Fan Filter Unit
Roomside Removable Filter, Forward Curved Wheel, EC Motor

**Imperial Units (Inches)**

<table>
<thead>
<tr>
<th>UNIT SIZE</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>N</th>
<th>FILTER AREA (ft²)</th>
<th>MAX AMPS (115/208-240/277)</th>
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<tbody>
<tr>
<td>2x4</td>
<td>23.625</td>
<td>47.625</td>
<td>12.750</td>
<td>20.000</td>
<td>5.3</td>
<td>4.9/2.9/2.5</td>
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<tr>
<td>2x3</td>
<td>23.625</td>
<td>35.625</td>
<td>12.750</td>
<td>20.000</td>
<td>3.8</td>
<td>4.8/2.1/2.0</td>
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<tr>
<td>2x2</td>
<td>23.625</td>
<td>23.625</td>
<td>12.750</td>
<td>16.000</td>
<td>2.3</td>
<td>4.2/2.4/1.7</td>
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**SI Units (mm)**

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<td>600</td>
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<td>324</td>
<td>508</td>
<td>0.49</td>
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<td>600</td>
<td>905</td>
<td>324</td>
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<td>2x2</td>
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<td>324</td>
<td>406</td>
<td>0.21</td>
<td>4.2/2.4/1.7</td>
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**Options:**
- HEPA, 99.99% @ 0.30 MICRON, IEST RP CC001.5 TYPE C
- ULPA, 99.9995% @ 0.12 MICRON, IEST RP CC001.5 TYPE F

**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

**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

**Seismic:**
- OSHPD Special Seismic Certification
- Preapproval: OSP-0302-10

**Notes:**
- All metric dimensions ( ) are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
- For ducted applications, reference FFU Service and Installation manual for balancing procedure.
Fan Filter Unit
Roomside Removable Filter, Backward Curved Wheel, EC Motor

PRE-FILTER HOUSING
(OPTIONAL ON DUCTED)

STANDARD HANGING:
ZINC PLATED EYEBOLTS

DISCONNECT SWITCH

QUICK RELEASE
(1/4 TURN) FASTENERS

PERFORATED
FACE

FACE MOUNTED LED
INDICATOR (OPTIONAL)

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

OPTIONS:
ROOM SIDE ACCESSIBLE CONTROLS (SEE ROOM SIDE SUBMITTAL 271781)
WALL MOUNTED SPEED CONTROL (SEE FFUCS SUBMITTAL 269849)
POWER CORD (8ft 115V or 6ft 277V)
10" ROUND INLET DUCT COLLAR
12" ROUND INLET DUCT COLLAR
14" ROUND INLET DUCT COLLAR
MERV 8 PRE-FILTER (NON-DUCTED UNITS ONLY)
MERV 8 PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)
WASHABLE PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)
3/8" NPT ROOMSIDE AEROSOL INJECTION PORT

FILTER AND MOTOR STATUS LIGHTS:
TRI-COLOR FACE MOUNTED LED FILTER AND MOTOR STATUS LIGHT
(AVAILABLE w/BACnet FLOW CONTROLLER ONLY)

SEISMIC:
OSHPD SPECIAL SEISMIC CERTIFICATION
PREAPPROVAL: OSP-0302-10,
SEISMIC HANGER BRACKETS
AND SPECIAL MOUNTING REQUIRED
(SEE 266852 FOR DETAILS)

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

STANDARD CONSTRUCTION:
- BACKWARD CURVED BLOWER WHEEL
- EC MOTOR, 50/60 Hz, 1 PHASE
- CONSTANT TORQUE MOTOR PROGRAM
- DISCONNECT SWITCH
- MOTOR/BLOWER ACCESSIBLE FROM ROOMSIDE AND TOPSIDE
- ROOMSIDE REMOVABLE FILTER, PACKAGED SEPARATELY
  FOR JOBSITE INSTALLATION BY OTHERS
- EXTRUDED ALUMINUM FILTER FRAME WITH URETHANE GEL
- STATIC PRESSURE AND AEROSOL SAMPLE PORT
- LAY IN CEILING INSTALLATION ONLY. FOR SURFACE MOUNT
  INSTALLATION ORDER SEPARATE HGFM FRAME.
  SEE HGFM SUBMITTAL (271137)
- 20"x20" RECTANGULAR INLET COLLAR
- WASHABLE PRE-FILTER (NON-DUCTED UNITS)

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
□ STAINLESS STEEL - 2B PLENUM & STAINLESS STEEL - #4 KNIFE EDGE
  (OPTIONAL FINISH AVAILABLE)

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

IMPERIAL UNITS (INCHES)

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FILTER AND MOTOR STATUS LIGHTS:
□ TRI-COLOR FACE MOUNTED LED FILTER AND MOTOR STATUS LIGHT
(AVAILABLE w/BACnet FLOW CONTROLLER ONLY)

