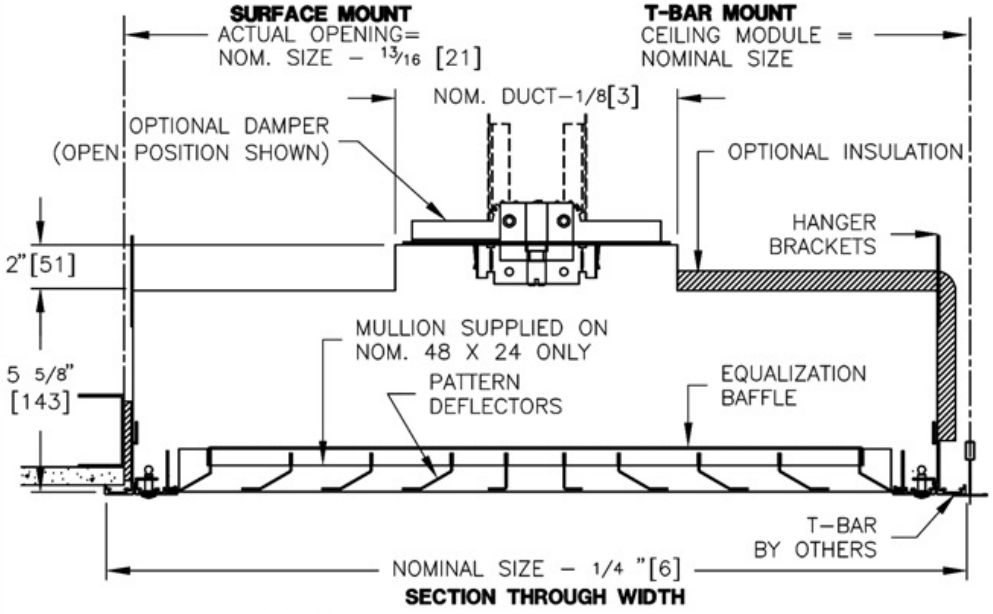
price®

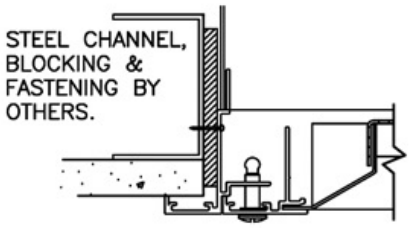
Submittal Sheet

FRFDA FLUSH FACE RADIAL FLOW ADJUSTABLE DIFFUSER

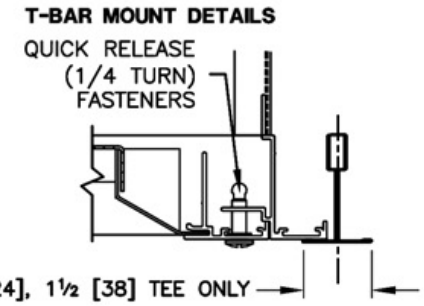


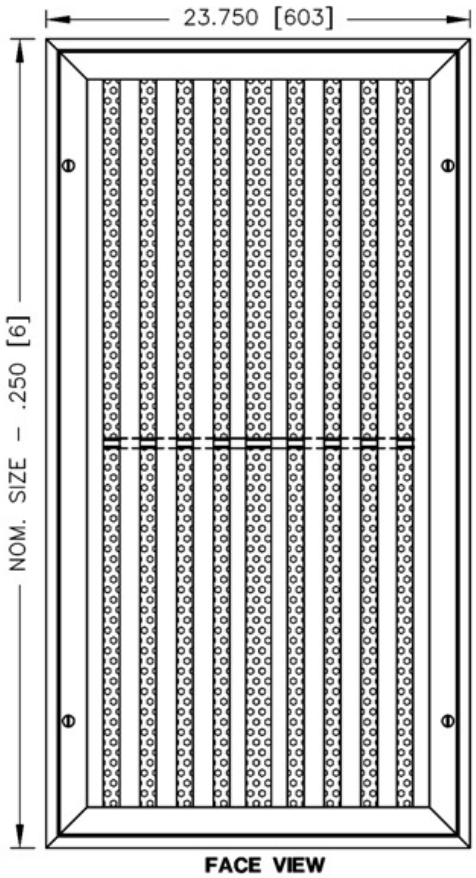
SECTION THROUGH WIDTH

SURFACE MOUNT DETAIL



T-BAR MOUNT DETAILS





FACE VIEW

NOMINAL SIZE

IMPERIAL	
DUCT	L x W
8 (204)	24X24 (610X610)
10 (254)	24X24 (610X610)
10 (254)	48X24 (1219X610)
12 (305)	48X24 (1219X610)

NOTE:
- TWO STAINLESS STEEL RETAINER CABLES PER UNIT
- FACTORY TOLERANCE ±1/32"(1)

DIFFUSER:

STANDARD MATERIAL
- EQUALIZATION BAFFLE–STEEL,
- PLENUM–STEEL.
- DIFFUSER FRAMES – ALUMINUM.
- QUICK RELEASE [1/4 TURN] FASTENERS – PLATED STEEL.

FINISH
- DIFFUSER – B12 WHITE POWDER COAT

OPTIONAL DAMPERS:
- ☐ VCR8E DAMPER – COATED STEEL PAINTED STEEL B12 WHITE POWDER COAT
- ☐ VCR8ESS DAMPER – STAINLESS STEEL

OPTIONS:
- ☐ AFI–0.5: 0.5" THICK ALUMINUM FOIL–BACKED INSULATION

FACTORY PRESET DIRECTION AIR FLOW PATTERN OPTIONS:
- ☐ 1–WAY RADIAL
- ☐ 2–WAY HORIZONTAL
- ☐ VERTICAL
- ☐ 2–WAY RADIAL

- PATTERN CONTROL IS ACHIEVED WITH:
  - 2 ALUMINUM ADJUSTMENT BAFFLES (ALL MODELS)
  - 2 ADDITIONAL ALUMINUM DEFLECTORS (2 X 4 MODELS ONLY)
- PATTERNS CAN BE READJUSTED IN THE FIELD.

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT: Webster University - Interdisciplinary Science Building	price®	
ENGINEER: Cannon Design	DK	**FRFDA** FLUSH FACE RADIAL FLOW DIFFUSER ADJUSTABLE
CUSTOMER:	237917	
SUBMITTAL DATE: 11/23/2016 **SPEC. SYMBOL:** 17	2010/11/29	

REV F

