SSLFHFD-FFU-RF-RSR
FAN FILTER UNIT - REVERSE FLOW
ROOMSIDE REPLACEABLE

STANDARD CONSTRUCTION
- 304 Stainless Steel w/Filter Gel Seal Knife Edge
- Non-Ducted Outlet
- EC Motor with Backward Curved Composite Impeler
- 70mm Gel Seal H14 HEPA Filter - 99.995% on 0.3 μm, Room Side Replaceable
- MERV 8 Pre-Filter
- 51% Perf Face
- Airflow Sensor
- Constant Volume
- Adjustable Face Control
- All-Welded Plenum Seams
- Lay-In / Surface Mounting
- Walkable Plenum up to 250lbs
- Hanger Tabs for Unit Support Above Ceiling

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
- ☐ 1 Test Port
- ☐ Continuous Filter Monitoring
- ☐ Touchscreen Wall Control *(Up to 400 Units)*
- ☐ Basic Wall Control *(One Per Unit)*
- ☐ Hinged Face Frame
- ☐ Hard Ceiling Clamping System

MATERIAL OPTIONS
- ☐ 316 Stainless Steel

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

FILTER OPTIONS
- ☐ ULPA Filter - 99.9995% on 0.12 μm

MOTOR PROGRAM OPTIONS
- ☐ CFM Control
- ☐ RPM Control

FAN VOLTAGE OPTIONS
- ☐ 120VAC   ☐ 240VAC
- ☐ 208VAC   ☐ 277VAC

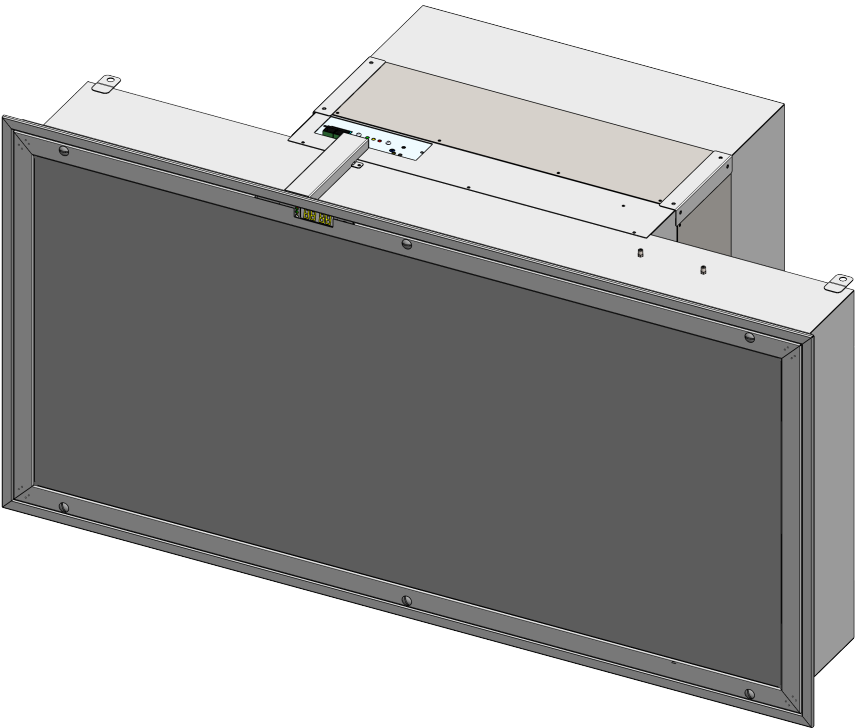## FAN CONTROL OPTIONS
- ☐ MODBUS
    - ☐ RTU   ☐ IP
- ☐ BACnet
    - ☐ TCP/IP   ☐ MS/TP
- ☐ 0 - 10VDC Input

