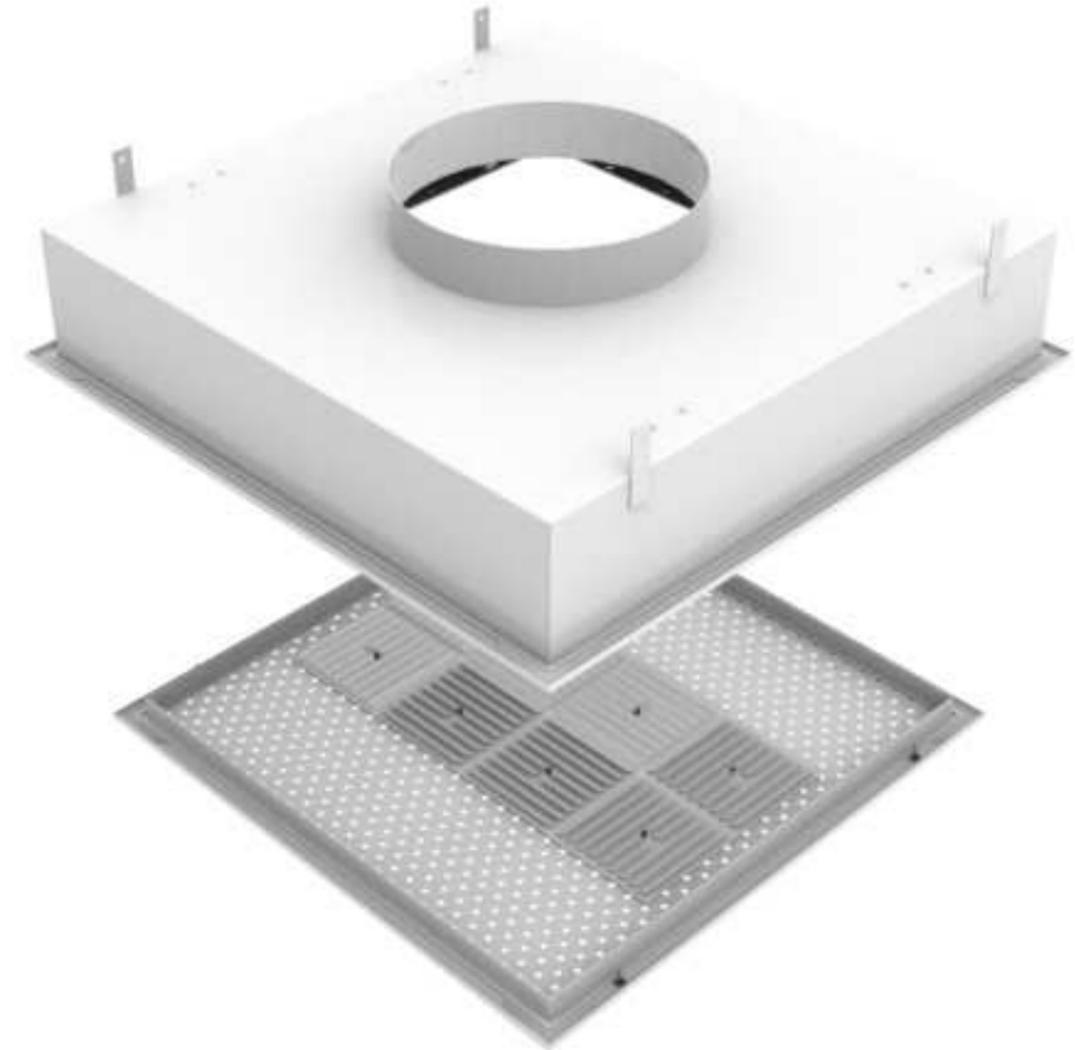


HCF

HIGH CAPACITY FLUSH FACE DIFFUSER

FEATURES:

- PROVIDES A LOW VELOCITY RADIAL AIR PATTERN WHILE MAINTAINING THE APPEARANCE OF A CONVENTIONAL FLUSH FACE PERFORATED DIFFUSER
- FACTORY SET DEFLECTOR BLADES PROVIDE 1 OR 2-WAY AIRFLOW PATTERNS



2 WAY HORIZONTAL RADIAL AIRFLOW PATTERN

PRICE | **CRITICAL ENVIRONMENTS**

PROJECT:

