

SSHEMI
HEMISPHERICAL DIFFUSER
2-WAY

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

FEATURE OPTIONS

- ☐ Louvered Center Section - 0° Deflection
- ☐ 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
- ☐ Hanger Brackets (for use with 3/8" threaded rod by others)
- ☐ Custom Unit Depth: _____

INLET OPTIONS

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

ORDER SIZE

W: _____ x H: _____

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

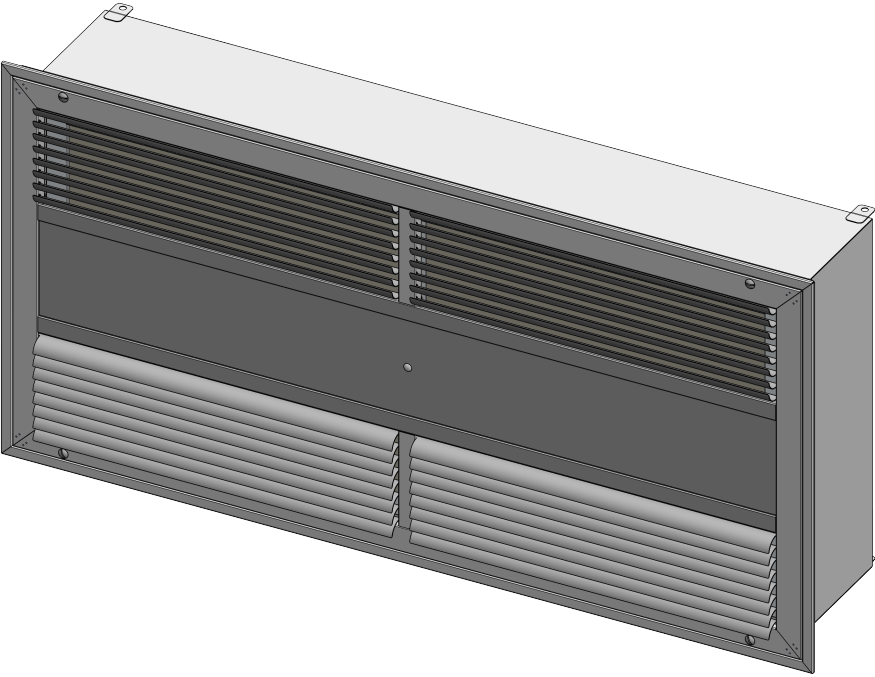
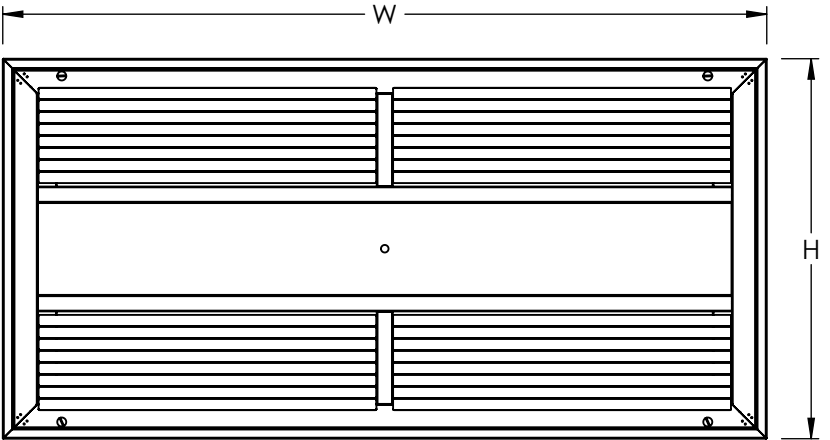
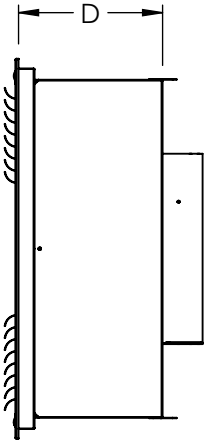
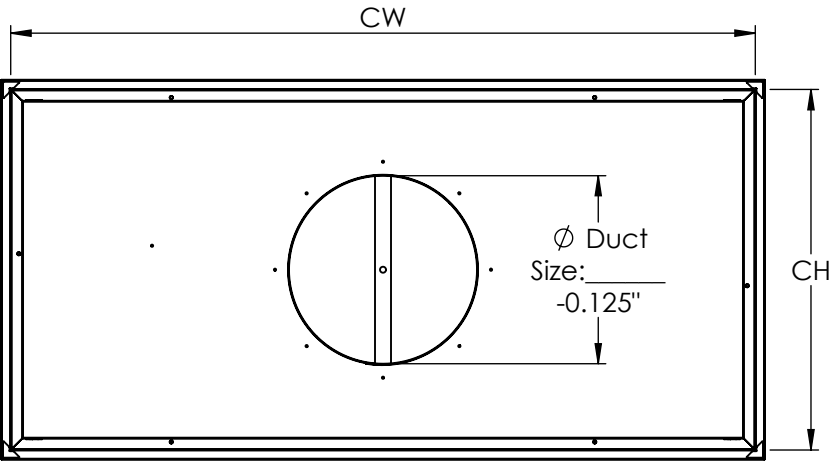
DAMPER OPTIONS