LIGHTING OPTIONS *(See Page 3 of 3 for Additional Details)*
- ☐ Color: White; Preset at 5000K; 90+ CRI
- ☐ Color: White; Preset; 90+ CRI
    - ☐ 2700   ☐ 3000   ☐ 3500   ☐ 4000
    - ☐ 4500   ☐ 5000   ☐ 6500
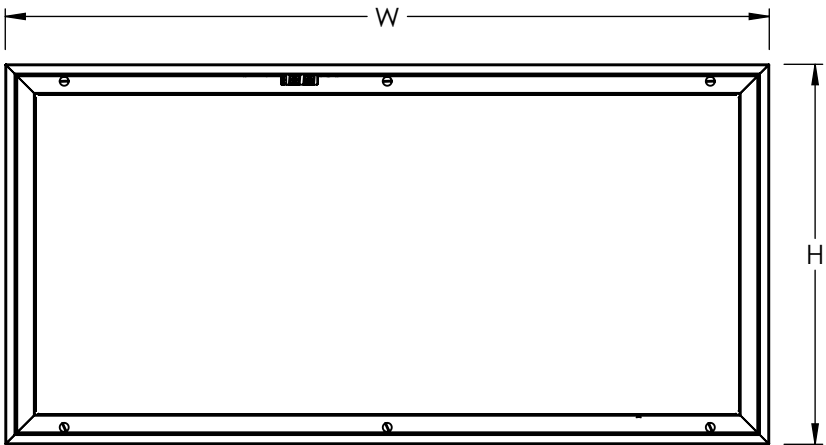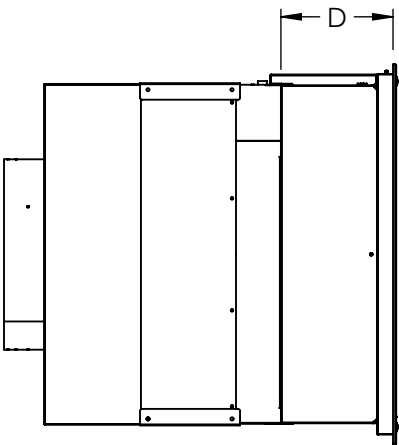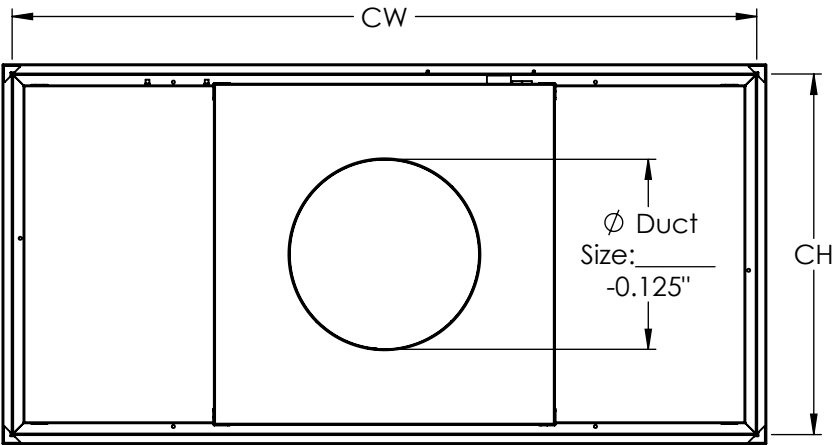- ☐ Color: Tunable from 2700K-6500K via 0-10VDC Dimmer; 90+ CRI
- ☐ Other Color:_____

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	7.00	23.00	23.00	2.00	350	160	200	39	48	2.2/1.59/1.38/1.2
			36 X 24	35.75	23.75	7.00	35.00	23.00	3.42	600	210	342	49	50	
			48 X 24	47.75	23.75	7.00	47.00	23.00	4.84	800	230	484	50	51	

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

Ø Duct Size:_____ -0.125"

SSLFHFD-FFU-RF-RSR
FAN FILTER UNIT - REVERSE FLOW
ROOMSIDE REPLACEABLE

Duct Collar Kit (Optional)

2.50

Perf Safety Cage for Unducted Applications

Discharge Plenum Positive Pressure

Continuous Filter Monitoring (Optional)

Filter Plenum Negative Pressure

21.81

15.81 No Duct Kit

7.00

Duct Collar Kit (Optional)

Main Control Board

Line-In Knockout

Hanger Tabs (4)

Quarter-Turn Fasteners (4)

Face Frame Safety Cables (2)

Filter Seal/ Knife Edge

Pre-Filter

Filter

7.00

Electrical Box Room Side Replaceable

H14 HEPA Filter Room Side Replaceable 99.995% on 0.3 μm

MERV 8 Pre-Filter

Airflow Sensor

All-Welded Plenum

EC Motorized Backward Curved Composite Impeller Room Side Replaceable

21.30

HEPA-Lert (Red) (Optional)

Run Light (Green)

Off Indicator (Yellow)

Calibration Control

Digital Display

On/Off Switch

Setpoint Control

Electrical Box Room Side Replaceable

Main Power Switch

Filter Clips (No Tools Required)

Continuous Filter Monitoring Port (Optional)

1/2" Test Port (Optional)