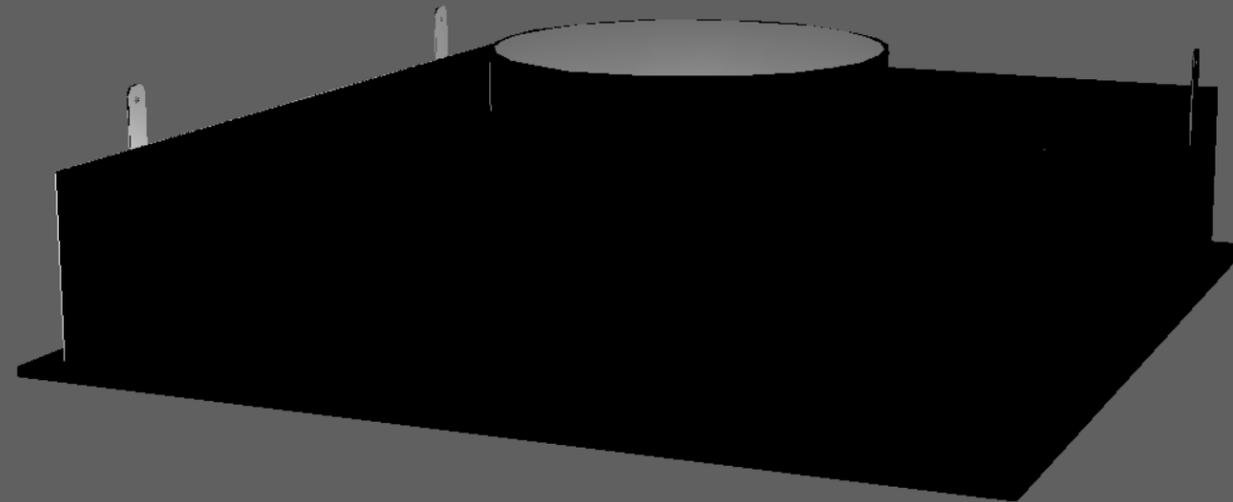
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03-30-2022

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**HIGH CAPACITY FLUSH FACE DIFFUSER
3D INTERACTIVE MODEL**



CONFIGURATION SHOWN:
24x24 UNIT SIZE
10" ROUND INLET
2 WAY HORIZONTAL RADIAL PATTERN

- USE THE SCROLL WHEEL TO ZOOM
- HOLD DOWN THE LEFT MOUSE TO ROTATE
- HOLD DOWN CTRL AND LEFT MOUSE TO MOVE

PRICE | **CRITICAL ENVIRONMENTS**

PROJECT:

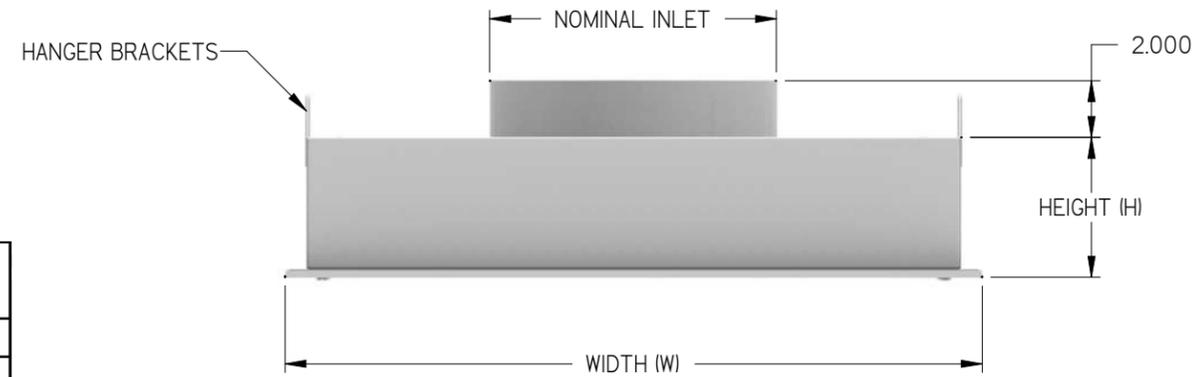
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03-30-2022

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HIGH CAPACITY FLUSH FACE DIFFUSER CONSTRUCTION DETAILS



NOMINAL UNIT SIZE	WIDTH (W)	LENGTH (L)	HEIGHT (H)
24x24	23.750	23.750	4.750
24x48	23.750	47.750	4.750

STANDARD CONSTRUCTION:

- SPOT WELDED PLENUM SEAMS
- STEEL PATTERN DEFLECTORS
- QUICK RELEASE 1/4 TURN FASTENERS
- TWO STAINLESS STEEL RETAINER CABLES PER UNIT

NOTES:

- FACTORY TOLERANCE +/- .132 (1)