- ☐ SSRD - Butterfly Damper
- ☐ SSBD - Bowtie Damper
- ☐ SSDD - Disc Damper
 - ☐ Solid Disc
 - ☐ Solid Disc w/Perf Ring
 - ☐ Perf Disc

DAMPER OPTIONS

- ☐ Remote Damper (Not Available w/Disc 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

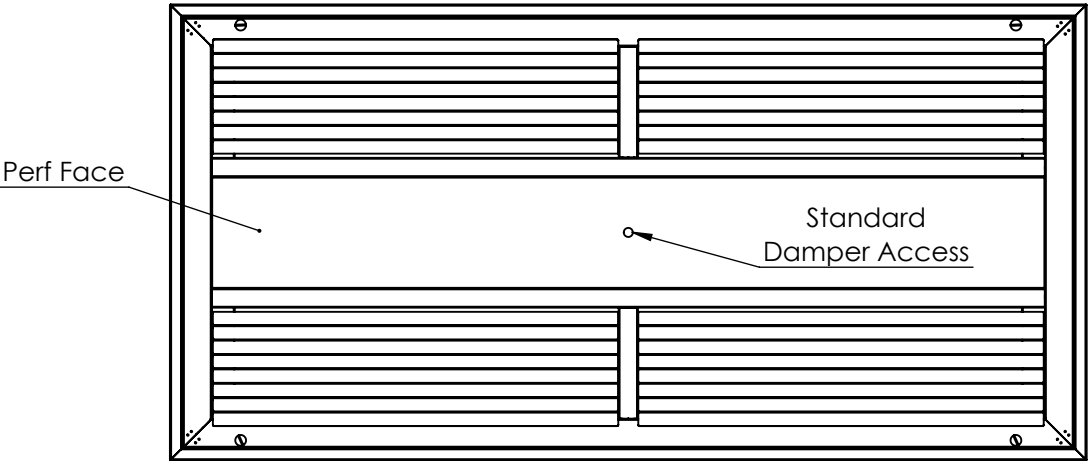


