without notice.
- Model "HPP" unit shown, typical for model "HPF" units.
Connections shown are internal on "HPE" units.
- Connection Size: See 82-80053-J Coil Connections.
- 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.
- Aux. drain outlet is 5/8" ODM copper or 3/8" MPT galvanized steel respectively.
- Single Row/Single Circuit headers are vertical
(Horizontal Distance is 0")

UNCONTROLLED WHEN PRINTED



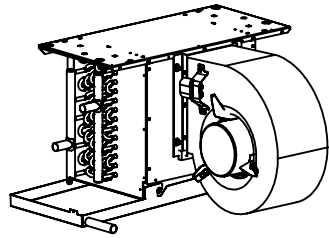
THIS DRAWING CONTAINS PROPRIETARY DATA. UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR USE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION.

SUBMITTAL DRAWING
ALL DRAWINGS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

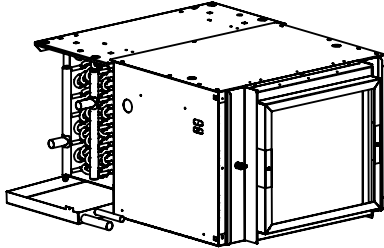
DO NOT SCALE DRAWING
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

TITLE: **FIELD CONNECTIONS FNP/FNF**

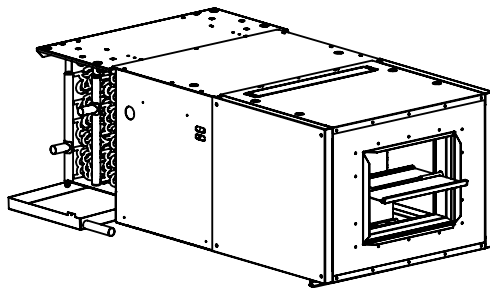
DATE	SHEET	DRAWING NO	REV
3/24/2022	PAGE 1 OF 1	82-800047-J	B



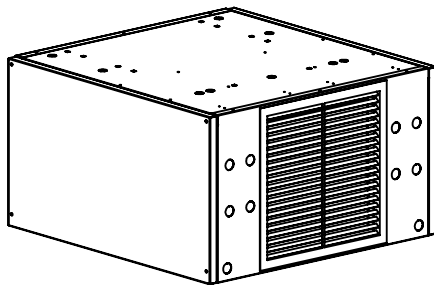
MODEL FNF
HIGH PERFORMANCE
FREE RETURN FAN COIL UNIT



MODEL FNP
HIGH PERFORMANCE
PLENUM RETURN FAN COIL UNIT



MODEL FNP
HIGH PERFORMANCE
PLENUM RETURN FAN COIL UNIT
W/ MIXING BOX



MODEL FNX
HIGH PERFORMANCE
EXPOSED CABINET FAN COIL UNIT

NOTES:

1. Table applies to 1/2" and 3/8" tube diameters.
2. Number of circuits does not affect Coil connection size.

WATER & DX COIL CONNECTION SIZES			
UNIT SIZE	TYPE	# ROWS	CONN. SIZE (OD)
06	HW	1	5/8
06	HW	2	5/8
06	HW	3	7/8
06	HW	4	7/8
06	CW OR DX	3	7/8
06	CW OR DX	4	7/8
06	CW OR DX	6	7/8
08	HW	1	5/8
08	HW	2	5/8
08	HW	3	7/8
08	HW	4	7/8
08	CW OR DX	3	7/8
08	CW OR DX	4	7/8
08	CW OR DX	6	7/8
10	HW	1	5/8
10	HW	2	5/8
10	HW	3	7/8
10	HW	4	7/8
10	CW OR DX	3	7/8
10	CW OR DX	4	7/8
10	CW OR DX	6	7/8
12	HW	1	5/8
12	HW	2	5/8
12	HW	3	7/8
12	HW	4	7/8
12	CW OR DX	3	7/8
12	CW OR DX	4	7/8
12	CW OR DX	6	7/8
14	HW	1	7/8
14	HW	2	7/8
14	HW	3	1 1/8
14	HW	4	1 1/8
14	CW OR DX	3	1 1/8
14	CW OR DX	4	1 1/8
14	CW OR DX	6	1 1/8
16	HW	1	7/8
16	HW	2	7/8
16	HW	3	1 1/8
16	HW	4	1 1/8
16	CW OR DX	3	1 1/8
16	CW OR DX	4	1 1/8
16	CW OR DX	6	1 1/8
18	HW	1	7/8
18	HW	2	7/8
18	HW	3	1 1/8
18	HW	4	1 1/8
18	CW OR DX	3	1 1/8
18	CW OR DX	4	1 1/8
18	CW OR DX	6	1 1/8
20	HW	1	7/8
20	HW	2	7/8
20	HW	3	1 1/8
20	HW	4	1 1/8
20	CW OR DX	3	1 1/8
20	CW OR DX	4	1 1/8
20	CW OR DX	6	1 1/8

