FRD

FLAT RADIAL DIFFUSER

AJ MANUFACTURING CO.
8701 ELMWOOD AVE #400 KANSAS CITY, MO 64132
PH: 816.231.5522 FAX: 816.231.8437
TOLL FREE: 800.247.5746
WWW.AJMFG.COM

STANDARD CONSTRUCTION

- 304 Stainless Steel
- 51% Perf Face
- Seam Welded Plenum Corners
- Lay-In / Surface Mounting
- Walkable Plenum up to 250lbs
- Hanger Tabs for Unit Support Above Ceiling

AIRFLOW PATTERNS

☐ 1-Way
☐ 2-Way

FEATURE OPTIONS

☐ Foil Backed Insulation
  ☐ 1.5" (R=4.2)
  ☐ 2.25" (R=6.0)
☐ HEPA-Lert Filter Monitor
  ☐ Battery
  ☐ 24V Supply *(By Others)*
☐ Test Ports
  ☐ 1 Port
  ☐ 2 Ports
☐ PAO Challenge System
(Requires 2 Test Ports)
☐ Seam Welded Inlet Collar
☐ Hard Ceiling Clamping System
☐ Drop Face
☐ Hanger Brackets
(for use with 3/8" threaded rod by others)
☐ Custom Unit Depth:_____

MATERIAL OPTIONS

☐ 316 Stainless Steel

FINISH OPTIONS

☐ Polished
☐ White Antimicrobial Powder Coat
☐ Other: _____

FILTER OPTIONS

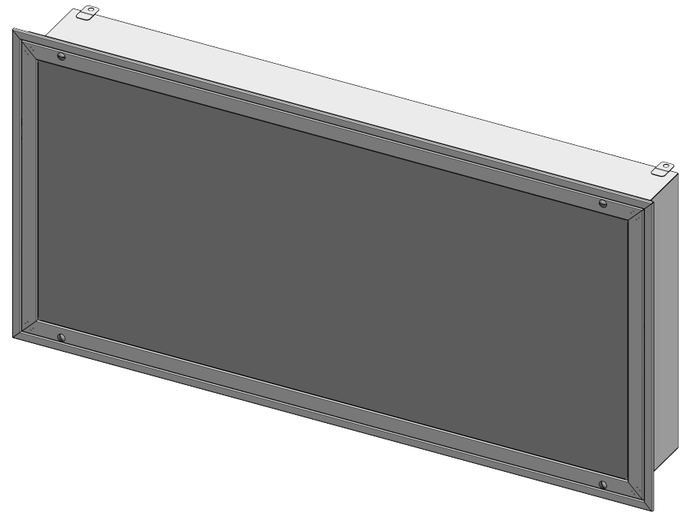
☐ H14 HEPA Filter - 99.995% on 0.3 µm
☐ ULPA Filter - 99.9995% on 0.12 µm

