

Comfort Systems USA (Arkansas), Inc.
P.O. Box 16620
Little Rock, AR 72231
Phone 501-834-3320
Fax 501-834-5416

Date: 07/14/2026
Return Request: 08/11/2026
Project: Highlands Building at Pinnacle Hills
Supplier: Comfort Systems USA
Manufacturer: Various
Submittal: Fan Filter Units
Submittal Number: 23 37 00-01
Drawing # and Installation: Mechanical

ARCHITECT

Crafton Tull
Fayetteville, Ar

ENGINEER

IMEG

GENERAL CONTRACTOR

Clark Contractors
Rogers, Ar

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
116 Commercial Ave.
Lowell, AR 72745
(479) 770.8992

NOTES:

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CSUSA PROJECT NO.
26-5034

jzuber@comfortar.com

Submittal

JOB NAME	Highlands Building at Pinnacle Hills Rogers
JOB NUMBER	26ADCA0017-1
PRODUCT	Fan Filter Units
MANUFACTURER	AJ Manufacturing
LOCATION	Rogers, AR
DATE	June 25, 2026
SPECIFICATION	23 37 00 2.10
LEAD TIME	7 Weeks
ENGINEER	IMEG
CONTRACTOR	Knight & Wilson
SUBMITTED BY	Chris Atwood

SSLFHFD-FFU-RSR

FAN FILTER UNIT
ROOMSIDE REPLACEABLE

TAGS: FFU-1,2,3,5,6,7,8,9



AJ MANUFACTURING CO.
8701 ELMWOOD AVE #400 KANSAS CITY, MO 64132
PH: 816.231.5522 FAX: 816.231.8437
TOLL FREE: 800.247.5746
WWW.AJMFG.COM

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

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

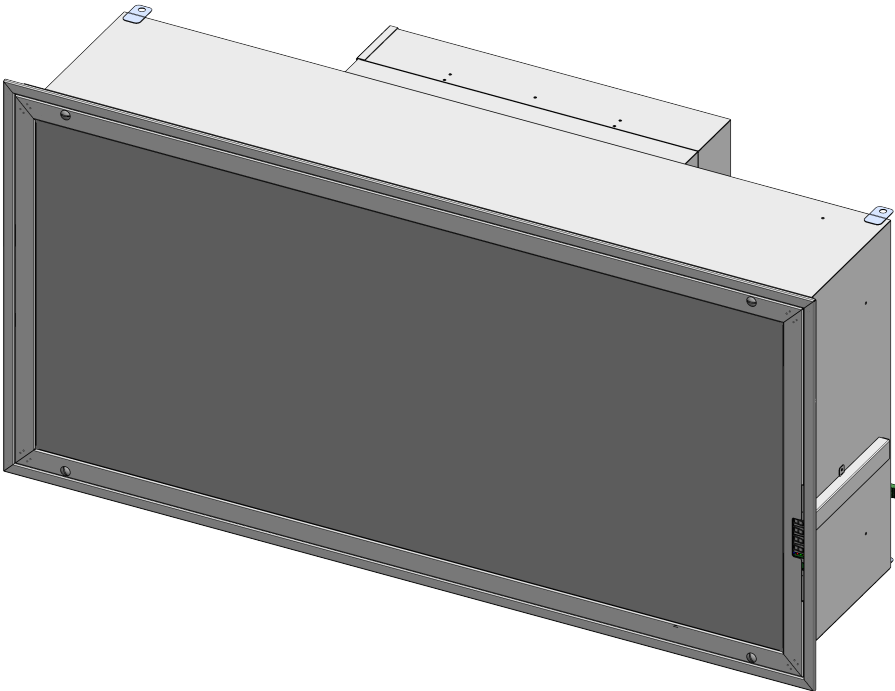
- ☐ 120VAC
- ☐ 240VAC
- ☐ 208VAC
- ☐ 277VAC