UNCONTROLLED WHEN PRINTED



THIS DRAWING CONTAINS PROPRIETARY DATA. UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR USE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION.

SUBMITTAL DRAWING
ALL DRAWINGS ARE SUBJECT TO CHANGE
WITHOUT PRIOR NOTICE

DO NOT SCALE DRAWING
DIMENSIONS ARE IN INCH (MM) FORMAT
+/- 1/8 (3) UNLESS OTHERWISE NOTED

TITLE:

COIL CONNECTIONS FNF/FNP/FNX

DATE

10/09/19

SHEET

PAGE 1 OF 1

DRAWING NO

82-80053-J

REV

A

FN Fan Coil Guide Specifications

GENERAL

Furnish and install Johnson Controls Model FN Horizontal Concealed Direct Drive Fan Coil Units where indicated on the plans and in the specifications. Units shall be completely factory assembled, tested and shipped as one piece. All unit dimensions for each model and size shall be considered maximums. Units shall be ETL listed in compliance with UL/ANSI Standard 1995, and be certified as complying with the latest edition of ARI Standard 440.

CONSTRUCTION

All unit chassis shall be fabricated of heavy gauge galvanized steel panels able to meet 125 hour salt spray test per ASTM B-117. All exterior panels shall be rated for a maximum air velocity of 5000 f.p.m. Insulation must meet all requirements of ASTM C1071 (including C665), UL 181 for erosion, and carry a 25/50 rating for flame spread/smoke developed per ASTM E-84, UL 723 and NFPA 90A.

Option: Provide foil-faced insulation in lieu of standard. Foil insulation shall meet or exceed the requirements stated above, and in addition meet ASTM Standards C-665 and C-1136 for biological growth in insulation. Insulation shall be lined with aluminum foil, fiberglass scrim reinforcement, and 30 pound kraft paper laminated together with a flame resistant adhesive. All exposed edges shall be sealed to prevent any fibers from reaching the air stream.

SOUND

Manufacturer shall provide AHRI 260 sound power data at any specified airflow and static pressure.

FAN ASSEMBLY

Unit fan shall be a dynamically balanced, forward curved; DWDI centrifugal type constructed of galvanized steel for corrosion resistance. Motors shall be high efficiency, permanently lubricated sleeve bearing, permanent split-capacitor type with UL and CSA listed automatic reset thermal overload protection and three separate horsepower taps. Single speed motors are not acceptable.

The fan assembly shall be easily removable for servicing the motor and blower at, or away from the unit. The entire fan assembly shall be able to come out of the unit by removing four nuts per fan and unplugging the motor(s). Plenum unit fan assemblies shall be easily serviced through the filter opening or through the bottom panel.

Option: Provide Electronically Commutated (EC) Motor capable of operation with low voltage 3 speed thermostat.

Option: Motor shall be capable of accepting a 2-10 VDC output from BAS.

COILS

All coils shall be ARI 410 certified and tagged with an ARI 410 label.

All cooling and heating coils shall optimize rows, circuit count, and fin density to meet the specified capacity. Coils shall have seamless copper tubes and shall be mechanically expanded to provide an efficient, permanent bond between the tube and fin. Fins shall have high efficiency aluminum surface optimized for heat transfer, air pressure drop and carryover.

All coils shall be hydrostatically tested at 450 PSIG air pressure under water, and rated for a maximum of 450 PSIG working pressure at 200°F.

All evaporator coils shall be factory sealed and charged with a minimum 5 PSIG nitrogen or refrigerated dry air.