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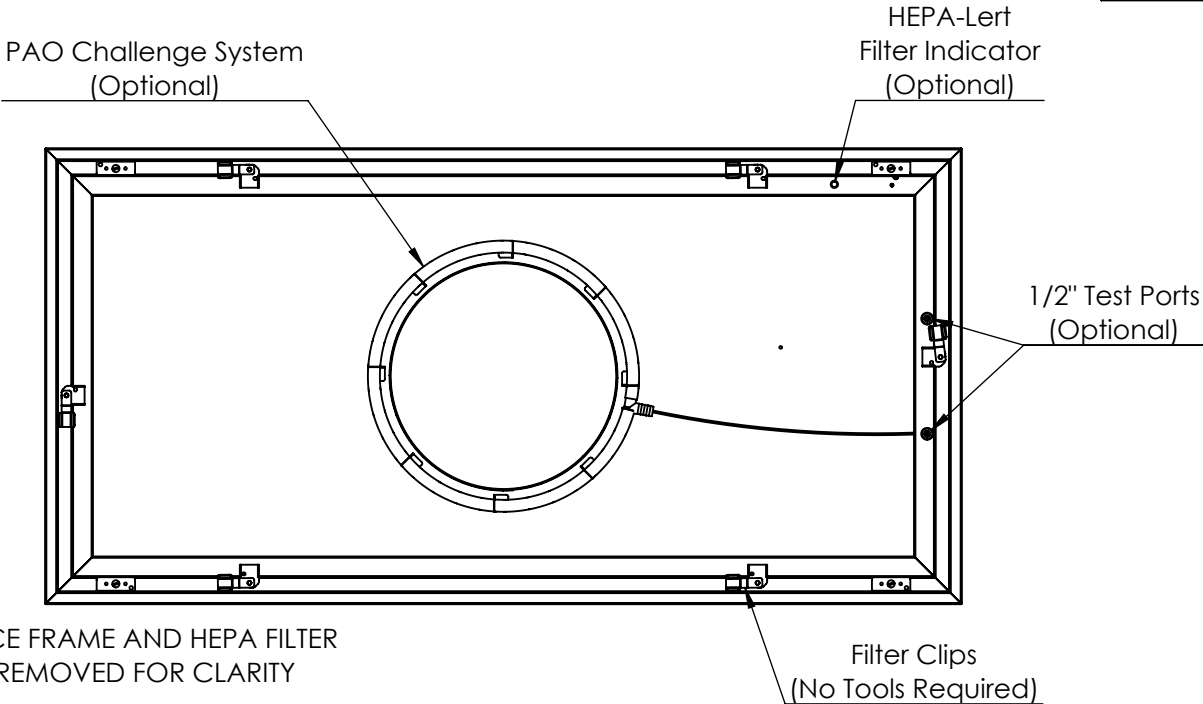


AJ MANUFACTURING CO. INC.
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Perf Face

Standard
Damper Access



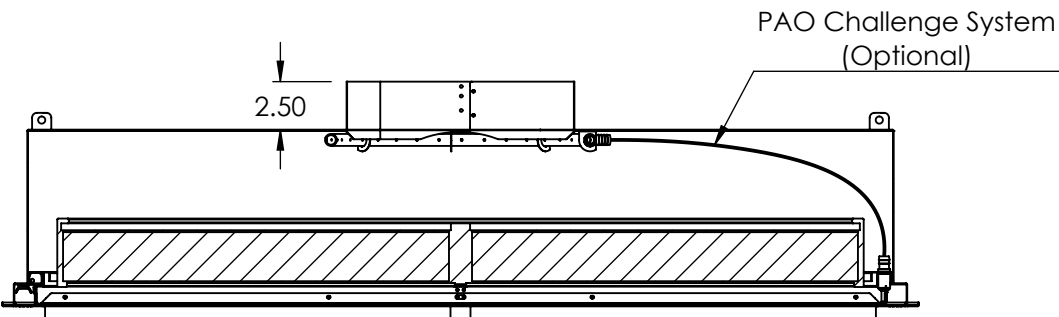
PAO Challenge System
(Optional)

HEPA-Lert
Filter Indicator
(Optional)

