



Submittal #238219-002.0 238219 - Fan Coil Units

Project: NCD23106.01 - Jenkins_SPCC Aseptic Training
Monroe, North Carolina USA

Fan Coil Units -FCU-4 - Product Data & Shop Dwgs

REVISION:	0	SUBMITTAL MANAGER:	Jordan Nichols (IPS-Integrated Project Services, LLC)
STATUS:	Open	DATE CREATED:	07/31/2025
ISSUE DATE:	07/31/2025	SPEC SECTION:	238219 - Fan Coil Units
RESPONSIBLE CONTRACTOR:	Jenkins-Peer Architects (JENK001)	RECEIVED FROM:	Fara Kemelman
RECEIVED DATE:	07/30/2025	SUBMIT BY:	08/14/2025
FINAL DUE DATE:	08/14/2025	LOCATION:	
SUB JOB:		COST CODE:	
		TYPE:	Shop Drawing

APPROVERS: Thomas Belanger (IPS-Integrated Project Services, LLC), Jordan Nichols (IPS-Integrated Project Services, LLC)

BALL IN COURT:
Jordan Nichols (IPS-Integrated Project Services, LLC)

DISTRIBUTION:
Jordan Nichols (IPS-Integrated Project Services, LLC) , Nickolas Lash (IPS-Integrated Project Services, LLC)

DESCRIPTION:
Please find attached the Fan Coil Units -FCU-4- Product Data & Shop Dwgs for review. Comments are due back **14AUG2025**. Please let me know if you can't meet this date.

SUBMITTAL WORKFLOW

NAME	SENT DATE	DUE DATE	RETURNED DATE	RESPONSE	ATTACHMENTS	COMMENTS
General Information Attachments					23 82 19.2 - Fan Coil Units -FCU-4 - Product Data & Shop Dwgs.pdf	
Thomas Belanger	07/31/2025	08/14/2025	08/07/2025	Reviewed	23 82 19.2 - Fan Coil Units -FCU-4 - Product Data & Shop Dwgs.pdf (Current)	Coordinate with electrical contractor. No other exceptions noted.
Jordan Nichols	08/07/2025	08/14/2025		Pending		

THIS SUBMITTAL HAS BEEN REVIEWED ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS.

IT IS THE CONTRACTOR'S CONTRACTUAL DUTY TO REVIEW AND ACT UPON SUBMITTALS, PRIOR TO THEIR SUBMISSION TO VERIFY THAT ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS HAVE BEEN MET OR IF THEY HAVE NOT BEEN MET TO SO NOTIFY THE DESIGN PROFESSIONAL OF RECORD IN WRITING. BY THE SUBMISSION OF THIS SUBMITTAL TO THE DESIGN PROFESSIONAL OF RECORD IT IS ASSUMED THE CONTRACTOR HAS FULFILLED THESE CONTRACTUAL DUTIES. REVIEW OF THIS SUBMITTAL BY DESIGN PROFESSIONAL OF RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE DUTY TO MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND THE APPLICABLE BUILDING CODES.

ANY COMMENTS NOTED OR CORRECTIONS REQUESTED ARE FOR CLARIFICATION TO THE GENERAL CHARACTER OF THE WORK. CORRECTNESS OF DETAILS, MEASUREMENTS, QUANTITIES, CONFORMITY WITH CONTRACT DOCUMENTS, TECHNIQUES OF CONSTRUCTION AND COORDINATION WITH OTHER TRADES SHALL REMAIN THE COMPLETE RESPONSIBILITY OF THE CONTRACTOR.



Submittal Record

Our Passion is Building®

Rodgers Builders, Inc.
PO Box 18446 (28218)
5701 North Sharon Amity Road
Charlotte, NC 28215

rodgersbuilders.com
704 537 6044 TELEPHONE
704 535 0055 FAX

Architect:

Project:

Rodgers Project #:

Form of Submittal

Submittal No.

- Product Data
- Shop Drawings
- Mix Designs
- MSDS Sheets
- Physical Samples
- Manufacturer's Certification
- Test Reports
- Installation Instructions
- Letter of Affidavit / Compliance
- Welding Certificates
- Sample Warranty
- Other (Specify) - _____

Item: _____

Drawing Number: _____

Spec. Section & Package No.: _____

Manufacturer: _____

Brand: _____

Submitted By: _____

Review Due Date: _____

Rodgers Stamp

Rodgers Builders, Inc.

