WK KIT FOR PSC MOTOR is high voltage and as such requires field supplied conduit and junction box. It is supplied loose for field installation in place of a speed controller usually located on FFU unit. As opposed to standard speed controller it is easily accessible and comes with a knob that can be adjusted without the use of a screw driver.

WK KIT FOR ECM MOTOR uses 24VAC. The wall potentiometer kit is supplied loose in addition to standard ECM speed controller board mounted on FFU unit. The kit is supplied with approximately 1 ft cable leads soldered to the wall mounted potentiometer and to the FFU mounted controller board. The cables are provided for field installation in a field supplied junction box. As opposed to standard speed controller, the WK kit is easily accessible and can be adjusted by a user without a screw driver.

WK KIT FOR ECM MOTOR AND PRICE DELUXE SPEED CONTROLLER uses 24VAC. The kit is supplied with 1 ft of cable connected to the speed controller. It is to be field installed in a field supplied junction box. The WK kit also comes with a 2 ft cable with 6 pin connector to attach to the ECM motor by a qualified electrician. In total, 8 wires should be ran in the conduit; 6 for motor control, and 2 for 24VAC. The WK ECM DELUXE controller is shipped loose for wall mounting instead of being mounted on the FFU unit. DELUXE option will also display motor RPM, giving the user a visual confirmation of how the FFU is responding to control.

* MAX. 50 FT (22AWG OR HIGHER RECOMMENDED), FIELD WIRING BY OTHERS.

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.
NOTE 1:
SECONDARY GND
OF TRANSFORMER
MUST BE EARTH
GROUNDED.

NOTE 2:
PRESSURE
TRANSDUCER FOR
MEASURING
FILTER LOAD.

INPUT / OUTPUT DESCRIPTION

<table>
<thead>
<tr>
<th>ANALOG OUTPUTS</th>
<th>BACNET MS/TP TERMINAL BLOCK CONNECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A01</td>
<td>CONFIGURABLE FOR FILTER LIFE, MOTOR SPEED (RPM), BAS, AIR FLOW (CFM)</td>
</tr>
<tr>
<td>A02</td>
<td>CONFIGURABLE FOR FILTER LIFE, MOTOR SPEED (RPM), BAS, AIR FLOW (CFM)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BINARY OUTPUTS</th>
<th>BACNET MS/TP TERMINAL BLOCK CONNECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>B01</td>
<td>TO LED LIGHT 1 (RED LED)</td>
</tr>
<tr>
<td>B02</td>
<td>TO LED LIGHT 2 (YELLOW LED)</td>
</tr>
<tr>
<td>B03</td>
<td>TO LED LIGHT 3 (GREEN LED)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANALOG INPUTS</th>
<th>BACNET MS/TP TERMINAL BLOCK CONNECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A9</td>
<td>INPUT VOLTAGE FOR REMOTE FAN SPEED CONTROL</td>
</tr>
<tr>
<td>A0</td>
<td>SPARE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INPUTS</th>
<th>BACNET MS/TP TERMINAL BLOCK CONNECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>THERMISTOR INPUT</td>
<td>ANALOG INPUT FOR MONITORING AIR OVER FILTER TEMPERATURE, 10K TYPE J THERMISTOR</td>
</tr>
<tr>
<td>CONTACT CLOSURE</td>
<td>BINARY INPUT USED FOR NIGHT SETBACK</td>
</tr>
</tbody>
</table>

ALL METRIC DIMENSIONS (1) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER: [Signature]

CUSTOMER: [Company Name]

SUBMITTAL DATE: 265/7/91

FAN FILTER UNIT

SPEC. SYMBOL: 2015/07/09
Fan Filter Unit
Room Side Replaceable Filter, Backward Curved Wheel, EC Motor

STANDARD CONSTRUCTION:
- Backward Curved Blower Wheel
- EC Motor, 50/60 Hz, 1 Phase
- Constant Torque Motor Program
- Room Side Replaceable Filter, Packaged Separately
  For Jobsite Installation By Others
- Extruded Aluminum Filter Frame With Urethane Gel
- Walkable Penum (250 LBS)
- Static Pressure and Aerosol Sample Port
- Lay In Ceiling Installation Only. For Surface Mount
  Installation Order Separate Aluminum Plaster Frame.
  See APF Submittal (228804)
- 20"x20" Rectangular Inlet Collar
- Washable Pre-Filter (Non-Ducted Units)