Critical Environments Submittals

Job Name: Webster University - Interdisciplinary Science Building
Job Location: St. Louis, MO
Engineer: Cannon Design
Contractor: icon Mechanical
Date Printed: 11/23/2016

Contact: Jake Norrenberns
13836 PARKS STEED DRIVE
EARTH CITY, MO 63045

Phone: 618-363-4441
Email: jake@kuhlmannsupply.com

WM TAO & ASSOCIATES
CONSULTING ENGINEERS

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: December 16, 2016

Attention: **stl-cac@cannondesign.com**

Contact Person / WTA Field Inspector: Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Mike Nolte

Project No. WT 14127.01

[ ] UPS [ ] Courier [X] **Email**

Copies	No.	Description
1 PDF	238800M08	(Submittal No.'s:) (~~R&B CxSRC~~)
		(Cannon #238800-11) - (Paric #15051-0370) – (WES #607)
		➢ **Air Distribution – Price Air Devices**

Submittal Review Comments

1. **Confirm device quantities.**
2. **Verify ceiling construction with frame types.**

c: **Kelvin Patel**
Kpatel@cannondesign.com

[ ] Furnish as Submitted [X] ***Furnish as Noted**

[ ] Rejected [ ] Revise & Resubmit

[ ] Reviewed [ ]

Corrections or comments made on shop drawings during this review do not relieve contractor from compliance with requirements of drawings and specifications. This check is only for review of general conformance with the design concept of project and general compliance with information given in contract documents. Contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades; and performing his work in a safe and satisfactory manner.