SEISMIC:
□ OSPHB SPECIAL SEISMIC CERTIFICATION
PREAPPROVAL: OSP-0302-10,
SEISMIC HANGER BRACKETS
AND SPECIAL MOUNTING REQUIRED
(SEE 266852 FOR DETAILS)

All Metric Dimensions ( ) are soft converted. Imperial Dimensions are converted to metric and rounded to the nearest millimeter.
Fan Filter Unit
Roomside 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
- MOTOR/BLower ACCESSIBLE FROM ROOMSIDE AND TOPSIDE
- ROOMSIDE REMOVABLE FILTER, PACKAGED SEPARATELY
- STATIC PRESSURE AND AEROSOL SAMPLE PORT
- LAY IN CEILING INSTALLATION ONLY. FOR SURFACE MOUNT INSTALLATION ORDER SEPARATE HGMF FRAME.
SEE HGMF SUBMITTAL (271137)
- 20"x20" RECTANGULAR INLET COLLAR
- WASHABLE PRE-FILTER (NON-DUCTED UNITS)

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:
- ROOM SIDE ACCESSIBLE CONTROLS (SEE ROOM SIDE SUBMITTAL 271781)
- WALL MOUNTED SPEED CONTROL (SEE FFUCS SUBMITTAL 269849)
- POWER CORD (8ft 115V or 6ft 277V)
- 10" ROUND INLET DUCT COLLAR
- 12" ROUND INLET DUCT COLLAR
- 14" ROUND INLET DUCT COLLAR
- MERV 8 PRE-FILTER (NON-DUCTED UNITS ONLY)
- MERV 8 PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)
- WASHABLE PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)
- 3/8" NPT ROOMSIDE AEROSOL INJECTION PORT

FILTER AND MOTOR STATUS LIGHTS:
- FL OPTION - GREEN/YELLOW FACE MOUNTED FILTER STATUS LED
- ML OPTION - GREEN/RED FACE MOUNTED MOTOR STATUS LED
- FL+ML OPTION - TRI-COLOR FACE MOUNTED FILTER AND MOTOR STATUS LED

SEISMIC:
- OSHPD SPECIAL SEISMIC CERTIFICATION
PREAPPROVAL: OSP-0302-10.
SEISMIC HANGER BRACKETS AND SPECIAL MOUNTING REQUIRED
(SEE 266852 FOR DETAILS)

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 AREA:
- 2x4: 508 ft²
- 2x3: 358 ft²
- 2x2: 234 ft²

MAX AMPS:
- 5.3 A
- 3.8 A
- 2.3 A

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

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL:

MAR 2020 265803
Fan Filter Unit
Roomside Removable Filter, Backward Curved Wheel, PSC Motor

STANDARD CONSTRUCTION:
- BACKWARD CURVED BLOWER WHEEL
- PSC MOTOR, 60 Hz, 1 PHASE
- PSC MOTOR STANDARD UNIVERSAL SPEED CONTROLLER
- DISCONNECT SWITCH
- MOTOR/BLOWER ACCESSIBLE FROM ROOMSIDE AND TOPSIDE
- ROOMSIDE REMOVABLE FILTER, PACKAGED SEPARATELY FOR JOBSITE INSTALLATION BY OTHERS
- EXTRUDED ALUMINUM FILTER FRAME WITH URETHANE GEL
- WALKABLE PLENUM (250 LBS)
- STATIC PRESSURE AND AEROSOL SAMPLE PORT
- LAY IN CEILING INSTALLATION ONLY. FOR SURFACE MOUNT INSTALLATION ORDER SEPARATE HGMF FRAME. SEE HGMF SUBMITTAL (271137)
- 20"x20" RECTANGULAR INLET COLLAR
- WASHABLE PRE-FILTER (NON-DUCTED UNITS)

VOLTAGE:
- 115V
- 208V
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PLENUM CONSTRUCTION:
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- MERV & PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)
- WASHABLE PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)
- 3/8" NPT ROOMSIDE AEROSOL INJECTION PORT

FILTER AND MOTOR STATUS LIGHTS:
- FL OPTION - GREEN/YELLOW FACE MOUNTED FILTER STATUS LED
- ML OPTION - GREEN/RED FACE MOUNTED MOTOR STATUS LED
- FL+ML OPTION - TRI-COLOR FACE MOUNTED FILTER AND MOTOR STATUS LED

SEISMIC:
- OSHPD SPECIAL SEISMIC CERTIFICATION PREAPPROVAL: OSP-0302-10.
- SEISMIC HANGER BRACKETS AND SPECIAL MOUNTING REQUIRED (SEE 266852 FOR DETAILS)

NOTE:
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