VOLTAGE: 115V
SPEED CONTROL: EC Motor Standard Speed Controller
- EC Motor BACnet Flow Controller, Motor and Filter
- Status Over BACnet. See 265794 For Details

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

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

MOTOR/BLOWER ACCESS:
- Top Access
- Roomside Access

PLENUM FINISH:
- Prepared Aluminum (Washed)
- White Powder Coat - B12
- Stainless Steel - 2B Penum & Stainless Steel - #4 Knife Edge
  (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)
- Disconnect Switch
- Power Cord (8ft 115V or 6ft 277V)
- 10" Round Inlet Duct Collar
- 12" Round Inlet Duct Collar
- 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
  Pre-Approval 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.

SUBMITTAL SHEET

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL:

265797

© Copyright PRICE INDUSTRIES 2017

Sheet 1 of 1 REV C FFU-1-1
Fan Filter Unit
Bench Top Replaceable Filter, Backward Curved Wheel, EC Motor

STANDARD CONSTRUCTION:
• Backward Curved Blower Wheel
• EC Motor, 50/60 Hz, 1 Phase
• Top Motor/Blower Access
• Constant Torque Motor Program
• Factory installed latches on plenum for tool-free filter installation/replacement (in field by others)
• Bench top replaceable filter, packaged separately for jobsite installation by others
• Walkable plenum (250 LBS)
• Lay in ceiling installation only. For surface mount installation order separate aluminum plaster frame.

OPTIONS:
• Wall mounted speed control (see 247779 for details)
• Disconnect switch
• Power cord (8ft 115V or 6ft 277V)
• 10" round inlet duct collar
• 12" round inlet duct collar
• Washable pre-filter with side access housing (ducted units only)

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)

Fan Filter Unit
Room Side Replaceable Filter, Forward Curved Wheel, EC Motor

STANDARD CONSTRUCTION:
- FORWARD CURVED BLOWER WHEEL
- EC MOTOR, 50/60 Hz, 1 PHASE
- ROOM SIDE REPLACEABLE 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 ALUMINUM PLASTER FRAME. SEE APF SUBMITTAL (228804)
- 16”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:
- WALL MOUNTED SPEED CONTROL (SEE 247779 FOR DETAILS)
- DISCONNECT SWITCH
- POWER CORD (8ft 115V or 6ft 277V)
- 10” ROUND INLET DUCT COLLAR
- 12” ROUND INLET DUCT COLLAR
- WASHABLE PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)
- 3/8” NPT ROOMSIDE AEROSOL INJECTION PORT

MOTOR PROGRAM:
- CONSTANT FLOW
- CONSTANT TORQUE

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)


TABLES:

<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 (115/240/277)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>23.625</td>
<td>47.625</td>
<td>12.750</td>
<td>5.3</td>
<td>4.8/2.9/2.3</td>
<td></td>
</tr>
<tr>
<td>2x3</td>
<td>23.625</td>
<td>35.625</td>
<td>12.750</td>
<td>3.9</td>
<td>4.8/2/1.7</td>
<td></td>
</tr>
<tr>
<td>2x2</td>
<td>23.625</td>
<td>23.625</td>
<td>12.750</td>
<td>2.3</td>
<td>4.2/2.4/1.7</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIT</th>
<th>SIZE</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>FILTER AREA (m²)</th>
<th>MAX AMPS (115/240/277)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>600</td>
<td>1210</td>
<td>324</td>
<td>0.49</td>
<td>4.8/2.9/2.3</td>
<td></td>
</tr>
<tr>
<td>2x3</td>
<td>600</td>
<td>905</td>
<td>324</td>
<td>0.35</td>
<td>4.8/2/1.7</td>
<td></td>
</tr>
<tr>
<td>2x2</td>
<td>600</td>
<td>600</td>
<td>324</td>
<td>0.21</td>
<td>4.2/2.4/1.7</td>
<td></td>
</tr>
</tbody>
</table>

PROJECT: DS
CUSTOMER: 265799
SUBMITTAL DATE: NOV 2017
SPEC. SYMBOL: FFU-1-1

© Copyright PRICE INDUSTRIES 2017
Fan Filter Unit
Bench Top Replaceable Filter, Forward Curved Wheel, EC Motor