FAN CONTROL OPTIONS

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

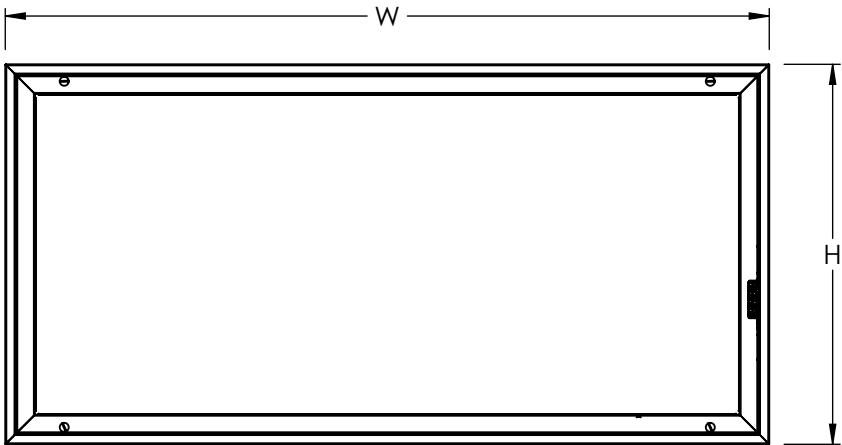
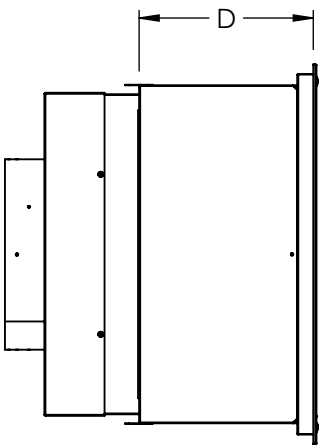
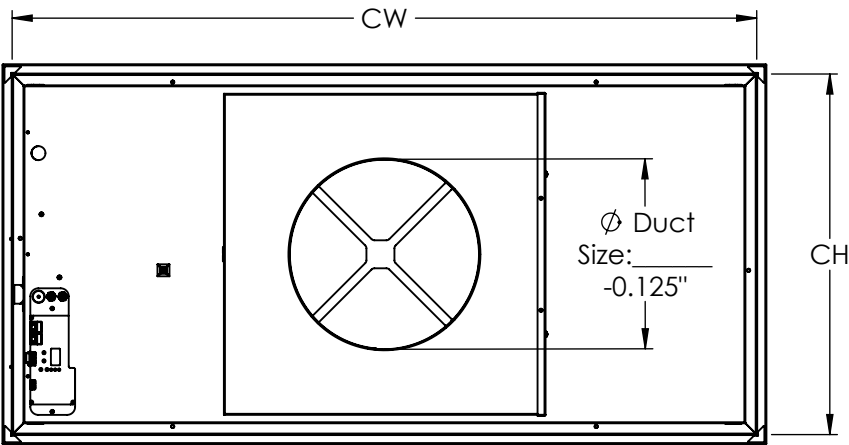
LIGHTING OPTIONS (See Page 3 of 4 for Additional Details)

