

SSLFHFD-FFU-RSR

FAN FILTER UNIT

ROOMSIDE REPLACEABLE

STANDARD CONSTRUCTION

- 304 Stainless Steel w/Filter Gel Seal Knife Edge
- Non-Ducted Inlet
- EC Motor with Backward Curved Composite Impeller
- 70mm Gel Seal H14 HEPA Filter - 99.995% on 0.3 µm, Room Side Replaceable
- 51% Perf Face
- Airflow Sensor
- Constant Volume
- Adjustable Face Control w/USB-C Port
- Seam Welded Plenum Corners
- Lay-In / Surface Mounting
- Walkable Plenum up to 250lbs
- Hanger Tabs for Unit Support Above Ceiling
- Integrated Controller, BAS Compatible with Modbus or BACnet Options and Real-Time CFM Monitoring

FEATURE OPTIONS

- ☐ Duct Collar Kit
 - ☐ Round - Size: _____
 - ☐ Oval - Size: _____
 - ☐ Rectangle - Size: _____
 - ☐ Flanged
- ☐ Foil Backed Insulation
 - ☐ 1.5" (R=4.2)
 - ☐ 2.25" (R=6.0)
- ☐ HEPA-Lert Filter Monitor
- ☐ Test Ports
 - ☐ 1 Port
 - ☐ 2 Ports
- ☐ PAO Challenge System (Requires 2 Test Ports)
- ☐ Continuous Filter Monitoring
- ☐ Touchscreen Wall Control (Up to 400 Units)
- ☐ Basic Wall Control (One Per Unit)
- ☐ Seismic Hanger Brackets (See Page 4) (for use with 3/8" threaded rod by others)
- ☐ Hinged Face Frame
- ☐ Hard Ceiling Clamping System

ORDER SIZE

W=_____ x H=_____

MATERIAL OPTIONS

- ☐ 316 Stainless Steel

FINISH OPTIONS

- ☐ Polished
- ☐ White Antimicrobial Powder Coat
- ☐ Other: _____

PRE-FILTER OPTIONS

- ☐ MERV 4 Washable
- ☐ MERV 8 Pleated

FILTER OPTIONS

- ☐ ULPA Filter - 99.9995% on 0.12 µm

MOTOR PROGRAM OPTIONS

- ☐ CFM Control
- ☐ RPM Control

FAN VOLTAGE OPTIONS

- ☐ 120VAC
- ☐ 240VAC
- ☐ 208VAC
- ☐ 277VAC

FAN CONTROL OPTIONS

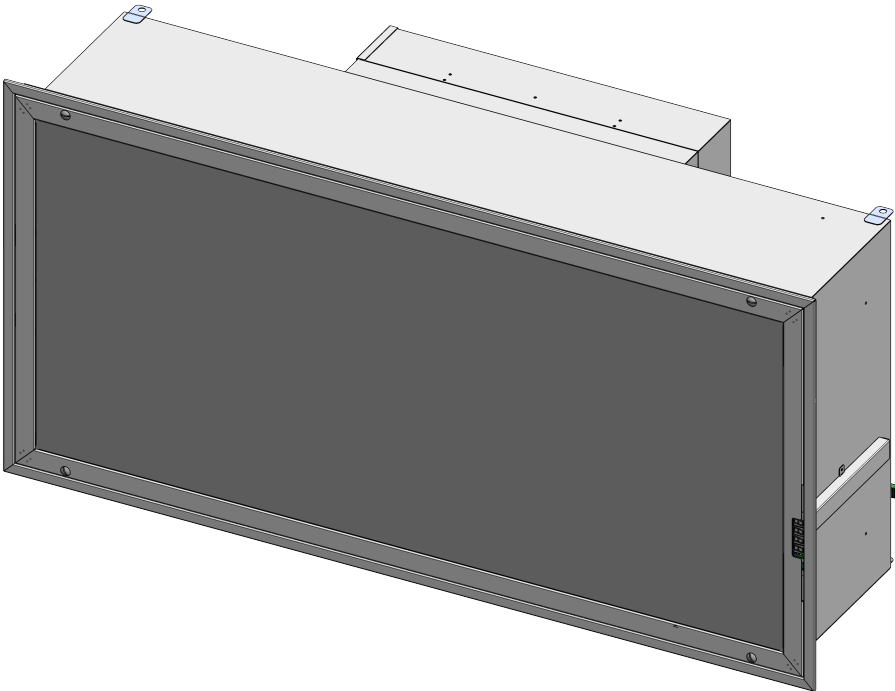
- ☐ MODBUS
 - ☐ RTU
 - ☐ IP
- ☐ BACnet
 - ☐ TCP/IP
 - ☐ MS/TP
- ☐ 0 - 10VDC Input