STANDARD CONSTRUCTION:
- Forward Curved Blower Wheel
- EC Motor, 50/60 Hz, 1 Phase
- Top Motor-Blower Access
- Factory installed latches on plenum for tool-free filter installation/replacement (in field by others)
- Bench top replaceable filter, packaged separately for jobsite installation by others
- Walkable plenum (250 LBS)
- Lay in ceiling installation only. For surface mount installation order separate aluminum plaster frame. See APF Submittal (228804)
- Extruded aluminum filter frame with upstream gasket, white powder coat expanded metal screen
- Extruded aluminum center divider with 0.315”(x2) ports, sealed with well nuts
  - Port (1) static pressure and aerosol sample port
  - Port (2) optional filter and motor status indicator
- 16”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

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)
- Disconnect switch
- Power cord (8ft 115V or 6ft 277V)
- 10” round inlet duct collar
- 12” round inlet duct collar
- Washable pre-filter with side access housing (ducted units only)

MOTOR PROGRAM:
- Constant flow
- Constant torque

FILTER AND MOTOR STATUS LIGHTS:
- Tri-color face mounted LED filter and motor status light (available with 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.

FILTER INSTALLATION LATCHES
Prepared aluminum (washed)
White powder coat - B12

Explore the price industries for FFU-1-1

© Copyright PRICE INDUSTRIES 2017
**Fan Filter Unit**

**Room Side Replaceable Filter, Backward Curved Wheel, PSC Motor**

**STANDARD CONSTRUCTION:**
- Backward Curved Blower Wheel
- PSC Motor, 60 Hz, 1 Phase
- PSC Motor Standard Universal Speed Controller
- Room Side Replaceable 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

SEE APF Submittal (228804)
- 20"x20" Rectangular Inlet Collar
- Washable Pre-Filter (Non-Ducted Units)

**IMPENIMENT UNITS (INCHES)**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>SIZE W</th>
<th>L</th>
<th>H</th>
<th>FILTER AREA (ft²)</th>
<th>MAX AMPS (115/240/277)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>23.625</td>
<td>47.625</td>
<td>12.750</td>
<td>5.3</td>
<td>2.2/0.9/0.8</td>
</tr>
<tr>
<td>2x3</td>
<td>23.625</td>
<td>35.625</td>
<td>12.750</td>
<td>3.6</td>
<td>2.2/0.9/0.8</td>
</tr>
</tbody>
</table>

**SI UNITS (mm)**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>SIZE W</th>
<th>L</th>
<th>H</th>
<th>FILTER AREA (m²)</th>
<th>MAX AMPS (115/240/277)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>600</td>
<td>1210</td>
<td>324</td>
<td>0.49</td>
<td>2.2/0.9/0.8</td>
</tr>
<tr>
<td>2x3</td>
<td>600</td>
<td>905</td>
<td>324</td>
<td>0.35</td>
<td>2.2/0.9/0.8</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 247779 for Details)
- Disconnect Switch
- Power Cord (8ft 115V or 6ft 277V)
- 10" Round Inlet Duct Collar
- 12" Round Inlet Duct Collar
- Washable Pre-Filter with Side Access Housing (Ducted Units Only)
- 3/8" NPT Roomside Aerosol Injection Port

**FILTER AND MOTOR STATUS LIGHTS:**
- Green/Red Face Mounted Motor Status LED
- Green/Yellow Face Mounted Filter Status LED

**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.

**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

**MOTOR/BLOWER ACCESS:**
- Top Access
- Roomside Access

**PLENUM FINISH:**
- Prepared Aluminum (Washed)
- White Powder Coat - B12
- Stainless Steel - 2B Plenum & Stainless Steel - #4 Knife Edge (Optional Finish Available)

**FACE FINISH:**
- Prepared Aluminum (Washed)
- White Powder Coat - B12
- #4 Stainless Steel (Optional Finish Available)

**PROJECT:**

**ENGINEER:**

265801

**CUSTOMER:**

DS

**SUBMITTAL DATE:**

FFU

NOV 2017

**SPEC. SYMBOL:**

RSR-BC-PSC

© Copyright PRICE INDUSTRIES 2017
Fan Filter Unit
Bench Top Replaceable Filter, Backward Curved Wheel, PSC Motor