PLENUM MATERIAL

- ALUMINUM
- STEEL
- STAINLESS STEEL

FACE MATERIAL

- ALUMINUM

PLENUM FINISH

- B12 STANDARD WHITE
- 2B STAINLESS STEEL MILL (ONLY AVAILABLE WITH STAINLESS PLENUM)

FACE FINISH

- B12 STANDARD WHITE
- B25 CUSTOM MATCHED COLOR

INLET SIZES

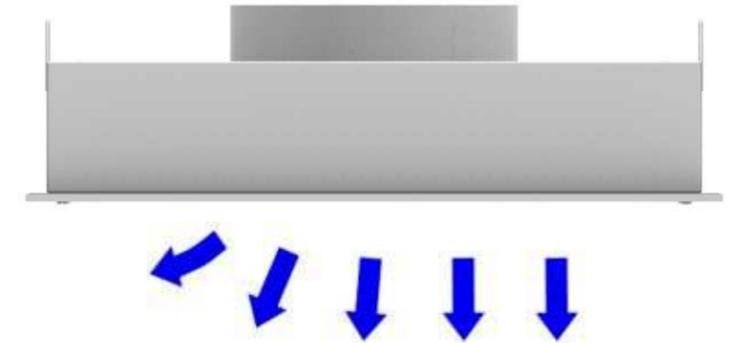
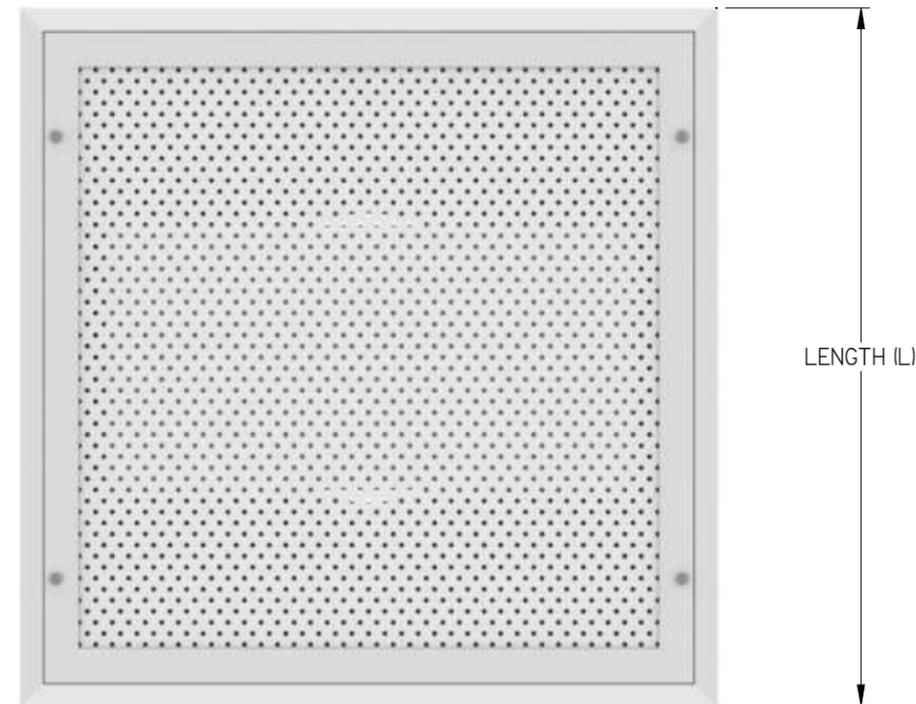
- 8" ROUND
- 10" ROUND
- 12" ROUND

AIR PATTERN

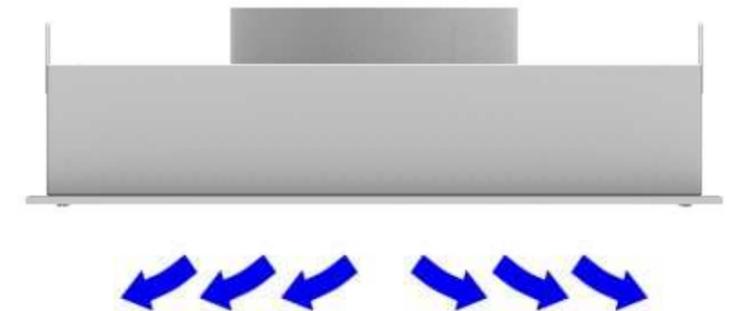
- 1 WAY HALF RADIAL PATTERN
- 2 WAY HORIZONTAL RADIAL PATTERN

OPTIONS

- CW - CONTINUOUSLY WELDED VERTICAL PLENUM SEAMS, SPOT WELED INLET (NOT AVAILABLE WITH STEEL PLENUM)
- VCR8E - BUTTERFLY DAMPER, WHITE POWDER COATED STEEL BLADES
- VCR8ESS - BUTTERFLY DAMPER, STAINLESS STEEL BLADES
- AFI-50 - 0.5" THICK ALUMINUM FOIL-BACKED FIBREGLASS EXTERNAL INSULATION