LIGHTING OPTIONS (See Page 3 of 4 for Additional Details)

- ☐ Color: White; Preset at 5000K; 90+ CRI
- ☐ Color: White; Preset; 90+ CRI
 - ☐ 2700
 - ☐ 3000
 - ☐ 3500
 - ☐ 4000
 - ☐ 4500
 - ☐ 5000
 - ☐ 6500
- ☐ Color: Tunable from 2700K-6500K via 0-10VDC Dimmer; 90+ CRI
- ☐ Other Color: _____
- ☐ Battery Backup
 - 20% of Light Output for up to 90 Minutes

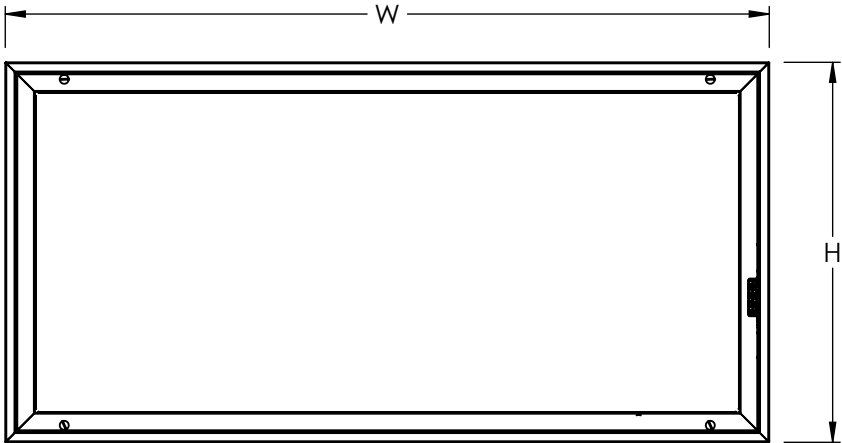
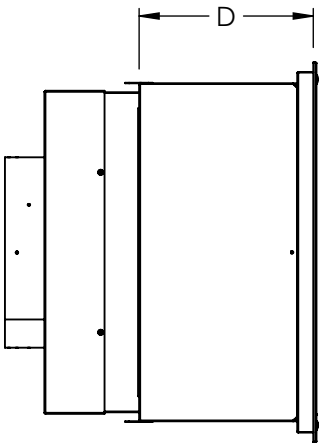
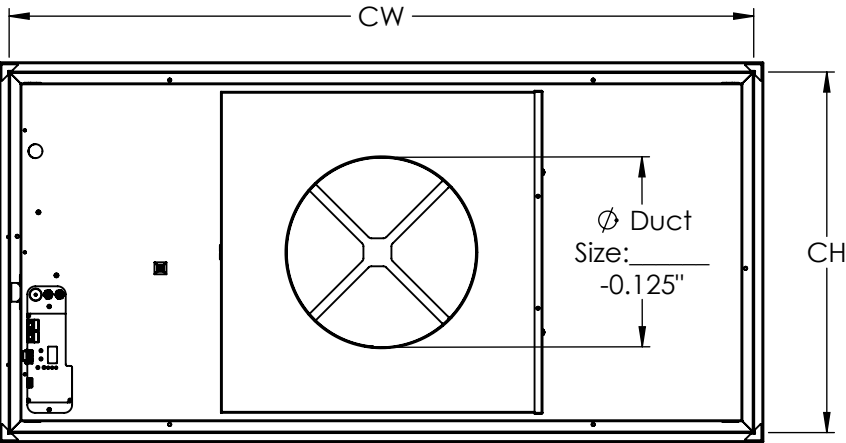


