**Fan Filter Unit - Reverse Flow**

Exhaust or Return, Room Side Removable Filter, Forward Curved Wheel, EC Motor

**STANDARD CONSTRUCTION:**
- Forward Curved Blower Wheel
- EC Motor, 50/60 Hz, 1 Phase
- Disconnect Switch
- Room Side Accessible Motor and Blower Assembly
- Room Side Removable Filter, Packaged Separately for Jobsite Installation by Others
- Extruded Aluminum Filter Frame with Urethane Gel
- Walkable Plenum (250 LBS)
- Lay in Ceiling Installation Only. For surface mount installation order separate HGMF Frame.

**See HGMF Submittal (271137)**

**PLENUM CONSTRUCTION:**
- Aluminum Penum, Extruded Knife Edge Frame
- Stainless Steel - 304 Penum & Knife Edge Frame

**FACE CONSTRUCTION:**
- Aluminum (Extruded Frame)
- Stainless Steel - 304 Perf Screen & Inner Frame

**PLENUM FINISH:**
- Washed Mill Aluminum
- B12 - Standard White
- Stainless Steel - 2B Penum & Stainless Steel - #4 Knife Edge (Optional Finish Available)

**FACE FINISH:**
- Washed Mill Aluminum
- B12 - Standard White
- #4 Stainless Steel (Optional Finish Available)

**FILTER:**
- HEPA, 99.99% @ 0.30 Micron, IEST RP CC001.5 Type C
- ULPA, 99.999% @ 0.12 Micron, IEST RP CC001.5 Type F

**OPTIONS:**
- Wall Mounted Speed Control (See FFUCS Submittal 269849)
- Power Cord (8ft 115V or 6ft 277V)
- 10" Round Duct Collar
- 12" Round Duct Collar
- MERV & Pre-Filter

**MOTOR PROGRAM:**
- Constant Flow
- Constant Torque

**MOTOR AND FILTER STATUS INDICATORS:**
- Tri-Color Face Mounted LED (Available w/BACnet Flow Controller Only)

**VOLTAGE:**
- 115V
- 208V
- 240V
- 277V

**SPEED CONTROL:**
- EC Motor Standard Speed Controller
- BACnet Flow Controller, Motor and Filter
- Status Over BACnet. See 265794 for Details

**PLENUM UNITS (INCHES):**

<table>
<thead>
<tr>
<th>UNIT SIZE</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>AREA (ft²)</th>
<th>MAX AMPS (115/208-240/277)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>23.625</td>
<td>47.625</td>
<td>18.000</td>
<td>5.3</td>
<td>4.4/2.7/2.4</td>
</tr>
</tbody>
</table>

**SI UNITS (mm):**

<table>
<thead>
<tr>
<th>UNIT SIZE</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>AREA (m²)</th>
<th>MAX AMPS (115/208-240/277)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>600</td>
<td>1210</td>
<td>457</td>
<td>0.49</td>
<td>4.4/2.7/2.4</td>
</tr>
</tbody>
</table>

**FILTER:**


---

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

**NOV 2020**

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Fan Filter Unit - Reverse Flow
2x4 Exhaust or Return, Room Side Removable Filter, Forward Curved Wheel, PSC Motor

Standard Construction:
- Forward Curved Blower Wheel
- PSC Motor, 60 Hz, 1 Phase
- PSC Motor Standard Universal Speed Controller
- Disconnect Switch
- Room Side Accessible Motor and Blower Assembly
- Room Side Removable Filter, Packaged Separately for Jobsite Installation by Others
- Extruded Aluminum Filter Frame with Urethane Gel
- Lay in Ceiling Installation Only. For Surface Mount Installation Order Separate HGFM Frame.
  See HGFM Submittal (271137)

Voltage:
- 115V
- 208V
- 240V
- 277V

Plenum Construction:
- ALUMINUM PLENUM, EXTRUDED KNIFE EDGE FRAME
- STAINLESS STEEL - 304 PLENUM & KNIFE EDGE FRAME

Face Construction:
- ALUMINUM (EXTRUDED FRAME)
- STAINLESS STEEL - 304 PERF SCREEN & INNER FRAME

Pleum Finish:
- WASHED MILL ALUMINUM
- B12 - STANDARD WHITE
- STAINLESS STEEL - 2B PLENUM & STAINLESS STEEL - #4 KNIFE EDGE (OPTIONAL FINISH AVAILABLE)

Face Finish:
- WASHED MILL ALUMINUM
- B12 - STANDARD WHITE
- #4 STAINLESS STEEL (OPTIONAL FINISH AVAILABLE)

Filter:
- HEPA, 99.99% @ 0.30 Micron, IEST RP CC001.5 TYPE C
- ULPA, 99.9995% @ 0.12 Micron, IEST RP CC001.5 TYPE F

Options:
- WALL MOUNTED SPEED CONTROL (SEE FFUCS SUBMITTAL 247779)
- POWER CORD (8ft 115V or 6ft 277V)
- 10" ROUND DUCT COLLAR
- 12" ROUND DUCT COLLAR
- MERV 8 PRE-FILTER

NOTE:
For ducted applications, reference FFU Service and Installation manual for balancing procedure.