FACE FRAME AND HEPA FILTER REMOVED FOR CLARITY

SSLFHFD-FFU-RF-RSR-LED

FAN FILTER UNIT - REVERSE FLOW
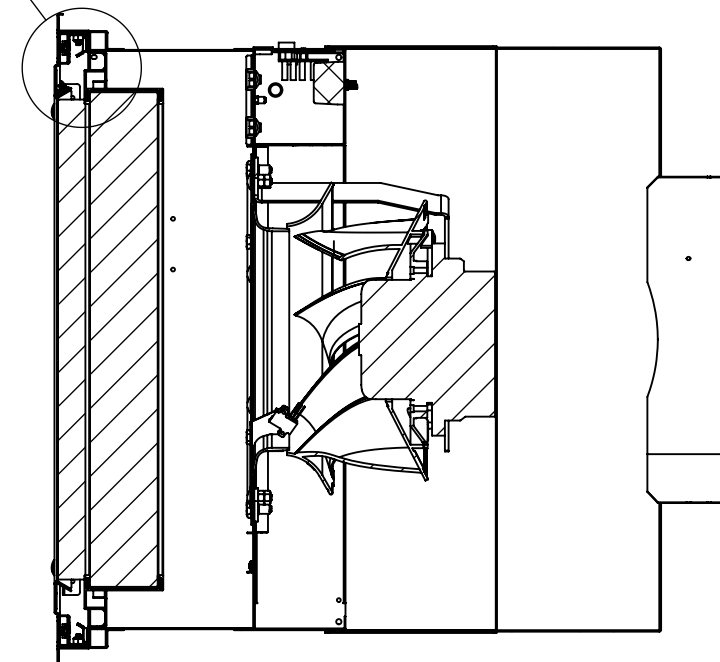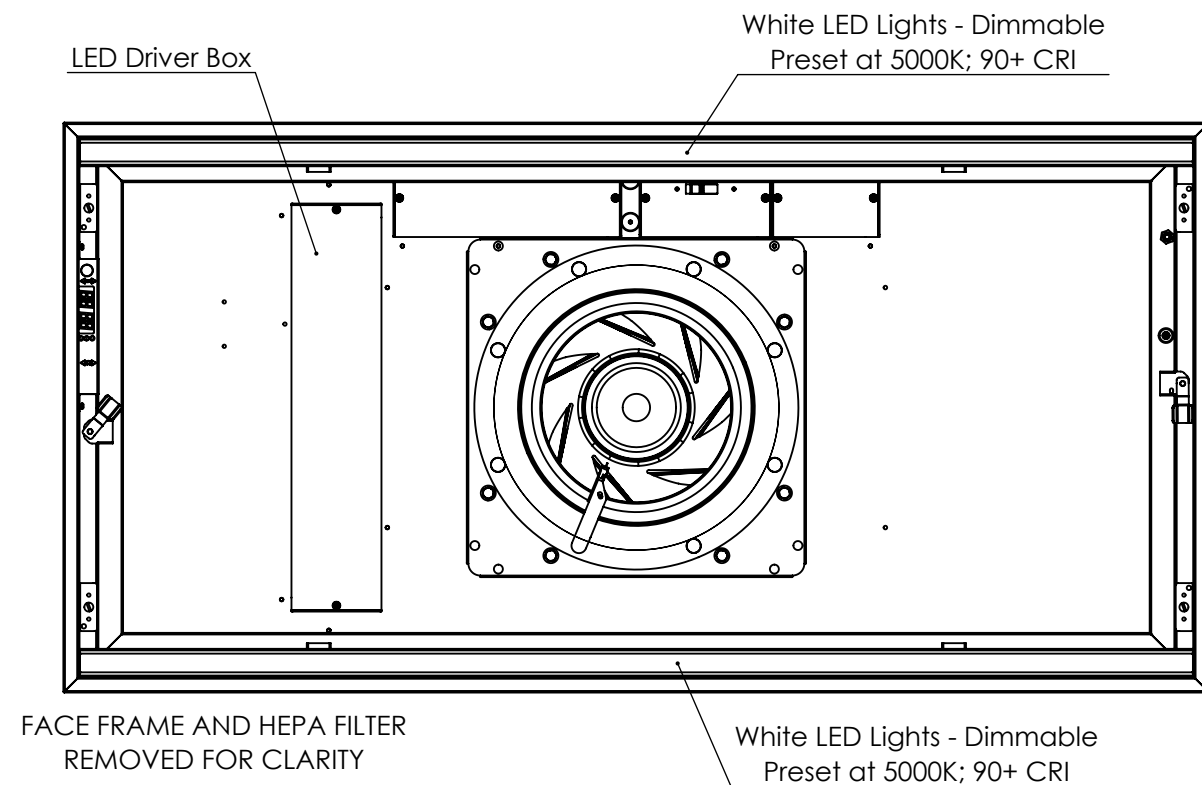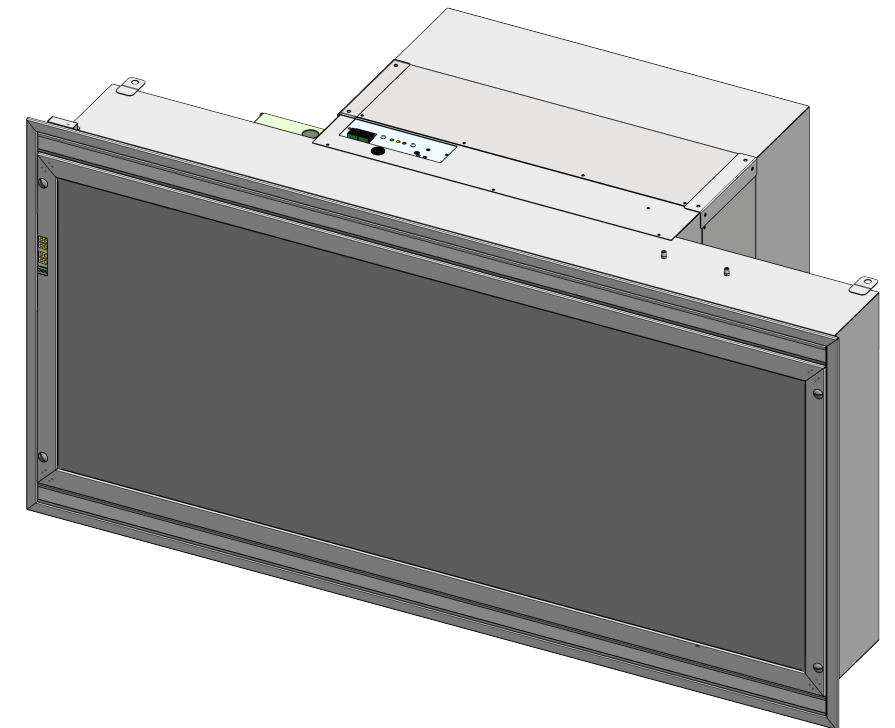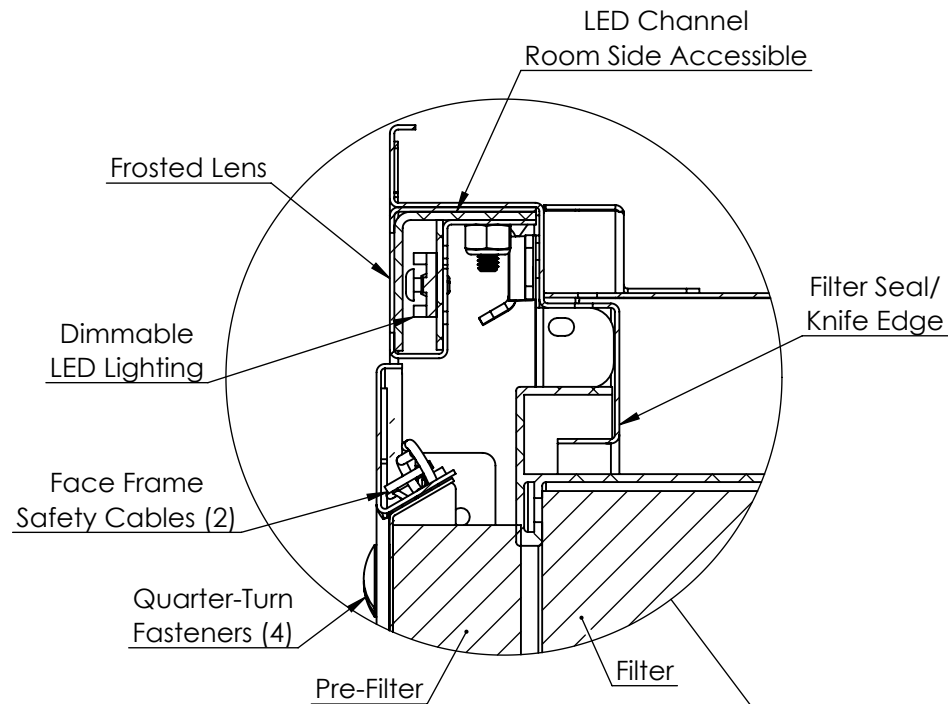## W/LED LIGHTING
ROOMSIDE REPLACEABLE

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 - 100watt - Class 2 - 100-277VAC Input
- 120VAC = 1.05Amps per Driver **or**
- 230VAC = 0.58Amps per Driver **or**
- 277VAC = 0.48Amps per Driver

LED Channel
Room Side Accessible

Frosted Lens

Dimmable
LED Lighting

Face Frame
Safety Cables (2)

Quarter-Turn
Fasteners (4)

Pre-Filter

Filter Seal/
Knife Edge

Filter

LED Driver Box

White LED Lights - Dimmable
Preset at 5000K; 90+ CRI

FACE FRAME AND HEPA FILTER
REMOVED FOR CLARITY

White LED Lights - Dimmable
Preset at 5000K; 90+ CRI

SECTION B-B
SCALE 1 : 7