DAMPER OPTIONS

☐ SSRD - Butterfly Damper
☐ SSBD - Bowtie Damper

DAMPER OPTIONS

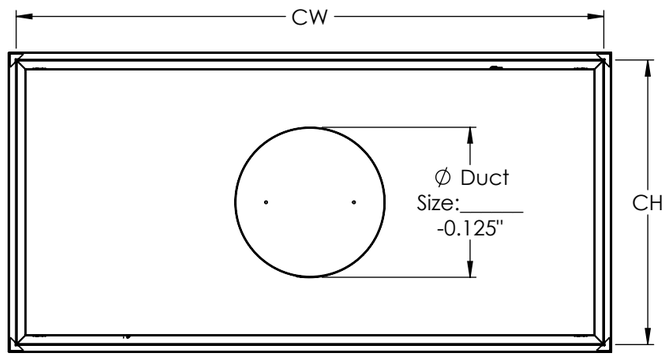
☐ Remote Damper

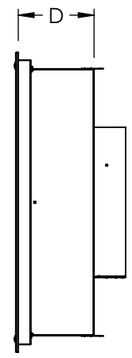


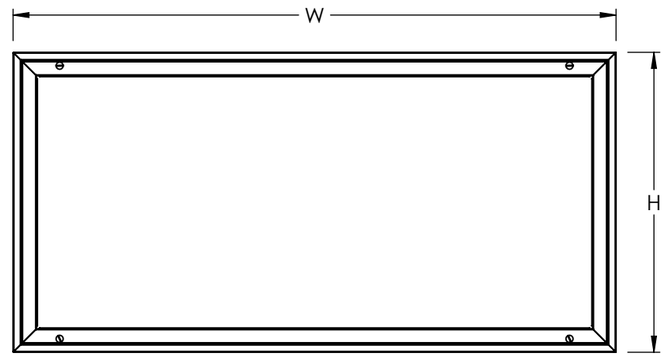
						WITH FILTER		
NOMINAL UNIT SIZE	OVERALL WIDTH (W)	OVERALL HEIGHT (H)	DEPTH (D)	CUTOUT WIDTH (CW)	CUTOUT HEIGHT (CH)	FILTER	DEPTH (D)	ACTIVE FILTER FACE AREA (SQ.FT.)
24 X 24	23.75	23.75	6.00	23.00	23.00	RSR	9.00	2.00
36 X 24	35.75	23.75	6.00	35.00	23.00		9.00	3.42
48 X 24	47.75	23.75	6.00	47.00	23.00		9.00	4.84

INLET OPTIONS

☐ Inlet Location
  ☐ Top Inlet
  ☐ Side Inlet
  ☐ End Inlet
☐ Inlet Shape/Size
  ☐ Round - Size:_____
  ☐ Oval - Size:_____
  ☐ Rectangle - Size:_____
    ☐ Flanged