AJ MANUFACTURING CO.
8701 ELMWOOD AVE #400 KANSAS CITY, MO 64132
PH: 816.231.5522 FAX: 816.231.8437
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MOTOR/ FAN	FILTER	FILTER MEDIA DEPTH	NOMINAL UNIT SIZE	OVERALL WIDTH (W)	OVERALL HEIGHT (H)	DEPTH (D)	CUTOUT WIDTH (CW)	CUTOUT HEIGHT (CH)	ACTIVE FILTER FACE AREA (SQ.FT.)	MAX CFM	WATTS AT MAX CFM	CFM AT 100 FPM	WATTS AT 100 FPM *	SOUND AT 100 FPM (dBA)	FULL LOAD AMPS (FLA) (120/208/240/277)
ECM-BC	RSR	70mm	24 x 24	23.75	23.75	10.88	23.00	23.00	2.00	300	160	200	39	48	2.2/1.59/1.38/1.2
			36 x 24	35.75	23.75	10.88	35.00	23.00	3.42	500	210	342	49	50	
			48 x 24	47.75	23.75	10.88	47.00	23.00	4.84	750	230	484	50	51	

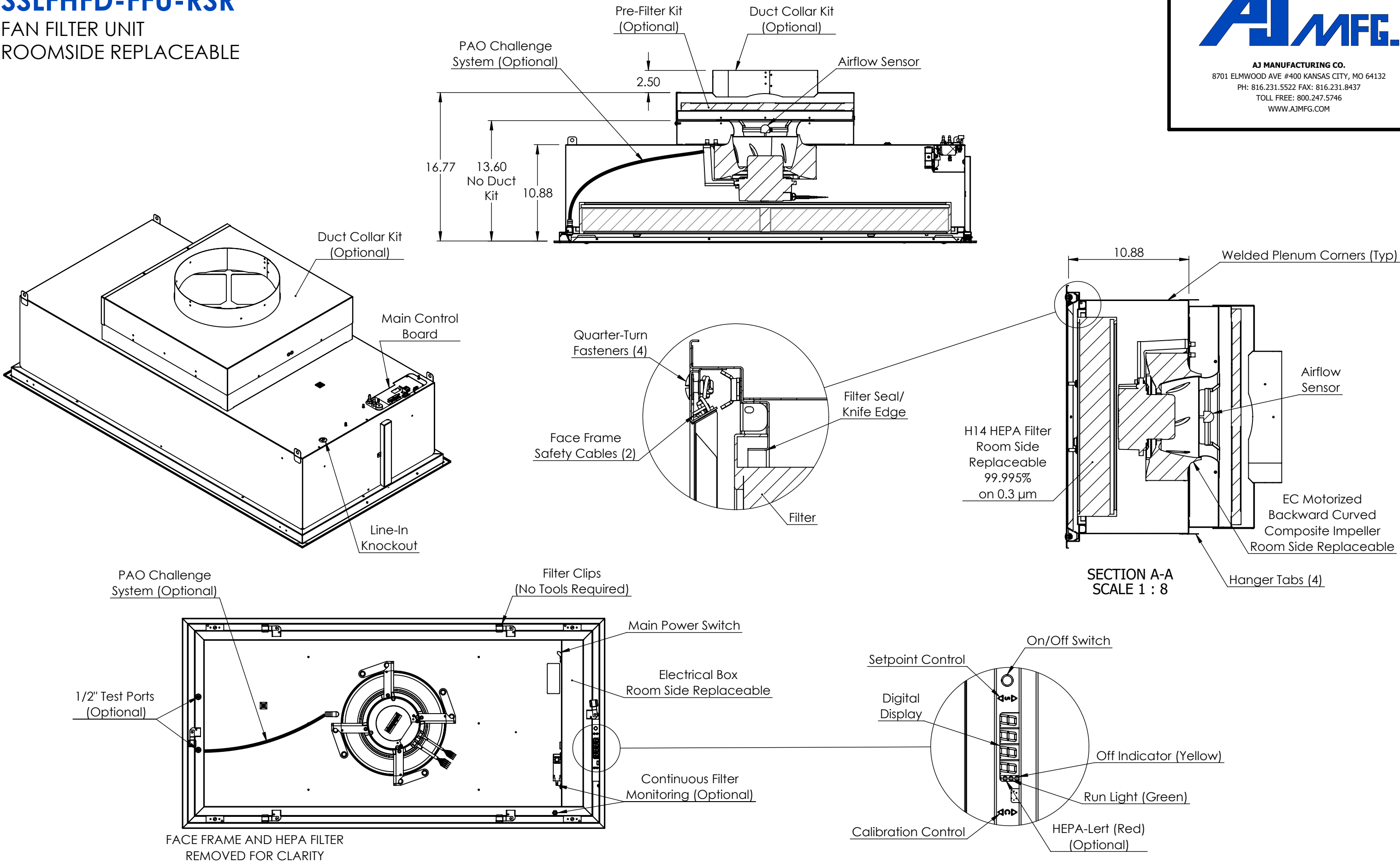
* Based on 60Hz, no Pre-Filter, 0.00" ESP