All coils shall be provided with a manual air vent fitting to allow for coil venting.

FN Fan Coil Guide Specifications

DRAIN PANS

Primary condensate drain pans shall be single wall; heavy gauge galvanized steel for corrosion resistance, and extend under the entire cooling coil. Drain pans shall be of one-piece construction and be positively sloped for condensate removal. Drain pan shall be removable without the use of tools.

The drain pan shall be externally insulated with fire retardant, closed cell foam insulation. The insulation shall carry no more than a 25/50 Flame Spread and Smoke Developed Rating per ASTM E-84 and UL 723 and an Antimicrobial Performance Rating of 0, no observed growth, per ASTM G-21.

Option: Provide a single wall primary drain pan constructed entirely of heavy gauge stainless steel for superior corrosion resistance. Stainless steel drain pans shall be externally insulated and meet or exceed the requirements stated above.

Option: Provide a condensate overflow switch in the primary drain pan for condensate overflow.

FILTERS

All plenum and exposed units shall be furnished with a minimum 1" nominal glass fiber throwaway filter. Filters shall be tight fitting to prevent air bypass. Plenum and exposed unit filters shall be easily removable from the bottom of the unit without the need for tools.

Option: Provide unit with 2" pleated filters rated at MERV 8 based on ASHRAE 52.2 - 1999.

ELECTRICAL

Units shall be furnished with single point power connection. Provide an electrical junction box with terminal strip for motor and other electrical terminations. The factory mounted terminal wiring strip consists of a multiple position screw terminal block to facilitate wiring terminations for the electric control valves and thermostats.

WARRANTY POLICY

Effective May 1, 1999

Johnson Controls, Inc., hereinafter referred to as Johnson Controls, hereby warrants their manufactured products and component parts of variable volume terminals, electric heaters, fan coil units, and air handlers.

- A. All component parts manufactured by Johnson Controls are warranted for a period of 12 months from startup not to exceed 18 months from the date of shipment.
- B. Warranty replacement parts may be remanufactured or new components.
- C. Control components furnished on a consignment basis for mounting by Johnson Controls in its assemblies are not warranted by Johnson Controls.

Warranty is limited to the replacement of product(s) and/or part(s) furnished by Johnson Controls. No replacement labor nor extraneous labor or materials related to the repair and replacement is included. Further, Johnson Controls makes no other warranties, expressed or implied of its product(s), or any other product(s) so included as a component of its product(s). In no event shall Johnson Controls be deemed responsible for liquidated or consequential damages of any nature whatsoever.

ORDERING GUIDELINES

I. Replacement Parts Ordering Guidelines

The Representative must enter a complete and accurate parts order on a Johnson Controls parts order form for any warranty part required. The original Johnson Controls order number must be included. All pertinent information must be included: purchase order number, ship-to address, tagging and contact information, replacement part number, ordering office and salesperson names. Check the order type as a "Warranty."

II. Return of Failed Parts

Replacement parts will be invoiced to your account. In order to receive credit for the warranty replacement parts, the failed parts must be returned to Johnson Controls within 90 days from the replacement part ship date with the following exceptions. If at 90 days the part has not been received at the factory, the parts invoice is due. Returned parts will not be accepted for credit after 90 days.

- A. Secondary limits are warranted for a period of (6) months from the date of the original product shipment. No return required. A no-charge invoice will be issued.
- B. Direct drive motors require the return of the motor nameplate for each motor within 90 days of shipping the replacement motor in order to receive credit. The type of failure must be indicated with the return nameplate.
- C. Belt driven product motors and frequency inverters are to be repaired or replaced by the vendor's authorized repair center. The motor must be returned to the repair facility, not to Johnson Controls.
- D. Replacement parts for "Return Not Required" parts will ship UPS Ground and will be invoiced "no charge."

III. Warranty Components That Must Be Returned For Credit

The following conditions must be met in order to qualify for credit for a failed part.

- A. Defective parts must be returned within 90 days from the date of shipment of replacement parts. Warranty parts invoices over 90 days old are due and payable immediately.