1 WAY HALF RADIAL AIRFLOW PATTERN



2 WAY HORIZONTAL RADIAL AIRFLOW PATTERN

PRICE | **CRITICAL ENVIRONMENTS**

PROJECT:

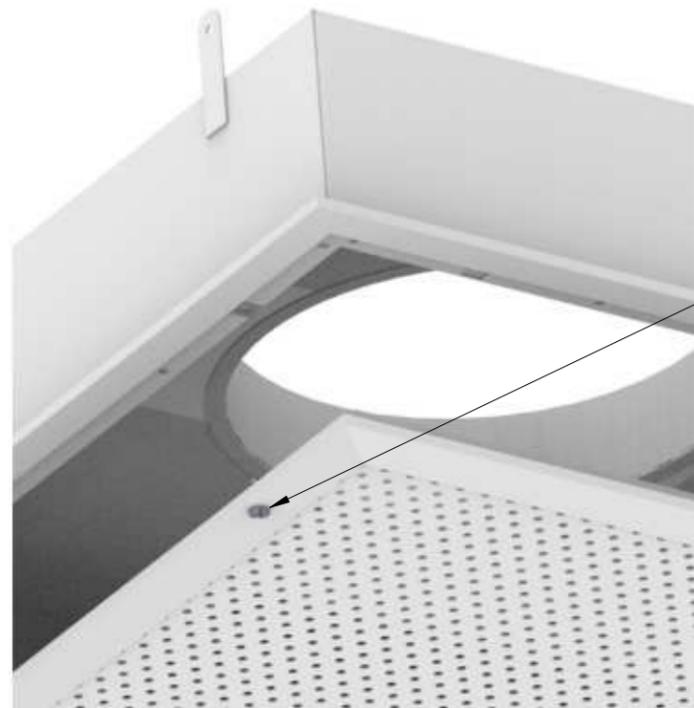
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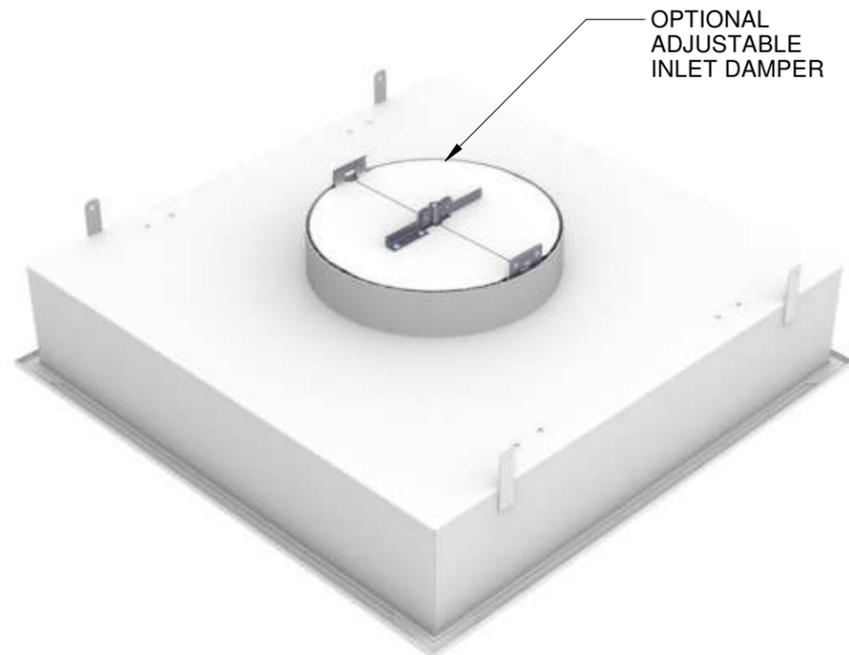
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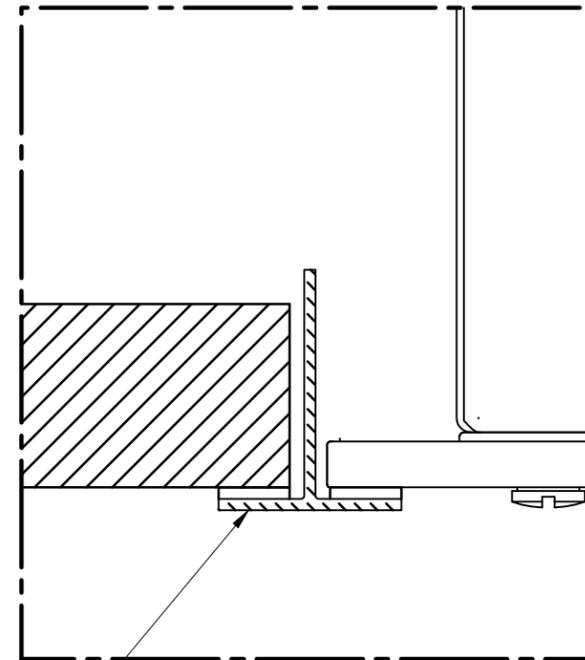
HIGH CAPACITY FLUSH FACE DIFFUSER FACE INSTALLATION & CEILING MOUNTING DETAILS