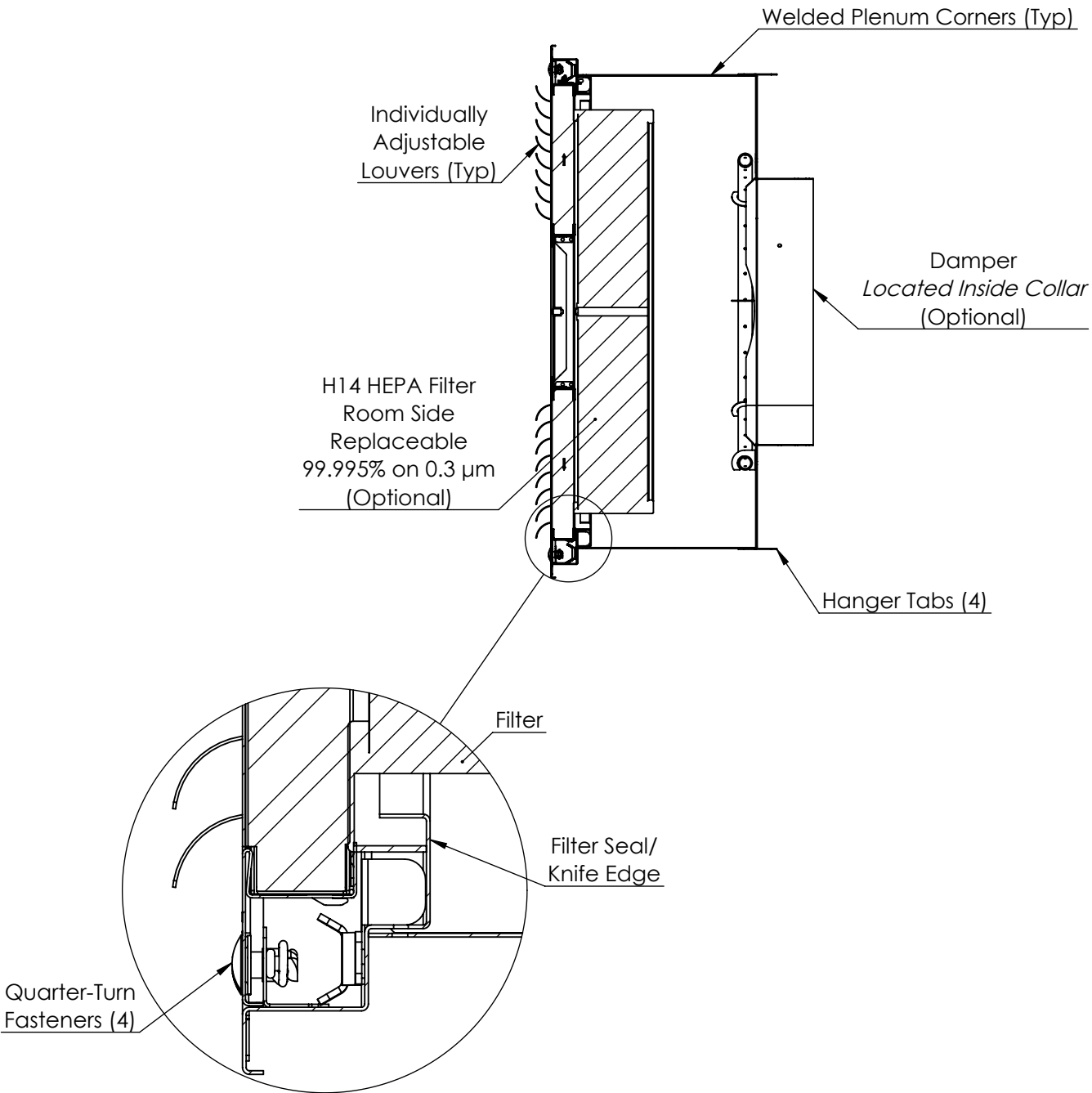
1/2" Test Ports
(Optional)

Filter Clips
(No Tools Required)

FACE FRAME AND HEPA FILTER
REMOVED FOR CLARITY



SECTION A-A



Welded Plenum Corners (Typ)

Individually
Adjustable
Louvers (Typ)

H14 HEPA Filter
Room Side
Replaceable
99.995% on 0.3 μ m
(Optional)

Damper
Located Inside Collar
(Optional)

Hanger Tabs (4)

Filter

Filter Seal/
Knife Edge

Quarter-Turn
Fasteners (4)