141270.01 - 238800 M08
MTN TO REVIEW
12/07/16

WTASHOP - Webster ISB - 23 8800-011

From: STL-CAC <STL-CAC@CANNONDESIGN.COM>
To: 'Patrick Garner' <pgarner@wmtao.com>, "WTASHOP (WTASHOP@wmtao.com)" <WTA...
Date: 12/7/2016 2:02 PM
Subject: Webster ISB - 23 8800-011
Cc: "Patel, Kelvin" <kpatel@CANNONDESIGN.COM>
Attachments: 238800-011 Air Distribution Devices Product Data.pdf

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Attached for review.

Melissa Pirtle

CANNONDESIGN

1100 Clark Ave
St. Louis, Missouri 63102
T 314.425.8797
cannondesign.com

CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

Joe Voypick
SUBMITTED BY

238800-011
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

238800
SPECIFICATION SECTION / PARAGRAPH

Icon Mechanical
MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◯ Shop Drawings
- ◯ Samples (_____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◯ Record Documents
- ◉ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ O&M Manuals
- ◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

◉ Action ◯ Information Only ◯ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

Joe Voypick
REVIEWED BY

12/6/16
DATE

To be completed by Reviewer

23 8800-011
CANNON DESIGN SUBMITTAL NUMBER

12/6/16
RECEIVED DATE

- ◯ A. No Exceptions Taken
  No further review of submittal is required.
- ◯ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ◯ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ◯ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ◯ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ◯ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS ◯ See attached sheet(s) for additional comments

REVIEWED BY

DATE

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0370

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 12/06/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: Air Distribution Devices Product Data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☑ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	**SENT VIA:**	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☑ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	*Package*	*Code*	*Rev.*	*Copies*	*Date*	*Description*	*Status*
Submittal		238800-011	1		12/06/2016	Air Distribution Devices Product Data	Submitted

NOTES:

CC:

Signed: _____

Devin Gates

Mechanical

LETTER OF TRANSMITTAL

TO: Paric Corporation
77 West Port Plaza #250
St. Louis, MO 63146

ATTN: Jason Szachnieski, Devin Gates

DATE: 12/1/16
JOB # : 5768
RE: Webster ISB

We are sending you
( ) Attached ( ) Under separate cover
(X) Shop drawings ( ) Prints ( ) Plans ( ) Samples ( ) Specifications
( ) Copy of letter ( ) Change order ( ) Other

COPIES	DATE	NO.	DESCRIPTION
1	12/1/16	238800-2.9	Air Distribution Devices

These are transmitted as checked below:

( ) For signature ( ) Approved as submitted ( ) Resubmit ( ) copies for approval
( ) For your use ( ) Approved as noted (X) Submit ( ) copies for distribution
( ) As requested ( ) Returned for corrections ( ) Return ( ) corrected prints
( ) For bids due ( ) Prints returned after loan to us
(X) For review and comment ( ) Other

Remarks: Please return by 12/13/16

Scheduled 5" and 7" have been adjusted to 6" and 8" as these are standard duct and air device sizes.

COPY TO: file

SIGNED: Alex Chambers

Webster University ISB
Webster Groves, MO

Submittal #:	238800-2.9
Submittal Description:	Air Distribution Devices
Return By:	12/13/16

Please Note: To avoid scheduling delays and equipment release delays, please submit by the "Return By" date.

CHECKED BY:

DESIGNER: X ENGINEER: X

X	NO EXCEPTION TAKEN		MAKE CORRECTIONS NOTED
	SUBMIT SPECIFIED ITEM		REVISE AND RESUBMIT
	REJECTED		

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Equipment supplier is responsible for: dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of his work with that of all other trades; and satisfactory performance of his work.

Job #:	5768
Date:	12/1/16
By:	ARC