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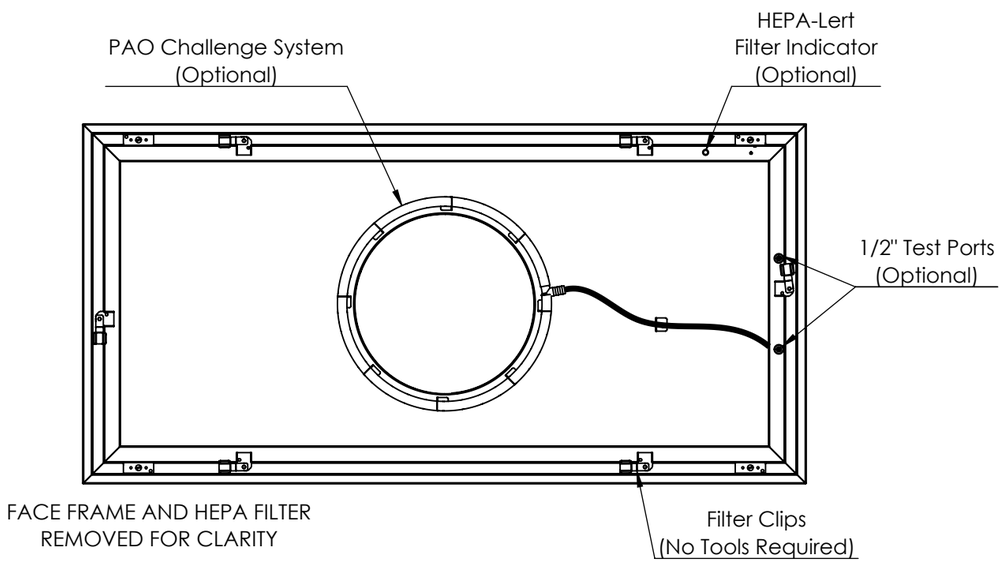
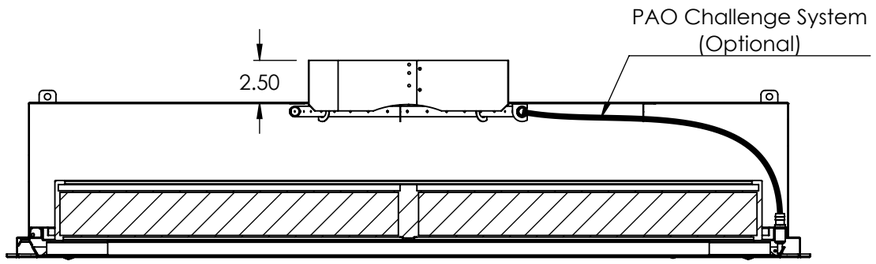
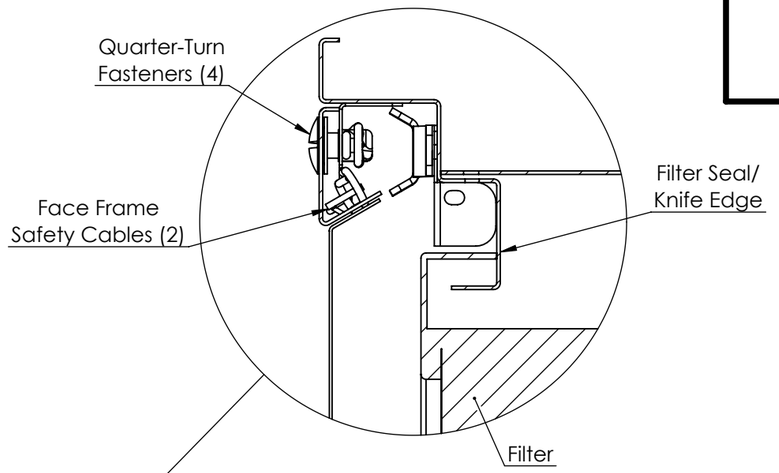
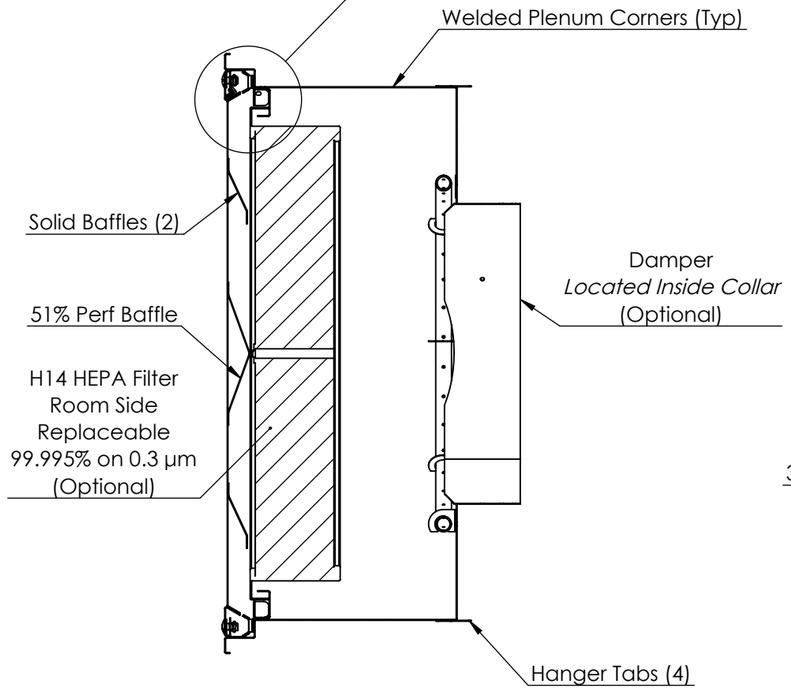


FACE FRAME AND HEPA FILTER
REMOVED FOR CLARITY

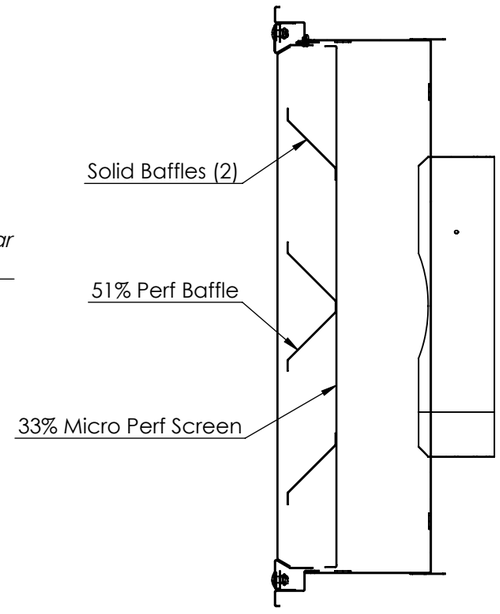


SECTION A-A





1-WAY AIRFLOW
(SHOWN WITH FILTER)



2-WAY AIRFLOW