

CARES

CLEAN AIR ROOM EQUIPMENT SYSTEM NON-STRUCTURAL W/LED LIGHTING



AJ MANUFACTURING CO. INC.
8701 ELMWOOD AVE #400, KANSAS CITY, MO 64132
PH: 816.231.5522 / WWW.AJMFG.COM

STANDARD CONSTRUCTION

- Aluminum Extruded Grid w/Filter Gel Seal Knife Edge
 - White Antimicrobial Powder Coat Finish
- Frosted Light Lens Covers
- 23% Perforated Aluminum Diffuser Faces w/Quarter-Turn Fasteners
 - White Antimicrobial Powder Coat Finish
- Aluminum Slide Dampers Pre-Installed on all Diffuser Faces
- Plenum Modules w/Steel Frame Tube Supports & Steel Plate Skins
 - White Antimicrobial Powder Coat Finish
- Holes for 5/8" Suspension Hanging Rods
- LED Lighting and Fully Dimmable

LIGHTING OPTIONS

- System Power Requirement:

- 120V
- 277V
- 0-10V Dimming (*Standard*)

- LED Color Type:

- Color: White; Preset; 90+ CRI
 - 5000K (*Standard*)
 - 4000K
 - 3500K
- OR-
- Color: White; Full Color Tuning
 - 2700-6500K; 90+ CRI via 0-10VDC Dimmer

- Color: Perimeter Green; 525nm; 90+ CRI

- Lighting Zones:

- Color: White; Preset; 90+ CRI
 - Single Zone LED Lighting (*White Lighting Throughout*)
 - Double Zone LED Lighting (*White Perimeter & White Interior Lighting*)
 - Double Zone LED Lighting (*Green Perimeter & White Interior Lighting*)
 - Triple Zone LED Lighting (*Green Perimeter, White Perimeter, & White Interior Lighting*)

- Lighting Lens Cover:

- Frosted Lens (*Standard*)
- Clear Lens

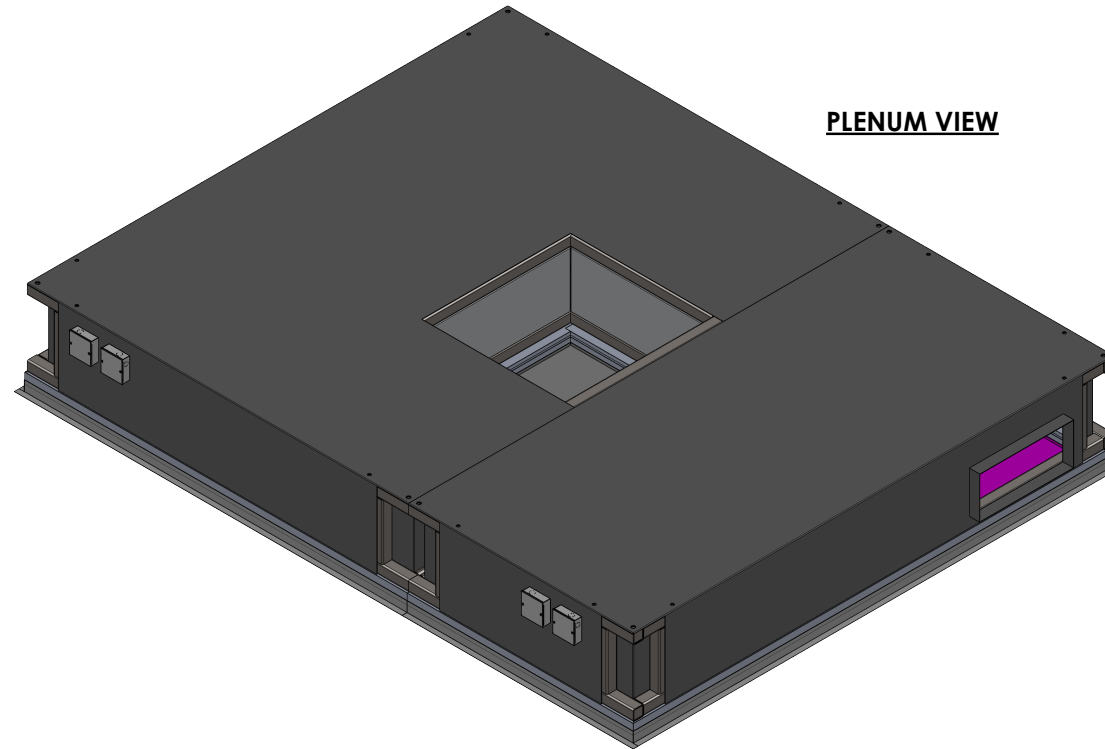
DIFFUSER FACE OPTIONS

- Diffuser Face Material:

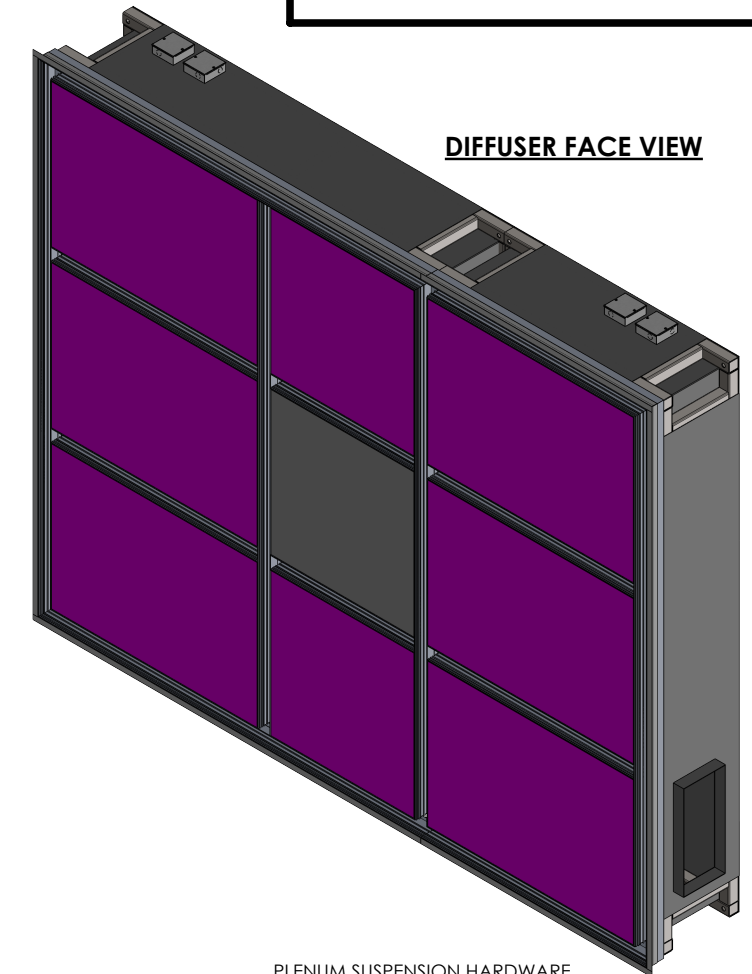
- Aluminum (Standard)
- 304 Stainless Steel
- 316 Stainless Steel
 - White Antimicrobial Powder Coat Finish (Standard)
 - Polish (Only Available on Stainless Steel)

- Diffuser Face Perf:

- 23% (Standard)
- 33%
- 51%



PLENUM VIEW



DIFFUSER FACE VIEW

FEATURE OPTIONS

- Filter w/Gel Seal (*Urethane*) - 41mm (*Roomside Replaceable*)
 - H14 HEPA Filter - 99.995% on 0.3 µm
 - ULPA Filter - 99.9995% on 0.12 µm
- LED Lighting Touchscreen Control Panel
- 1" Perimeter Trim (*Shipped Loose in 8'-0" Sections*)
- Insulation - Closed-Cell Elastomeric Foam
 - 1.5" - Factory Installed
 - 1.5" - Shipped Loose for Field Installation
- Sprinklers within the Plenum Modules (*Not typical within the Footprint of an OR System*)

MODULAR DETAILS FOR SUBMITTAL REQUEST

- Medical Equipment in the Ceiling of the Room
 - Provide Manufacturer, Drawings, and/or Location in the Room
- Architectural Drawings of the Project
- Room Details:
 - Room SQ Footage or Plenum CFM
 - Room Ceiling Height
 - Plenum ACH
 - Plenum Depth (*18"D is Standard*)
- Any Obstructions in the Ceiling (*Low Beams, Piping, etc.*)
- Any "Move-In" Path Requirements; Max Plenum Modules Size