STANDARD CONSTRUCTION:
- BACKWARD CURVED BLOWER WHEEL
- PSC MOTOR, 60 Hz, 1 PHASE
- PSC MOTOR STANDARD UNIVERSAL SPEED CONTROLLER
- FACTORY INSTALLED LATCHES ON PLENUM FOR TOOL-FREE FILTER INSTALLATION/REPLACEMENT (IN FIELD BY OTHERS)
- BENCH TOP REPLACEABLE FILTER, Packaged Separately For JOBSITE INSTALLATION BY OTHERS
- WALKABLE PLENUM (250 LBS)
- LAY IN CEILING INSTALLATION ONLY. FOR SURFACE MOUNT INSTALLATION ORDER SEPARATE ALUMINUM PLASTER FRAME.
- EXTRUDED ALUMINUM FILTER FRAME WITH UPSTREAM GASKET, WHITE POWDER COAT EXPANDED METAL SCREEN
- EXTRUDED ALUMINUM CENTER DIVIDER WITH 0.315"x2" PORTS, SEALED WITH WELL NUTS
- 20"x20" RECTANGULAR INLET COLLAR
- WASHABLE PRE-FILTER (NON-DUCTED UNITS)

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 (115/240/277)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>23.625</td>
<td>47.625</td>
<td>11.000</td>
<td>6.9</td>
<td>2.2/0.3/0.8</td>
</tr>
<tr>
<td>2x3</td>
<td>23.625</td>
<td>35.625</td>
<td>11.000</td>
<td>5.1</td>
<td>2.2/0.3/0.8</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 (115/240/277)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>600</td>
<td>1210</td>
<td>279</td>
<td>0.64</td>
<td>2.2/0.3/0.8</td>
</tr>
<tr>
<td>2x3</td>
<td>600</td>
<td>905</td>
<td>279</td>
<td>0.47</td>
<td>2.2/0.3/0.8</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 247779 FOR DETAILS)
- DISCONNECT SWITCH
- POWER CORD (8ft 115V or 6ft 277V)
- 10" ROUND INLET DUCT COLLAR
- 12" ROUND INLET DUCT COLLAR
- WASHABLE PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)

FILTER AND MOTOR STATUS LIGHTS:
- GREEN/RED FACE MOUNTED MOTOR STATUS LED
- GREEN/YELLOW FACE MOUNTED FILTER STATUS LED

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

Fan Filter Unit
Room Side Replaceable Filter, Forward Curved Wheel, PSC Motor

STANDARD CONSTRUCTION:
• FORWARD CURVED BLOWER WHEEL
• PSC MOTOR, 60 Hz, 1 PHASE
• PSC MOTOR STANDARD UNIVERSAL SPEED CONTROLLER
• ROOM SIDE REPLACEABLE FILTER, PACKAGED SEPARATELY
• 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 ALUMINUM PLASTER FRAME
• 16"x20" RECTANGULAR INLET COLLAR
• WASHABLE PRE-FILTER (NON-DUCTED UNITS)

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

MOTOR/BLOWER ACCESS:
• TOP ACCESS
• ROOMSIDE ACCESS

PLENUM FINISH:
• PREPARED ALUMINUM (WASHED)
• WHITE POWDER COAT - B12
• STAINLESS STEEL - 2B PLENUM & STAINLESS STEEL - #4 KNIFE EDGE (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)
• DISCONNECT SWITCH
• POWER CORD (8ft 115V or 6ft 277V)
• 10" ROUND INLET DUCT COLLAR
• 12" ROUND INLET DUCT COLLAR
• WASHABLE PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)
• 3/8" NPT ROOMSIDE AEROSOL INJECTION PORT

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

FILTER AND MOTOR STATUS LIGHTS:
• GREEN/RED FACE MOUNTED MOTOR STATUS LED
• GREEN/YELLOW FACE MOUNTED FILTER STATUS LED

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 (115/240/277)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>23.625</td>
<td>47.625</td>
<td>12.750</td>
<td>5.3</td>
<td>3.4/1.4/0.2</td>
<td></td>
</tr>
<tr>
<td>2x3</td>
<td>23.625</td>
<td>35.625</td>
<td>12.750</td>
<td>3.3</td>
<td>2.0/1.2/1.1</td>
<td></td>
</tr>
<tr>
<td>2x2</td>
<td>23.625</td>
<td>23.625</td>
<td>12.750</td>
<td>2.3</td>
<td>2.1/0.9/0.8</td>
<td></td>
</tr>
</tbody>
</table>

SI UNITS (mm)

