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

**IMPERIAL UNITS (INCHES)**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>SIZE</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>FILTER 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></td>
<td>18.000</td>
<td>5.3</td>
<td>4.4/2.7/2.4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SI UNITS (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNIT</td>
</tr>
<tr>
<td>2x4</td>
</tr>
</tbody>
</table>

**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)
- 12ft RJ45 NETWORK CABLE (FOR DAISY CHAIN ON BACNET OPTION ONLY)
- 35ft RJ45 NETWORK CABLE (FOR DAISY CHAIN ON BACNET OPTION ONLY)
- 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)

**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)

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:** SEPT 2020

© Copyright PRICE INDUSTRIES 2018
Fan Filter Unit - Reverse Flow
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 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.

IMPERIAL UNITS (INCHES)

<table>
<thead>
<tr>
<th>UNIT SIZE</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>FILTER AREA (ft²)</th>
<th>MAX AMPS</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>4.0/1.6/1.6</td>
</tr>
</tbody>
</table>

SI UNITS (mm)

<table>
<thead>
<tr>
<th>UNIT SIZE</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>FILTER AREA (m²)</th>
<th>MAX AMPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>600</td>
<td>1210</td>
<td>457</td>
<td>0.49</td>
<td>4.0/1.6/1.6</td>
</tr>
</tbody>
</table>

© Copyright PRICE INDUSTRIES 2018
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 HGFM FRAME.

SEE HGFM 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
(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)
☐ 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:

© Copyright PRICE INDUSTRIES 2020
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)

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

PLENUM FINISH:
- 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


PROJECT:

ENGINEER: [Redacted]
CUSTOMER: [Redacted]
SUBMITTAL DATE: OCT 2020

SPEC. SYMBOL: FFU-1-X

© Copyright PRICE INDUSTRIES 2020
Fan Filter Unit - Reverse Flow
Exhaust & Recirculation, 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 ALUMINUM PLASTER FRAME. SEE APF SUBMITTAL (228804)

VOLTAGE: SPEED CONTROL:
- 115V
- 208V
- 240V
- 277V
- EC MOTOR STANDARD SPEED CONTROLLER
- BACnet FLOW CONTROLLER. MOTOR AND FILTER STATUS OVER BACnet. SEE 265794 FOR DETAILS

PLENUM CONSTRUCTION:
- ALUMINUM PLENUM, EXTRUDED KNIFE EDGE FRAME

FACE CONSTRUCTION:
- ALUMINUM (EXTRUDED FRAME)

PLENUM FINISH:
- WASHED MILL ALUMINUM
- WHITE POWDER COAT - B12 (OPTIONAL FINISH AVAILABLE)

FACE FINISH:
- WASHED MILL ALUMINUM
- WHITE POWDER COAT - B12 (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 247779 FOR DETAILS)
- POWER CORD (8ft 115V or 8ft 277V)
- 10" ROUND DUCT COLLAR FOR RECYCLATION
- 8" ROUND DUCT COLLAR FOR EXHAUST
  c/w MANUAL QUADRANT DAMPER

MOTOR PROGRAM:
- CONSTANT FLOW
- CONSTANT TORQUE

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

PROJECT:
FFU Reverse Flow for Exhaust & Recirculation

ENGINEER:
PXY72889

CUSTOMER:

SUBMITTAL DATE: REVISION: 0
04/07/2020