WARRANTY POLICY

Effective May 1, 1999

- B. Return parts must be accompanied by one of the following:
1. Packing list copy of replacement parts invoice – if returned directly from your customer.
 2. Copy of replacement parts invoice – if you (Representative) are returning the parts.
 3. If you have replaced defective part(s) from your stock on a project in warranty, a parts order must be placed identifying the original Largo order#. The defective part(s) can be returned once you have the packing slip or a copy of the replacement parts slip. NOTE: Do not return defective parts without first ordering a replacement.
- C. Parts must be packed with reasonable care. Damage that occurs in shipment may mask the original cause of failure and cause our vendors to deny warranty. Ship freight prepaid to the attention of:

**Warranty Returns Department
Johnson Controls
8575 Largo Lakes Blvd
Largo, FL 33773**

Pack each return by job, with appropriate paperwork. If possible, avoid partial returns. If unavoidable, you must include a copy of the packing slip and/or invoice with each shipment of returned parts.

NOTE: Credit cannot be issued for any return shipment received without proper accompanying paperwork. Paperwork is essential for identification. Any parts returned without documentation will be discarded (15) days after notification is given to the Representative office. If the Representative office is unidentifiable, no credit will be given.

IV. Warranty Disposition

The final disposition of any warranty claim will be determined solely by Johnson Controls. If after inspection by Johnson Controls Warranty Returns Department, it is apparent that improper application, misuse, or lack of maintenance has caused the product(s)' failure, the warranty will be voided and no credit issued. The appropriate disposition of returned parts will be determined as follows:

- A. Defective Parts
1. Parts found to be defective in workmanship or materials will be credited based on the Representative's invoiced cost, including standard ground freight.
 2. All defective part(s) that were supplied from the Representative's local stock will be replaced at no charge.
 3. No credit in lieu of shipping a replacement part will be issued.
- B. Operational Parts
- Parts found to be operational will be returned to the Representative and no credit will be issued. This also applies to cosmetically abused parts which are operational.

V. Unidentified Parts and Parts That Are Out-of-Warranty

The Representative must contact the factory in order to obtain authorization for any return of a non-warranty product(s) for special consideration and repair. If written authorization is obtained, the procedure for warranty product(s) will apply.

Parts received without appropriate paperwork or that are outside the warranty period will be held for a period of 15 days after notice of pending disposal has been sent to the Representative, if the Representative can be identified. The Representative will be given the option of the parts being returned and paying for freight and handling charges.

Equipment Release Approval Form

Product Type: Horizontal High-Performance Plenum Return FCU's

Unit Tags: FCU-01 thru FCU-10 (excluding FCU-09)

The following table must be completed prior to releasing the equipment for fabrication. Please initial the column indicating the information contained in this submittal has been verified, or indicate to refer to a marked-up page.

SUBMITTAL VERIFICATION	
	Purchaser Initials
Unit quantities and tag designations are correct.	
Equipment dimensions (length, width, and height) and weights have been verified to comply with jobsite conditions and rigging requirements.	
Electrical voltage and electrical connections are compatible with jobsite requirements.	
Unit handing/orientation is suitable for installation based on mechanical system and jobsite spatial constraints. This includes (but is not limited to) unit piping/ductwork connections and enclosure/access door locations.	

Important Notes:

- 1) Actual fabrication release cannot commence until this form is signed by the customer and returned to JCI along with a release notification with date and ship to address.
- 2) Equipment "lead-time" does not start until confirmed release documentation is received, and the order is actually released to the factory.
- 3) Modifications to equipment configurations after fabrication release may impact cost and lead-time.

- 4) Attached configurations are as shown in the approved equipment submittals or as defined in superseding customer correspondence.
- 5) Note that once this document is confirmed, the equipment configurations defined by this document take precedence over all other documents.
- 6) "Want date" and/or "ship to address" changes made after this document is confirmed may impact cost and lead-time.

Please fill out the following table and refer to the receiving/rigging instructions in this submittal to help ensure a smooth delivery and installation of the equipment.

DELIVERY INFORMATION	
	Please fill out information below
Contact name for coordinating delivery of equipment with transportation company:	
Contact phone number:	
Advance notice required from transportation company prior to delivering equipment (typically 48 hours):	
Ship to address:	
Other special shipping instructions or requirements:	

CUSTOMER APPROVAL:

Customer Name: _____

Signature (*) _____

Date: _____