<table>
<thead>
<tr>
<th>UNIT</th>
<th>SIZE</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>FILTER AREA (m²)</th>
<th>MAX AMPS (115/240/277)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2x4</td>
<td>600</td>
<td>1210</td>
<td>324</td>
<td>0.49</td>
<td>3.4/1.4/0.2</td>
<td></td>
</tr>
<tr>
<td>2x3</td>
<td>600</td>
<td>905</td>
<td>324</td>
<td>0.35</td>
<td>2.0/1.2/1.1</td>
<td></td>
</tr>
<tr>
<td>2x2</td>
<td>600</td>
<td>600</td>
<td>324</td>
<td>0.21</td>
<td>2.1/0.9/0.8</td>
<td></td>
</tr>
</tbody>
</table>

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.

---

SUBMITTAL SHEET

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL:

NOV 2017 FFU-1-1

© Copyright PRICE INDUSTRIES 2017

© Copyright PRICE INDUSTRIES 2017

SHEET 1 OF 1 REV C FFU-1-1
Fan Filter Unit
Bench Top Replaceable Filter, Forward Curved Wheel, PSC Motor

STANDARD CONSTRUCTION:
- FORWARD CURVED BLOWER WHEEL
- PSC MOTOR, 60 Hz, 1 PHASE
- PSC MOTOR STANDARD UNIVERSAL SPEED CONTROLLER
- TOP MOTOR/BLower ACCESS
- FACTORY INSTALLED LATCHES ON PLenum FOR TOOL-FREE FILTER INSTALLATION/REPLACEMENT (IN FIELD BY OTHERS)
- BENCH TOP REPLACEABLE FILTER, PACKAGED SEPARATELY FOR JOBSITE INSTALLATION BY OTHERS
- WALKABLE PLENUM (250 LBS)
- LAY IN CEILING INSTALLATION ONLY. FOR SURFACE MOUNT INSTALLATION ORDER SEPARATE ALUMINUM PLASTER FRAME. SEE APF SUBMITTAL (228804)
- EXTRUDED ALUMINUM FILTER FRAME WITH UPSTREAM GASKET, WHITE POWDER COAT EXPANDED METAL SCREEN
- EXTRUDED ALUMINUM CENTER DIVIDER WITH 0.315"(x2) PORTS, SEALED WITH WELL NUTS
  - PORT (1) STATIC PRESSURE AND AEROSOL SAMPLE PORT
  - PORT (2) OPTIONAL FILTER AND MOTOR STATUS INDICATOR (FIELD MOUNTED BY OTHERS)
- 16"x20" RECTANGULAR INLET COLLAR
- WASHABLE PRE-FILTER (NON-DUCTED UNITS)

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

PLENUM FINISH:
- PREPARED ALUMINUM (WASHED)
- WHITE POWDER COAT - B12

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)
- DISCONNECT SWITCH
- POWER CORD (8ft 115V or 6ft 277V)
- 10" ROUND INLET DUCT COLLAR
- 12" ROUND INLET DUCT COLLAR
- WASHABLE PRE-FILTER WITH SIDE ACCESS HOUSING (DUCTED UNITS ONLY)

FILTER AND MOTOR STATUS LIGHTS:
- GREEN/RED FACE MOUNTED MOTOR STATUS LED
- GREEN/YELLOW FACE MOUNTED FILTER STATUS LED

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

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL: NOV 2017

© Copyright PRICE INDUSTRIES 2017

NOTE:
- 12GA. GALVANIZED HANGER BRACKET.
- MASON SCB-2 BRACKET REQUIRED (QTY. 4).
- SECURED AS PER OSP - 0302-10 REPORT.
- LATERAL BRACING REQUIRED AS PER OSP - 0302-10 REPORT.

<table>
<thead>
<tr>
<th>NOM. LENGTH</th>
<th>NOM. WIDTH</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>48.000&quot;</td>
<td>24.000&quot;</td>
<td>46.375&quot;</td>
<td>22.285&quot;</td>
</tr>
<tr>
<td>36.000&quot;</td>
<td>24.000&quot;</td>
<td>34.375&quot;</td>
<td>22.285&quot;</td>
</tr>
<tr>
<td>24.000&quot;</td>
<td>24.000&quot;</td>
<td>22.375&quot;</td>
<td>22.285&quot;</td>
</tr>
</tbody>
</table>

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