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

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL:

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Imperial Units (Inches)

<table>
<thead>
<tr>
<th>UNIT</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>FILTER AREA (ft^2)</th>
<th>MAX AMPS (115/208-240/277)</th>
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<tbody>
<tr>
<td>2x4</td>
<td>23.625</td>
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SI Units (mm)

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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)
- 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)
- DISCONNECT SWITCH

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

All metric dimensions ( ) are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
**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 HGMF Frame. See HGMF Submittal (271137)

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

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

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**Imperial Units (Inches):**

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**All Metric Dimensions ( ) are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.**

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**Project:**

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**Engineer:**

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**Customer:**

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**Submittal Date:**

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**Spec. Symbol:**

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**Copyght Price Industries 2018**

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**Price Solid Edge**

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**269852**

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**FFU  RSR-FC-PSC  REVERSE FLOW**

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**Price**

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**Rev C**

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**Sheet 1 of 1**
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)

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

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL: OCT 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)

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 8ft 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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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  □ EC MOTOR STANDARD SPEED CONTROLLER
- 208V  □ BACnet FLOW CONTROLLER, MOTOR AND FILTER
- 240V  □ STATUS OVER BACnet. SEE 285794 FOR DETAILS
- 277V

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 6ft 277V)
- 10" ROUND DUCT COLLAR FOR RECIRCULATION
- 8" ROUND DUCT COLLAR FOR EXHAUST
  c/w MANUAL QUADRANT DAMPER

MOTOR PROGRAM:
- CONSTANT FLOW  □ CONSTANT TORQUE

IMPERIAL UNITS (INCHES)

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

PROJECT:
FFU Reverse Flow for Exhaust & Recirculation

ENGINEER:
PXY72889

CUSTOMER:
FFU
REVERSE FLOW
FOR EXHAUST & RECIRCULATION

SUBMITTAL DATE:  REVISION: 0
04/07/2020