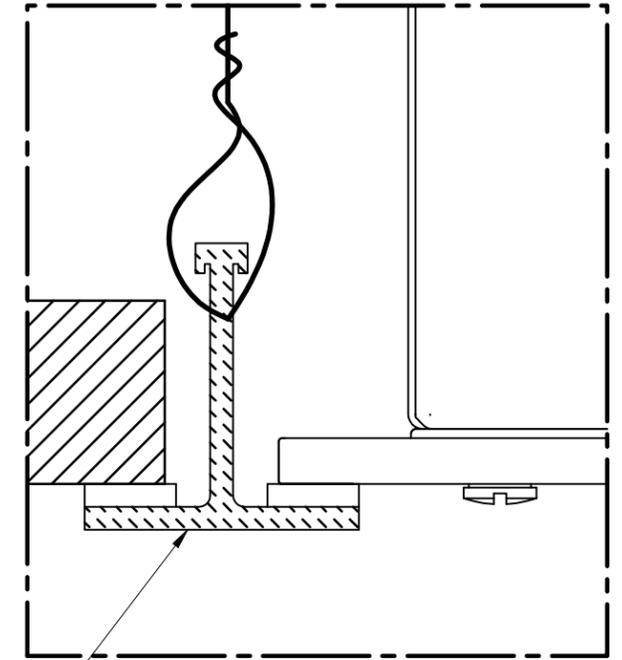
QUICK RELEASE
1/4 TURN FASTENERS



OPTIONAL
ADJUSTABLE
INLET DAMPER



FOR 15/16" (23), 1-1/2" (38) CLEANROOM TEE
INSTALLED BY OTHERS



SURFACE MOUNTING
USING HGMF OR MOUNTING FRAME
BY OTHERS

NOTES:

- LAY IN CEILING INSTALLATION ONLY. UNIT SIZE DESIGNED FOR 1" WIDE T-BAR OR 1.5" WIDE T-BAR.
- FOR SURFACE MOUNT INSTALLATION ORDER SEPARATE HOSPITAL GRADE MOUNTING FRAME. SEE HGMF SUBMITTAL HERE.

PRICE | **CRITICAL ENVIRONMENTS**

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HIGH CAPACITY FLUSH FACE DIFFUSER SUPPORTING CONTENT



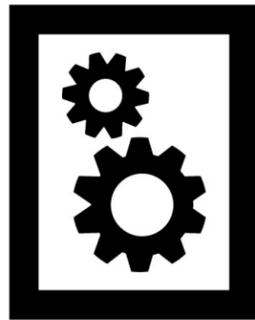
CATALOGS & LITERATURE

HCF HIGH CAPACITY FLUSH FACE DIFFUSER CATALOG
HCF HIGH CAPACITY FLUSH FACE DIFFUSER PERFORMANCE DATA
HCF HIGH CAPACITY FLUSH FACE DIFFUSER PERFORMANCE DATA (METRIC)



SUBMITTALS

CEA CRITICAL ENVIRONMENTS COMPONENTS AND ACCESSORIES SUBMITTAL



MANUALS

CRITICAL ENVIRONMENTS DIFFUSERS INSTALLATION MANUAL



WEBSITE

FOR MORE INFORMATION, VISIT [PRICEINDUSTRIES.COM](https://www.priceindustries.com)



SPECIFICATIONS

HCF HIGH CAPACITY FLUSH FACE DIFFUSER SPECIFICATION

PRICE | **CRITICAL ENVIRONMENTS**

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