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SSLFHFD-FFU-RSR-LED

FAN FILTER UNIT W/LED LIGHTING
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MEETS THE FOLLOWING UL LISTINGS

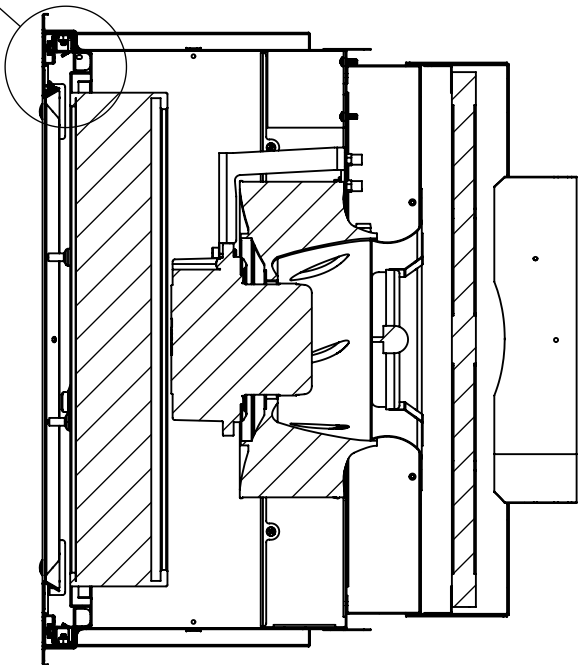
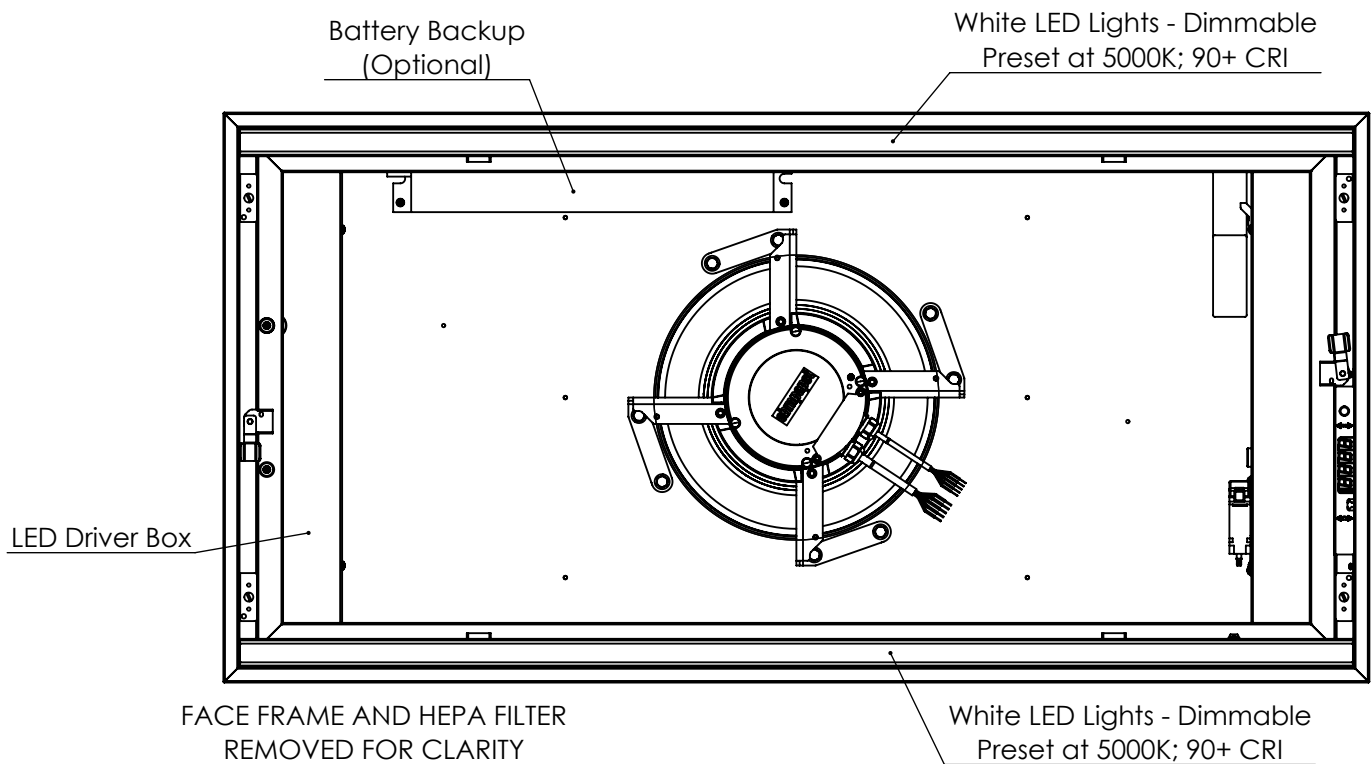
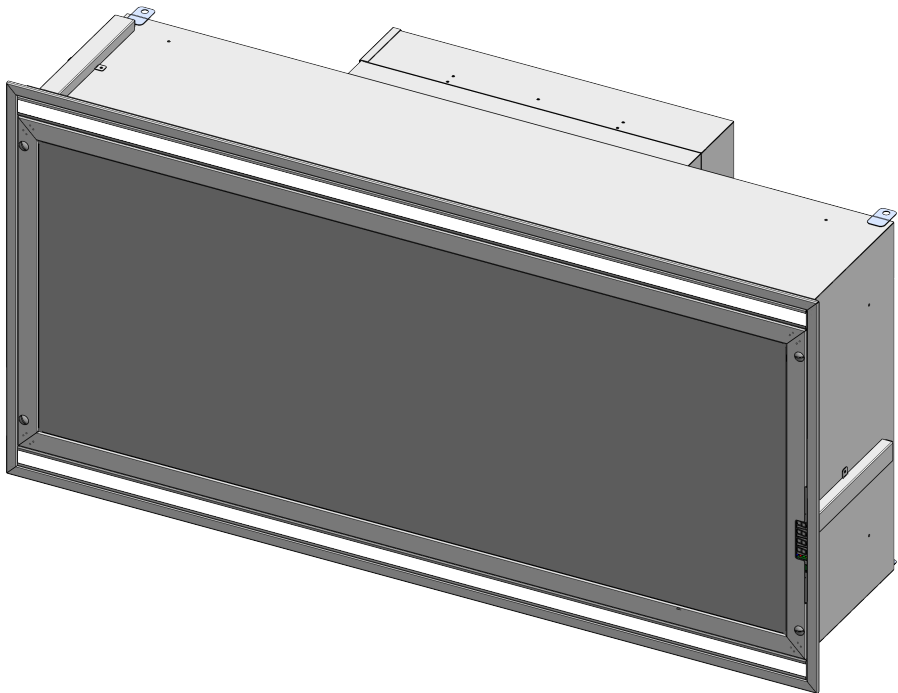
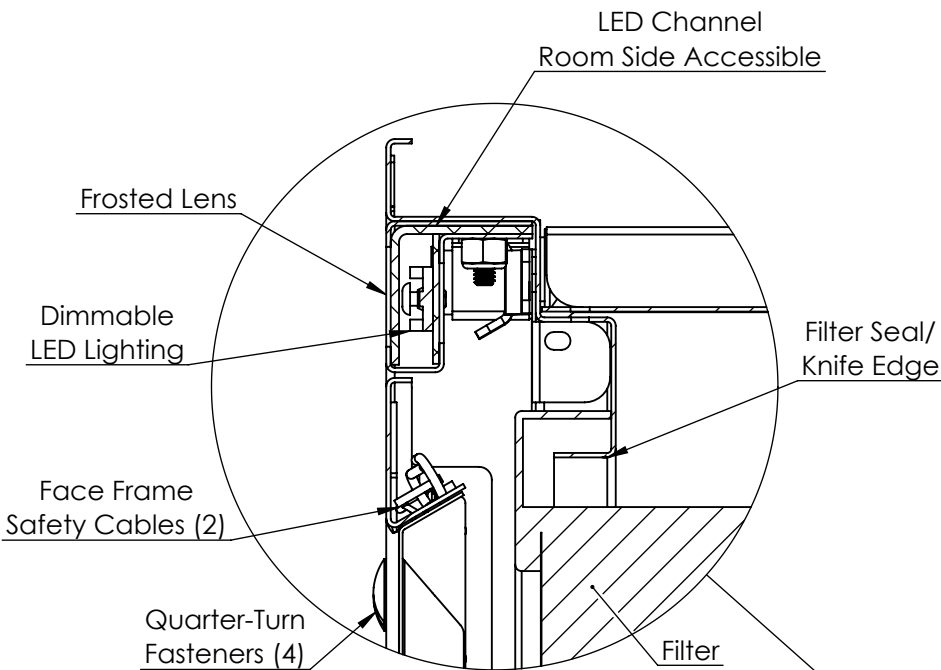
- UL 1598 - Standard for Safety Luminaires
- UL 2043 - Standard for Safety Fire Test
- UL 2108 - Standard for Low Voltage Lighting Systems
- UL 8750 - Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products
- UL 1310 - Standard for Class 2 Power Units
- UL 94 - Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances

LIGHTING SPECIFICATIONS

- Color: White; Preset at 5000K; 90+ CRI
- Dimmable LEDs Controlled via 0-10VDC Dimmer
- Driver - 60watt - Class 2 - 120V or 277V AC Input
- 120VAC = 0.50Amps per Driver **or**
- 277VAC = 0.25Amps per Driver



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SECTION B-B
SCALE 1 : 7

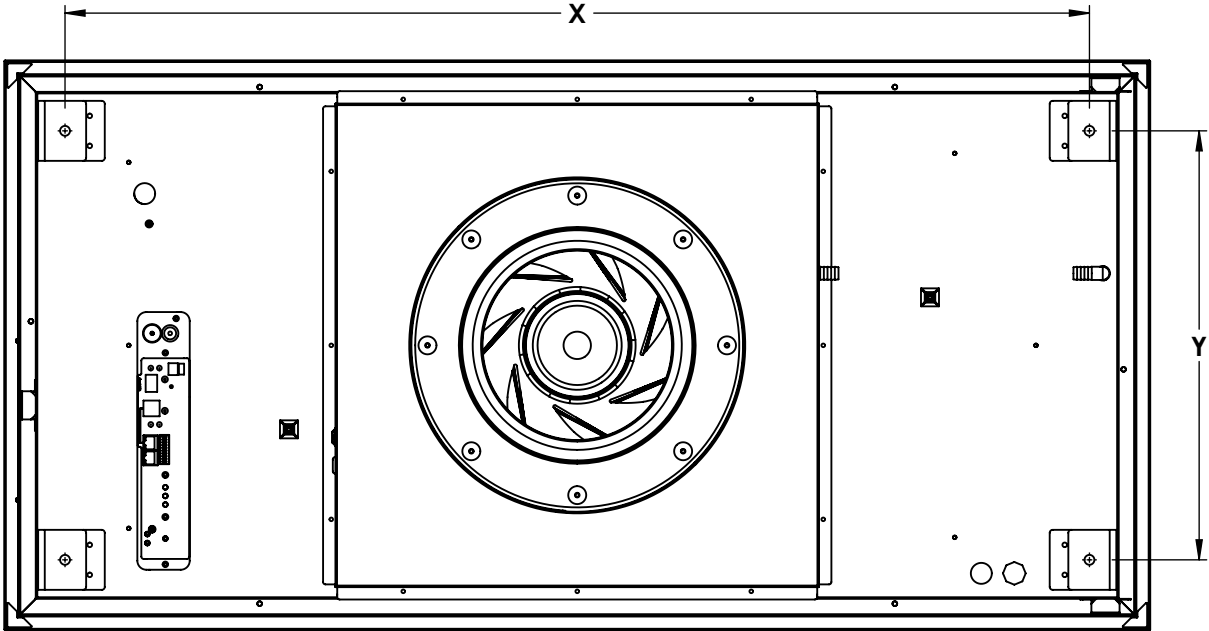
