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 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)
• 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)

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

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 job site installation by others
- Extruded Aluminum Filter Frame with Urethane Gel
- Walkable Pileum (250 LBS)
- 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 Pileum, Extruded Knife Edge Frame
- Stainless Steel - 304 Pileum & 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 Pileum & 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 (6ft 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.

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

UNIT FILTER MAX AMPS

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<th>UNIT</th>
<th>SIZE</th>
<th>W (in)</th>
<th>L (in)</th>
<th>H (in)</th>
<th>FILTER AREA (ft²)</th>
<th>MAX AMPS</th>
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SI UNITS (mm)

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<th>UNIT</th>
<th>SIZE</th>
<th>W (mm)</th>
<th>L (mm)</th>
<th>H (mm)</th>
<th>FILTER AREA (m²)</th>
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<td>457</td>
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PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL:

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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)

FACE CONSTRUCTION:
- ALUMINUM (EXTRUDED FRAME)

PLENUM CONSTRUCTION:
- ALUMINUM PLENUM, EXTRUDED KNIFE EDGE FRAME

PLENUM FINISH:
- WASHED MILL ALUMINUM (OPTIONAL FINISH AVAILABLE)
- 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, 99.99% @ 0.12 MICRON, IEST RP CC001.5 TYPE F

OPTIONS:
- WALL MOUNTED SPEED CONTROL (SEE 247779 FOR DETAILS)
- POWER CORD (5ft 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

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


PROJECT:
FFU Reverse Flow for Exhaust & Recirculation

ENGINEER:
PXY72889

CUSTOMER:

SUBMITTAL DATE: 04/07/2020

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