- ☐ 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



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	

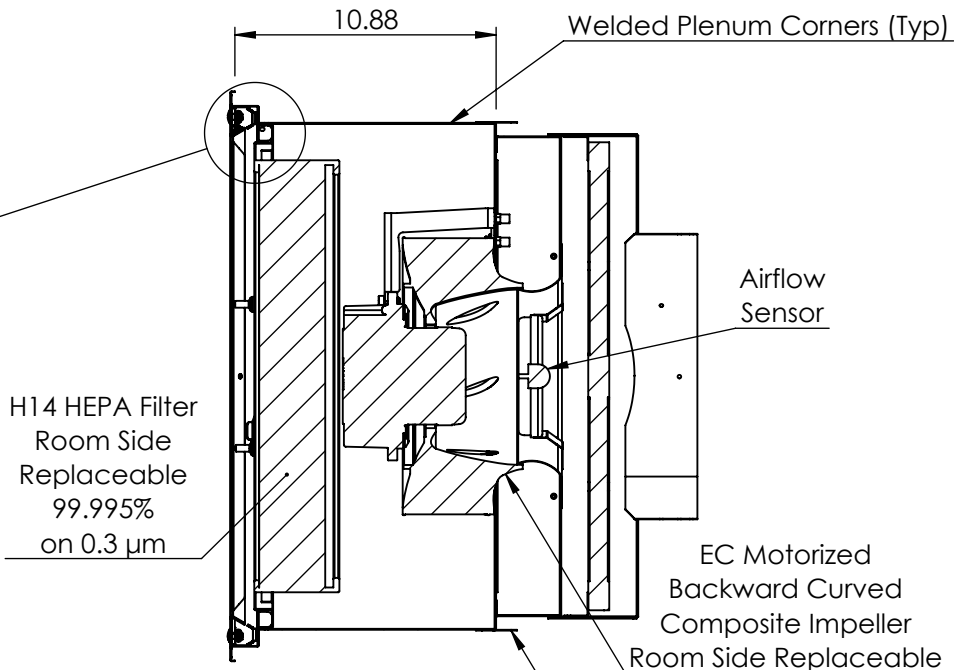
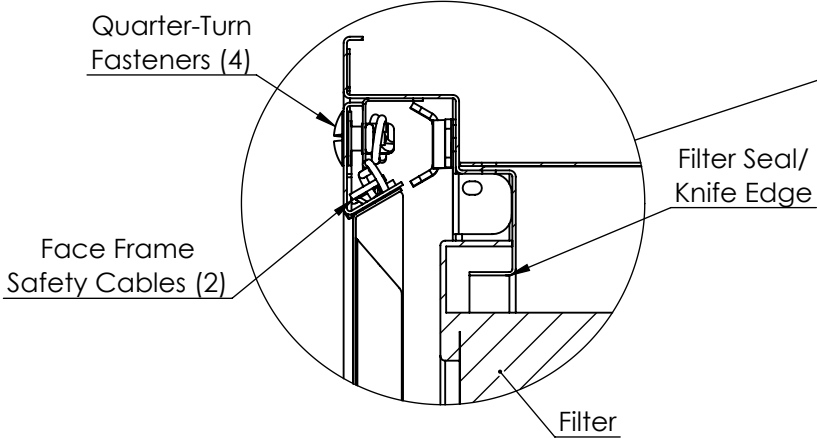
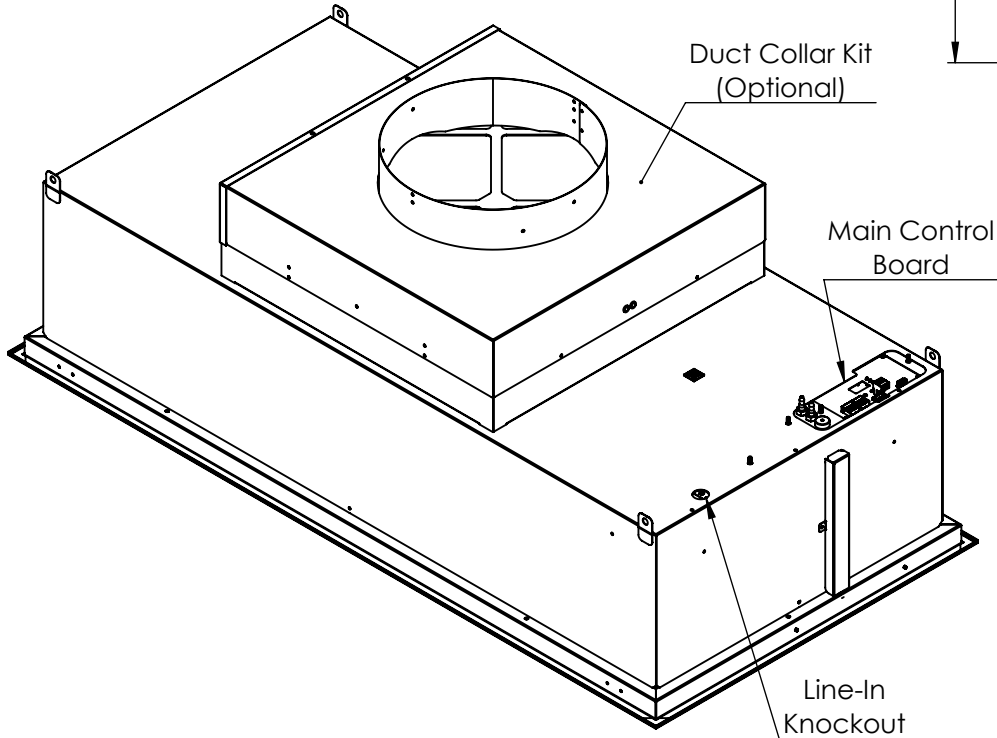
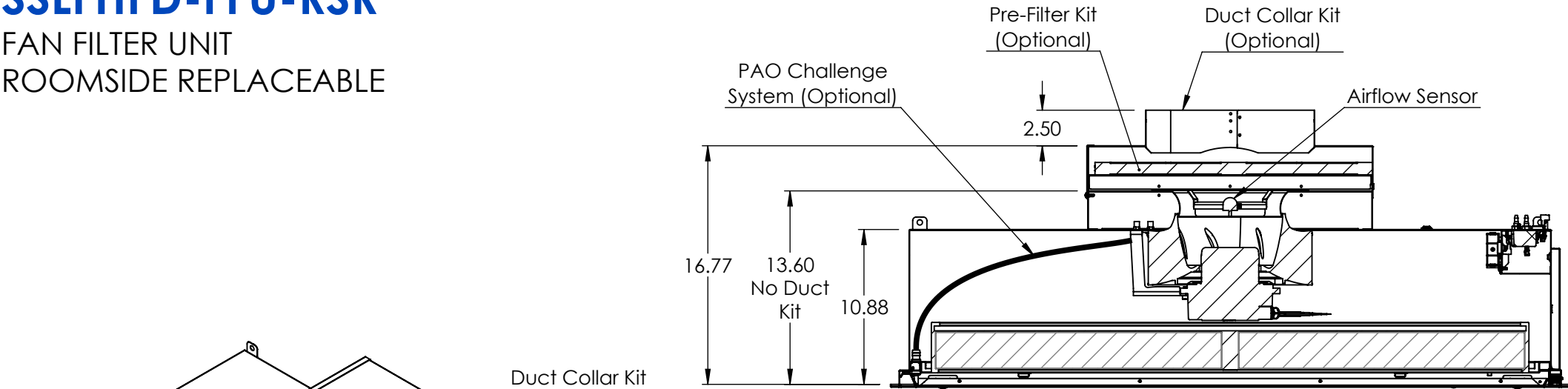
* Based on 60Hz, no Pre-Filter, 0.00" ESP