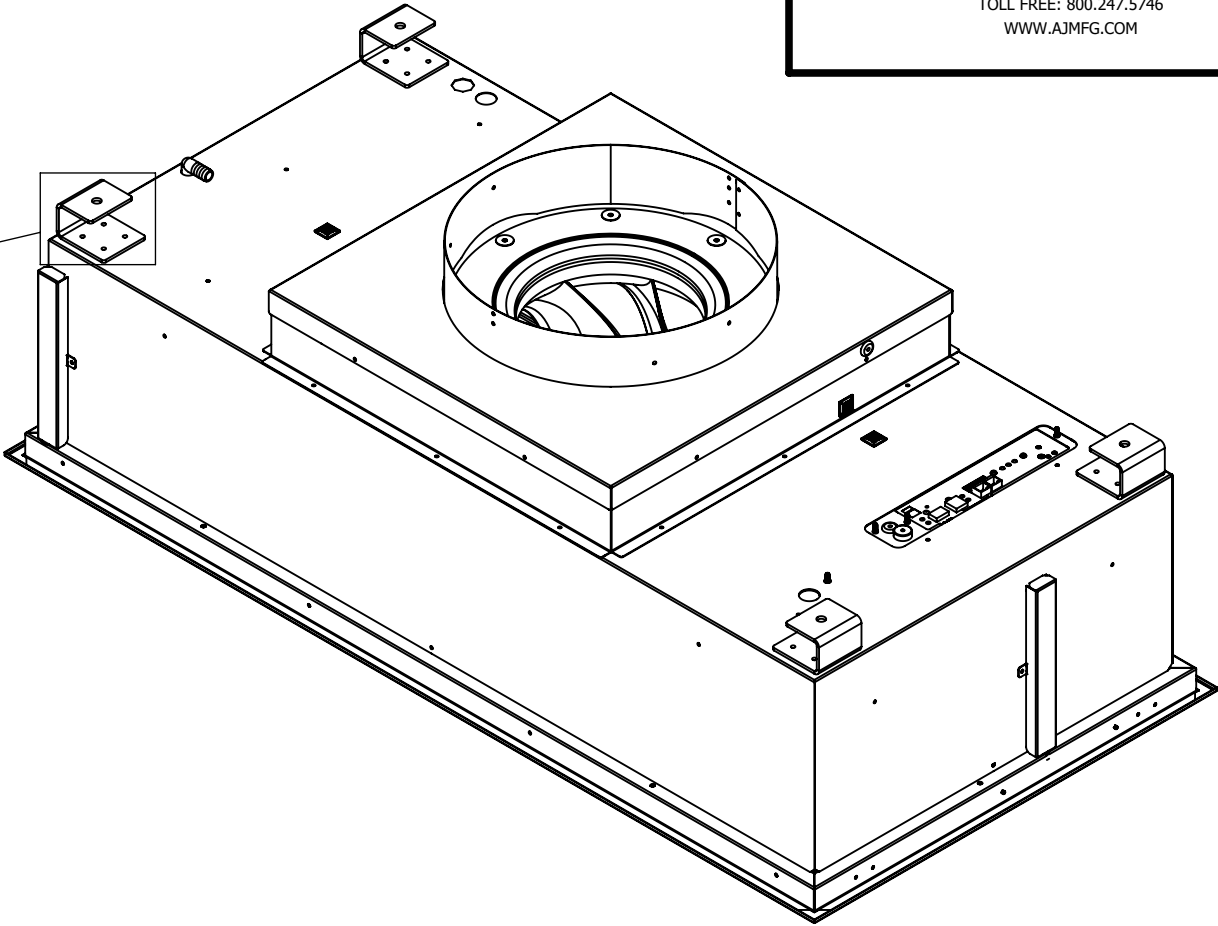
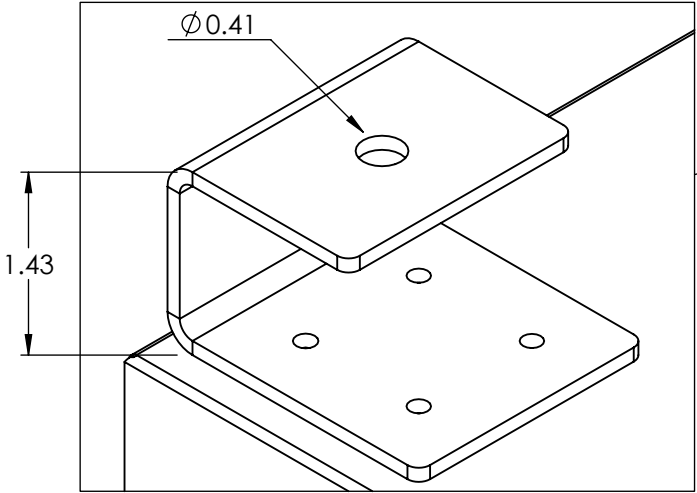
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SEISMIC BRACKET DETAIL

Certification Link: [Reference OSP-0730](#)



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NOMINAL UNIT SIZE	X	Y
48 x 24	42.68	17.87
36 x 24	30.68	17.87
24 x 24	18.68	17.87