

LFHFD-FFU-RSR

FAN FILTER UNIT

ROOMSIDE REPLACEABLE

STANDARD CONSTRUCTION

- Aluminum 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
- 3-Piece Plenum
- 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
- ☐ 2 Test Ports
- ☐ PAO Challenge System (Requires 2 Test Ports)
- ☐ Continuous Filter Monitoring
- ☐ Touchscreen Wall Control (Up to 400 Units)
- ☐ Basic Wall Control (One Per Unit)

ORDER SIZE

W=\_\_\_\_\_ x H=\_\_\_\_\_

FINISH OPTIONS

- ☐ Mill
- ☐ 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

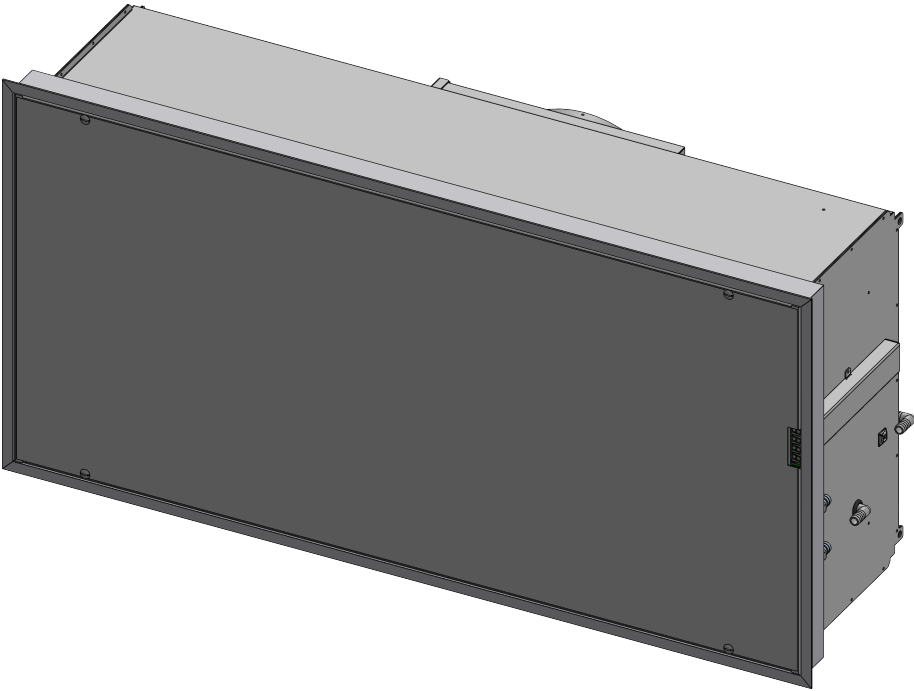
- ☐ 120VAC
- ☐ 240VAC
- ☐ 208VAC
- ☐ 277VAC

FAN CONTROL OPTIONS

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

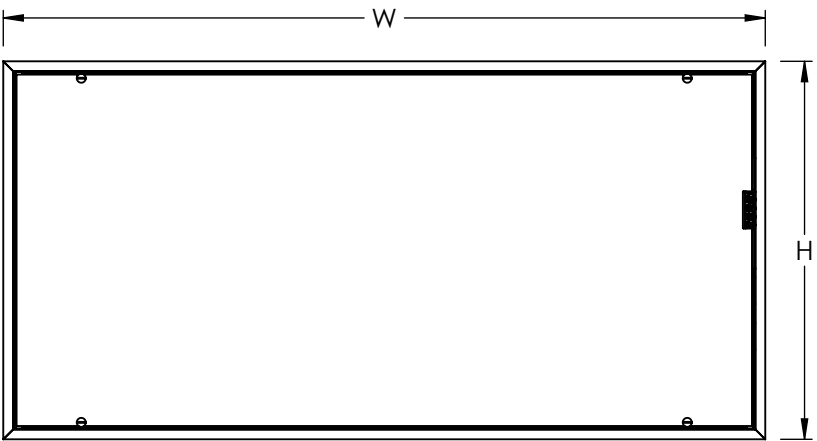
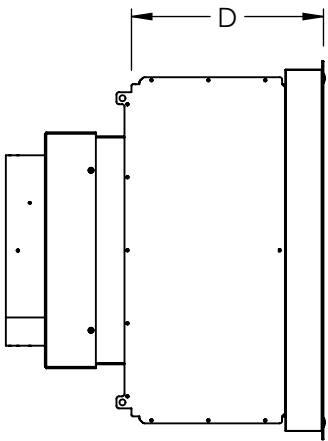
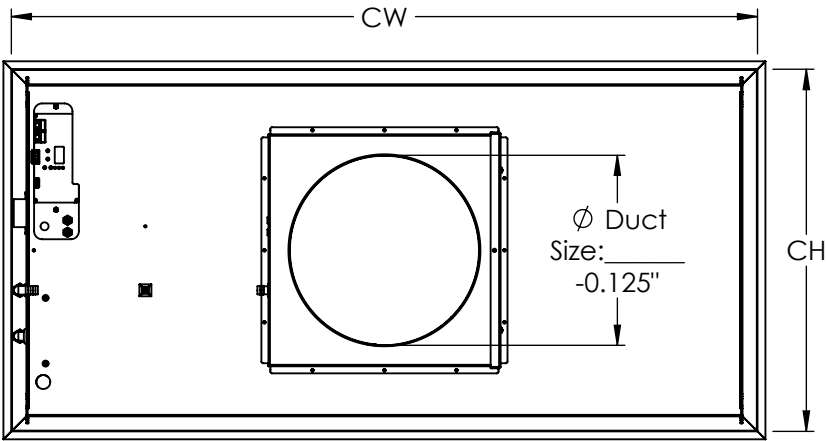


AJ MANUFACTURING CO. INC.  
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| MOTOR/ FAN | FILTER | FILTER MEDIA DEPTH | NOMINAL UNIT SIZE | OVERALL WIDTH (W) | OVERALL HEIGHT (H) | DEPTH (D) | CUTOUT WIDTH (CW) | CUTOUT HEIGHT (CH) | ACTIVE FILTER FACE AREA (SQ.FT.) | MAX CFM | WATTS AT MAX CFM | 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           | 23.625            | 23.625             | 12.00     | 22.75             | 22.75              | 2.00                             | 300     | 160              | 200            | 39                 | 48                     | 2.2/1.59/1.38/1.2                      |
|            |        |                    | 36 X 24           | 35.625            | 23.625             | 12.00     | 34.75             | 22.75              | 3.42                             | 500     | 210              | 342            | 49                 | 50                     |                                        |
|            |        |                    | 48 X 24           | 47.625            | 23.625             | 12.00     | 46.75             | 22.75              | 4.84                             | 750     | 230              | 484            | 50                 | 51                     |                                        |

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



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