Project:

Engineer:

Customer:

Submittal Date: SPEC. SYMBOL:

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Fan Filter Unit - Reverse Flow
2x2 Exhaust or Return, Room Side Removable Filter, Forward Curved Wheel, EC Motor

STANDARD CONSTRUCTION:
- Forward Curved Blower Wheel
- EC Motor, 50/60 Hz, 1 Phase
- Disconnect Switch
- Room Side Accessible Motor and Blower Assembly
- Room Side Removable Filter, Packaged Separately
- For Jobsite Installation by Others
- Extruded Aluminum Filter Frame with Urethane Gel
- Walkable Plenum (250 LBS)
- Lay in Ceiling Installation Only. For Surface Mount Installation Order Separate HGMF Frame.

SEE HGMF SUBMITTAL (271137)

VOLTAGE:       SPEED CONTROL:
☐ 115V       ☐ EC Motor Standard Speed Controller
☐ 208V       ☐ BACnet Flow Controller, Motor and Filter
☐ 240V       ☐ Status Over BACnet. See 265794 for Details
☐ 277V

PLENUM CONSTRUCTION:
☐ Aluminum Plenum, Extruded Knife Edge Frame
☐ Stainless Steel - 304 Plenum & Knife Edge Frame

FACE CONSTRUCTION:
☐ Aluminum (Extruded Frame)
☐ Stainless Steel - 304 Perf Screen & Inner Frame

PLENUM FINISH:
☐ Washed Mill Aluminum
☐ B12 - Standard White
☐ Stainless Steel - 2B Plenum & Stainless Steel - #4 Knife Edge
(Option Finish Available)

FACE FINISH:
☐ Washed Mill Aluminum
☐ B12 - Standard White
☐ #4 Stainless Steel
(Option Finish Available)

FILTER:
☐ HEPA, 99.99% @ 0.30 Micron, IEST RP CC001.5 TYPE C
☐ ULPA, 99.9995% @ 0.12 Micron, IEST RP CC001.5 TYPE F

OPTIONS:
☐ Wall Mounted Speed Control (See FFUCS Submittal 269849)
☐ Power Cord (8ft 115V or 6ft 277V)
☐ 12ft RJ45 Network Cable (For Daisy Chain on BACnet Option Only)
☐ 35ft RJ45 Network Cable (For Daisy Chain on BACnet Option Only)
☐ 8" Round Duct Collar
☐ 10" Round Duct Collar
☐ 12" Round Duct Collar
☐ MERV 8 Pre-Filter

MOTOR PROGRAM:
☐ Constant Flow
☐ Constant Torque

MOTOR AND FILTER STATUS INDICATORS:
☐ Tri-Color Face Mounted LED (Available w/BACnet Flow Controller Only)


PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL: OCT 2020

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Fan Filter Unit - Reverse Flow
2x2 Exhaust or Return, Room Side Removable Filter, Forward Curved Wheel, PSC Motor

STANDARD CONSTRUCTION:
- FORWARD CURVED BLOWER WHEEL
- PSC MOTOR, 60 Hz, 1 PHASE
- PSC MOTOR STANDARD UNIVERSAL SPEED CONTROLLER
- DISCONNECT SWITCH
- ROOM SIDE ACCESSIBLE MOTOR AND BLOWER ASSEMBLY
- ROOM SIDE REMOVABLE FILTER, PACKAGED SEPARATELY FOR JOBSITE INSTALLATION BY OTHERS
- EXTRUDED ALUMINUM FILTER FRAME WITH URETHANE GEL
- WALKABLE PLENUM (250 LBS)
- LAY IN CEILING INSTALLATION ONLY. FOR SURFACE MOUNT INSTALLATION ORDER SEPARATE HGMF FRAME.
SEE HGMF SUBMITTAL (271137)

VOLTAGE:
- 115V
- 208V
- 240V
- 277V

PLENUM CONSTRUCTION:
- ALUMINUM PLENUM, EXTRUDED KNIFE EDGE FRAME
- STAINLESS STEEL - 304 PLENUM & KNIFE EDGE FRAME

FACE CONSTRUCTION:
- ALUMINUM (EXTRUDED FRAME)
- STAINLESS STEEL - 304 PERF SCREEN & INNER FRAME

PLENUM FINISH:
- WASHED MILL ALUMINUM
- B12 - STANDARD WHITE
- STAINLESS STEEL - 2B PLENUM & STAINLESS STEEL - #4 KNIFE EDGE (OPTIONAL FINISH AVAILABLE)

FACE FINISH:
- WASHED MILL ALUMINUM
- B12 - STANDARD WHITE
- #4 STAINLESS STEEL (OPTIONAL FINISH AVAILABLE)

FILTER:
- HEPA, 99.99% @ 0.30 MICRON, IEST RP CC001.5 TYPE C
- ULPA, 99.9995% @ 0.12 MICRON, IEST RP CC001.5 TYPE F

OPTIONS:
- WALL MOUNTED SPEED CONTROL (SEE FFUCS SUBMITTAL 269849)
- POWER CORD (8ft 115V or 6ft 277V)
- 8" ROUND DUCT COLLAR
- 10" ROUND DUCT COLLAR
- 12" ROUND DUCT COLLAR
- MERV 8 PRE-FILTER


PROJECT:

ENGINEER:  
CUSTOMER:  
SUBMITTAL DATE:  
SPEC. SYMBOL:  
OCT 2020  
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