SS-CARES

CLEAN AIR ROOM EQUIPMENT SYSTEM
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
- Support of Medical Equipment in the Ceiling by Others
- Structural Calculations Provided for Diffuser System

STRUCTURAL SUPPORT OPTIONS

- Boom/Medical Equipment:
Manufacturer: _____
☐ Boom Mounts: Qty_____
☐ Other: _____

- Medical Equipment w/Rail Supports:
Manufacturer: _____
☐ Rail Mounts: Qty_____
☐ Other: _____

- Other Medical Equipment:
Manufacturer: _____
☐ Other: _____

LIGHTING OPTIONS

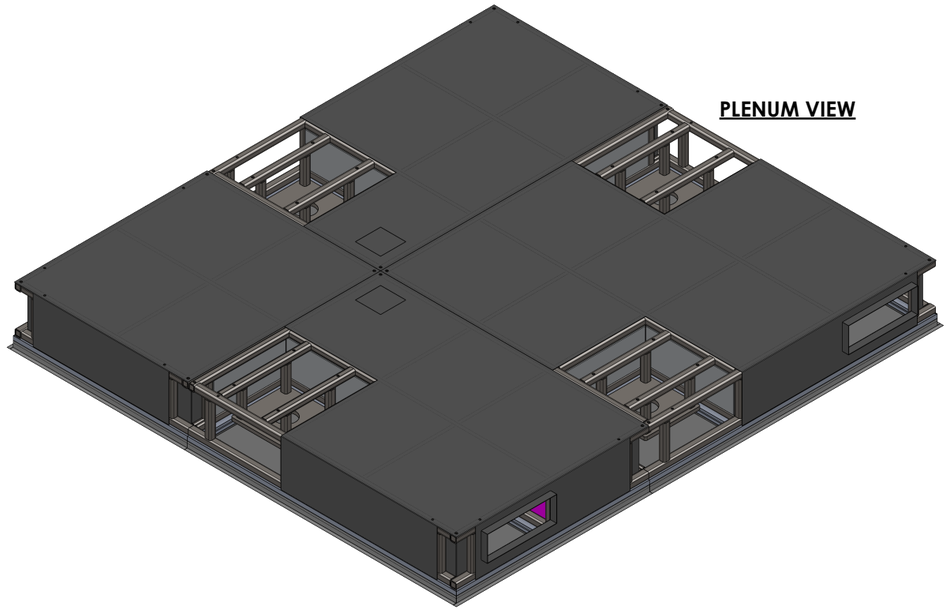
- System Power Requirement:
☐ 120V ☐ 277V ☐ 0-10V Dimming ***(Standard)***

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

☐ 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 Perimter, White Perimeter, & White Interior Lighting)*

- Lighting Lens Cover:
☐ Frosted Lens ***(Standard)*** ☐ Clear Lens



PLENUM VIEW

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)*

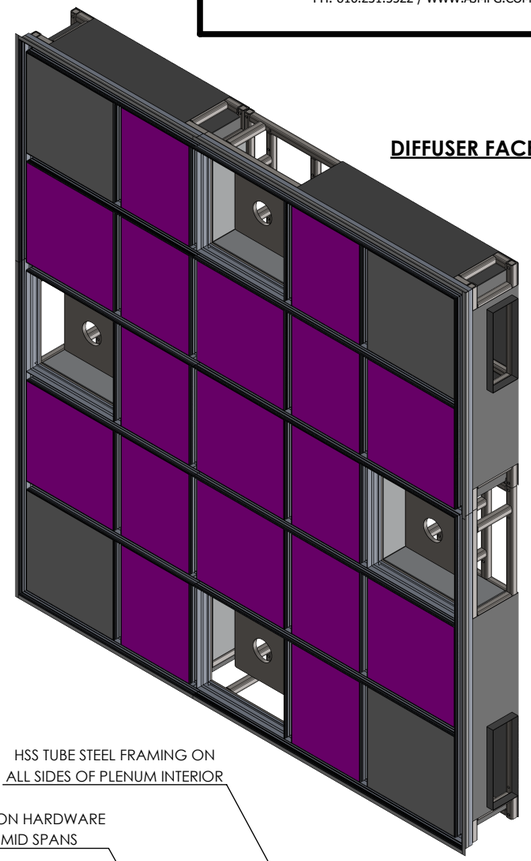
- Diffuser Face Perf:
☐ 23% **(Standard)** ☐ 33% ☐ 51%

FEATURE OPTIONS

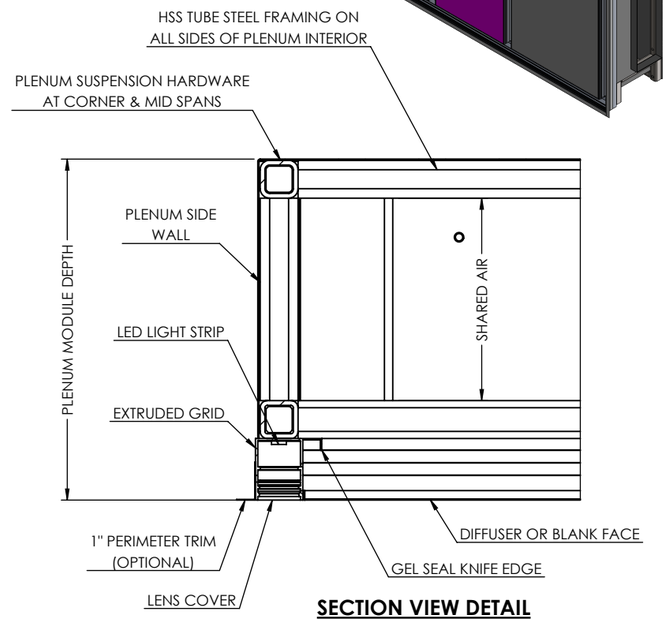
☐ Filter w/Gel Seal (Urethane) - 41mm *(Roomside Replaceable)*
☐ H14 HEPA Filter - 99.995% on 0.3 µm
☐ ULPA Filter - 99.9995% on 0.12 µm
☐ LED Lighting Touchscreen Control Panel
☐ 1" Perimeter Trim *(Shipped Loose in 8'-0" Sections)*
☐ Insulation - Closed-Cell Elastomeric Foam
☐ 1.5" - Factory Installed
☐ 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



DIFFUSER FACE VIEW



SECTION VIEW DETAIL