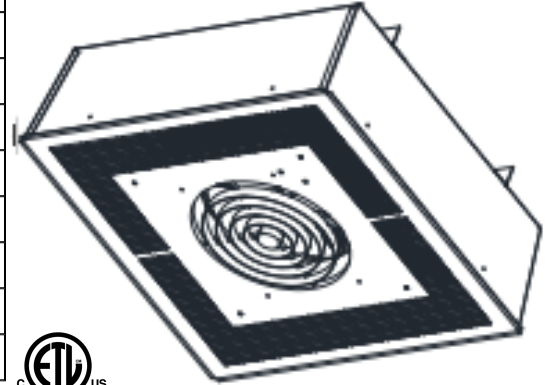
- ___ No Exception Taken ___ Make Corrections Noted
- ___ Rejected ___ Revise and Resubmit
- ___ Submit Specified Item ___ Reviewed

Corrections and comments are only for general conformance with the design concepts of the project and general compliance with the information given in the contract documents. Action shown is subject to the requirements of the plans and specifications. This review does not relieve the subcontractor/vendor from compliance with requirements of the drawings and specifications. Subcontractor /vendor is responsible for dimensions which shall be confirmed and correlated at the job site, fabrication process, and techniques of construction: coordination of their work with that of all other trades and the satisfactory performance of their work.

By _____ Date _____
 No. _____

A/E Stamp

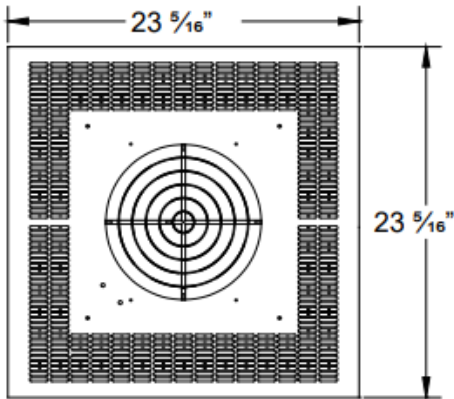
SALES ORDER NO.		QUOTE	GX28G
CUSTOMER		DATE:	07/28/2025
PROJECT	SPCC aseptic training		
SALES REP			
ENGINEER			
CONTRACTOR			
SUBMITTED BY	Hoffmangrb		
APPROVED BY			
APPROVED BY			



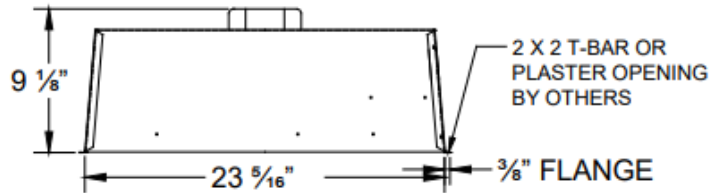
SUBMITTAL DATA SHEET

QTY	MODEL	TAG	WATTAGE	VOLTS	PHASE	AMPS	CFM	DISCONNECT	THERMOSTAT	OPTIONS
1	J3482TA1S		2	208	3	5.6	600	Yes	Yes	None
1							600	None	None	None

NOTES/SPECIAL INSTRUCTIONS:



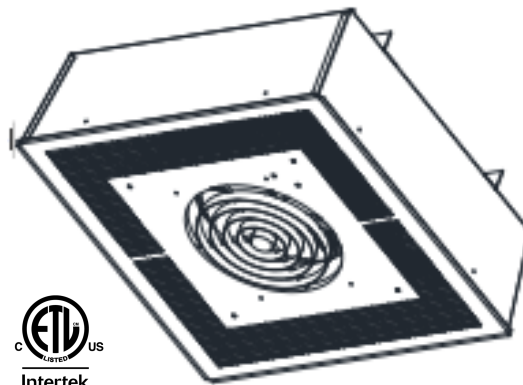
BOTTOM VIEW



SIDE VIEW
(ALL SIDES IDENTICAL)

Coordinate KW with Electrical Contractor

- 20 gauge steel cabinet
- White powder coated paint finish
- All models have manual reset thermal limit, 24 volt control transformer and 24 volt relay (A1 Suffix) standard
- Enclosed steel fin sheathed element
- 12' maximum mounting height
- Optional louver available for exhaust outlet



MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTUs	VOLTS	PH	AMPS	TEMP RISE	
03153302	F3482A1	2	6826	208	1	9.6	15 °F	
03152602	H3482A1			240		8.3		
03149702	G3482A1			277		7.2		
03184702	P3482A1			480		4.2		
04702802	J3482A1			208		5.6		
03984902	K3482A1	2	6826	240	3	4.8	15 °F	
04702402	Y3482A1			480		2.4		
03153202	F3483A1	3	10200	208	1	14.4	22 °F	
03148402	H3483A1			240		12.5		
03148102	G3483A1			277		10.8		
03184802	P3483A1			480		6.3		
04706402	J3483A1	3		208	3	8.3		
03985002	K3483A1			240		7.2		
04702502	Y3483A1			480		3.6		
03153602	F3484A1	4	13600	208	1	19.2	30 °F	
03155402	H3484A1			240		16.8		
03148002	G3484A1			277		14.4		
03185002	P3484A1			480		8.3		
03148702	J3484A1	4		208	3	11.1		
03148202	K3484A1			240		9.7		
03185802	Y3484A1			480		4.8		
03154802	F3485A1	5	17000	208	1	24.1	37 °F	
03155102	H3485A1			240		20.8		
03149602	G3485A1			277		18.1		
03185402	P3485A1			480		10.4		
03150802	J3485A1	5		208	3	13.9		
03180902	K3485A1			240		12.1		
03184002	Y3485A1			480		6.1		
03661002	PT3480	Recess Frame = Weight 5 lbs.						

Notes

- Optional controls must be factory installed. Field installation is not acceptable and violates listing and factory warranty.
- Degree F air rise is measured at 1,000 F.P.M. and 600 CFM Throw designed for 8 to 12 foot ceilings AFF.
- Unit Weight: 50 lbs.
- Low Voltage: UT1001

Factory Installed Control Sections

SUFFIX	DESCRIPTION
S	Disconnect Switch
T	Single Pole Thermostat (40°-110°F)
RELAYS FOR FIELD SUPPLIED NIGHTLY SETBACK	
R*	Relay Control Voltage Same as Heater, *208/240V models only (control voltage field supplied)
R1	Relay 24V Control Voltage (control voltage field supplied)
R2	Relay 120V Control Voltage (control voltage field supplied)

Product Specifications

Contractor shall supply and install heavy duty ceiling mounted forced air electric heater(s) of the wattage, voltage and phase as indicated on the plans. The heater shall be so designed to provide an even distribution of heated air to the space to be heated by drawing return air in the periphery of the heater, across and through the element and be discharged from the center section of the heater by means of an electric motor and axial flow fan blade.

Heaters shall be recessed type and mounted flush with the finished ceiling. The return grille assembly shall be constructed of a one piece heavy gauge steel with 1/4" slots for return air and concentric rings for uniform air discharge. Grille assembly shall be attached to chassis by tamper-resistant (allen head) machine screws. All parts of enclosure shall be heavy gauge steel, zinc coated both sides and finished in neutral off white powder coat paint.

Enclosure shall be constructed of 1/8" x 3/8" rounded edge horizontal steel louvers which shall be spaced for maximum opening of 5/16". Louvers shall be welded at every intersection to evenly spaced 1/8" diameter vertical members. Discharge grille to have concentric rings for uniform air discharge. Grille assembly shall be attached to chassis by tamper-resistant (allen head) machine screws. All part of enclosure shall be heavy gauge steel, Zinc coated both sides and finished in neutral off white colored powder coat finish.

Motor shall be permanently lubricated, unit bearing, totally enclosed, with impedance protection. Motors shall operate at no more than 1300 RPM and shall be same voltage as the heater.

Heaters shall have a rating of 600 CFM at 1,000 F.P.M. with a maximum temperature rise of 44°F and sound level 63.9 dB.

Element assemblies shall consist of two or three corrosion resistant steel sheathed type elements mechanically bonded to common corrosion resistant steel fins. Each sheathed element shall consist of helically coiled Nickel Chromium alloy resistant wire completely embedded in and surrounded by magnesium oxide, enclosed and wedged into corrosion resistant steel sheaths. Elements shall have 2" cold conductor pins extending into sheath and shall have a density of no more than 60 Watts per inch

Heaters shall be equipped with a "manual reset" thermal overload which disconnects elements and motor in the event normal operating temperatures are exceeded. For safety, if opened due to abnormal temperature, thermal overload shall remain open until manually reset. Automatic reset thermal overloads which allow the element to continue to cycle under abnormal conditions will not be accepted. Heaters shall be ETL listed.