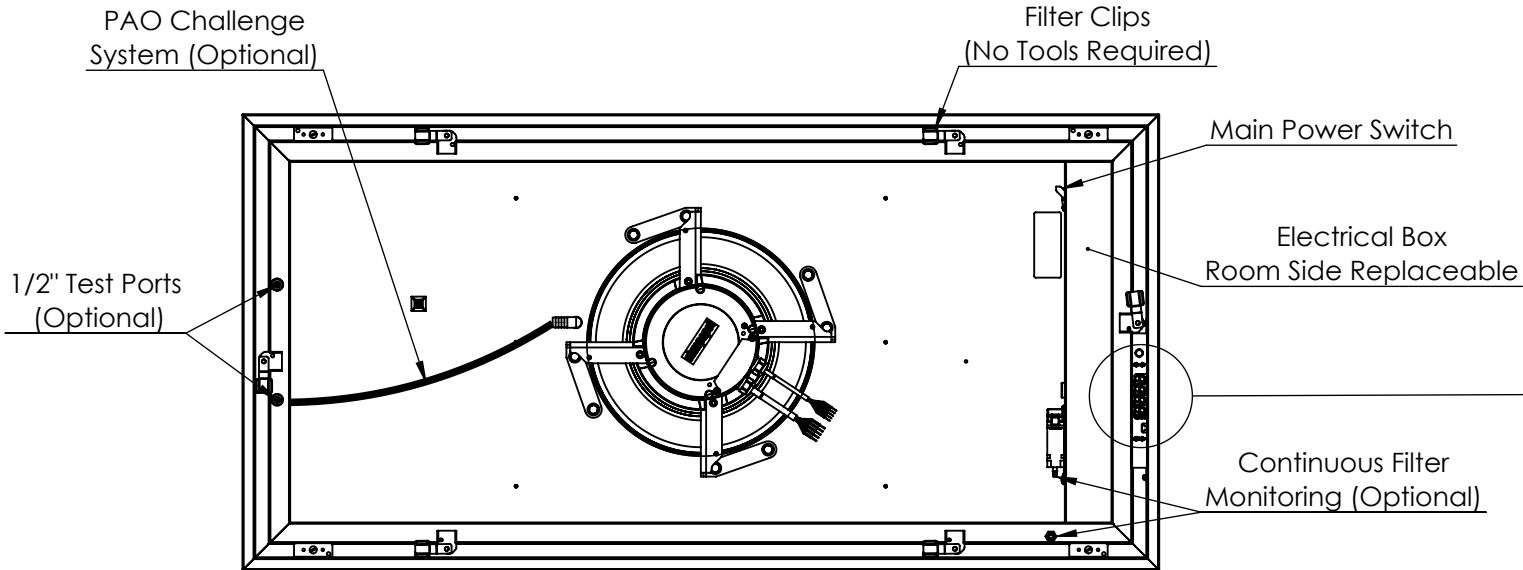
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SECTION A-A
SCALE 1 : 8



FACE FRAME AND HEPA FILTER
REMOVED FOR CLARITY

