**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.*

---

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

---

© Copyright E.H.PRICE LIMITED 2008
NOTE 1:
SECONDARY COM
OF TRANSFORMER
MUST BE EARTH
GROUNDED

INPUT / OUTPUT DESCRIPTION

<table>
<thead>
<tr>
<th>ANALOG OUTPUTS</th>
<th>BINARY OUTPUTS</th>
<th>ANALOG INPUTS</th>
<th>DIGITAL LCD DISPLAY</th>
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<tr>
<td>A01</td>
<td>B01</td>
<td>AD</td>
<td>2 ROW X 14 CHARACTER</td>
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<tr>
<td>CONFIGURABLE FOR FILTER LIFE, MOTOR SPEED (RPM), BAS, AIR FLOW (CFM)</td>
<td>TO LED LIGHT KIT RED LED</td>
<td>INPUT VOLTAGE FOR REMOTE FAN SPEED CONTROL</td>
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<tr>
<td>A02</td>
<td>B02</td>
<td>AD</td>
<td></td>
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<tr>
<td>CONFIGURABLE FOR FILTER LIFE, MOTOR SPEED (RPM), BAS, AIR FLOW (CFM)</td>
<td>TO LED LIGHT KIT YELLOW LED</td>
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</tr>
<tr>
<td>B03</td>
<td>B03</td>
<td>AD</td>
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<tr>
<td>TO LED LIGHT KIT GREEN LED</td>
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</table>

INPUTS:
- THERMISTOR INPUT
- ANALOG INPUT FOR MONITORING AIR OVER FILTER TEMPERATURE: 10K TYPE J THERMISTOR
- CONTACT CLOSURE
- BINARY INPUT USED FOR NIGHT SETBACK

PROJECT:
FAN FILTER UNIT
BFC CONTROLLER
GENERAL SUBMITTAL

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 265791
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)

IMPERIAL UNITS (INCHES)

<table>
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<tr>
<th>UNIT SIZE</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>FILTER AREA (sq ft)</th>
<th>MAX AMPS (115/240/277)</th>
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<td>12.750</td>
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SI UNITS (mm)

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<th>UNIT SIZE</th>
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<th>L</th>
<th>H</th>
<th>FILTER AREA (m²)</th>
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<td>324</td>
<td>0.49</td>
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<td>2x3</td>
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<td>905</td>
<td>324</td>
<td>0.35</td>
<td>2.0/1.0/0.8</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:
- 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)


PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL:

NOV 2017 265797
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. 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)
- 20"x20" Rectangular Inlet Collar
- Washable Pre-Filter (Non-Ducted Units)

VOLTAGE: Speed Control:
- 115V
- 208V
- 240V
- 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)

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)


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


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

SPEED CONTROL:
- EC Motor standard speed controller
- BACnet flow controller, motor and filter status over BACnet. See 265794 for details

PLENUM CONSTRUCTION:
- Aluminum Penum, extruded knife edge frame
- Stainless steel - 304 Penum & knife edge frame

FACE CONSTRUCTION:
- Aluminum (extruded frame)
- Stainless steel - 304 perf screen & inner frame

MOTOR/BLOWER ACCESS:
- Top access
- Rooms side access

PLENUM FINISH:
- Prepared aluminum (washed)
- White powder coat - B12
- Stainless steel - 2B Penum & #4 stainless steel

FACE FINISH:
- Prepared aluminum (washed)
- White powder coat - B12
- #4 stainless steel (optional finish available)

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL:

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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 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
- WASHERABLE 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 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)

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)

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 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
- 208V
- 240V
- 277V

**PLENUM CONSTRUCTION:**
- Aluminum Penum, Extruded Knife Edge Frame
- Stainless Steel - 304 Penum & 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 Penum & Stainless Steel - #4 Knife Edge (optional finish available)

**FACE FINISH:**
- Prepared Aluminum (Washed)
- White Powder Coat - B12
- #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 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)

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

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

© 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. 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
- 20"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, 99.999% @ 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)


IMPERIAL UNITS (INCHES)

<table>
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<th>UNIT</th>
<th>W</th>
<th>L</th>
<th>H</th>
<th>FILTER AREA (ft²)</th>
<th>MAX AMPS (115/240/277)</th>
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SI UNITS (mm)

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<th>H</th>
<th>FILTER AREA (m²)</th>
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<td>0.47</td>
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Specifications:
- Backward 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
- 20"x20" RECTANGULAR INLET COLLAR
- WAS OHABLE PRE-FILTER (NON-DUCTED UNITS)

FILTER:
- HEPA, 99.99% @ 0.30 Micron, IEST RP CC001.5 Type C
- ULPA, 99.999% @ 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)

NOTE: FOR DUCTED APPLICATIONS, REFERENCE FFU SERVICE AND INSTALLATION MANUAL FOR BALANCING PROCEDURE.
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 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

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)

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

PROJECT:

ENGINEER: DK

CUSTOMER: FFU

SUBMITTAL DATE: DEC 2017

SPEC. SYMBOL: RSR-FC-PSC

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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/ Pirates 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.
• 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)

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

IMPERIAL UNITS (INCHES)

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<td>47.625</td>
<td>11.000</td>
<td>6.9</td>
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SI UNITS (mm)

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<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>
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<td>1210</td>
<td>279</td>
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<td>600</td>
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<td>0.31</td>
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</table>
Fan Filter Units - High Efficiency

OSHPD SEISMIC CERTIFICATION PRE-APPROVAL (OSP - 0302-10)

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

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND Rounded TO THE NEAREST MILLIMETER.
FFUFE - FFU FRONT END SYSTEM
COMPLETE BACNET SYSTEM

WEB SERVER
FEATURES:
- INTERFACE TO BACnet MS/TP DEVICES IN BUILDING VIA WEB ADDRESS
- DISPLAYS STATUS OF ETHERNET LAN VIA GREEN AND RED LEDS
- CAN BE CONFIGURED FOR REMOTE ACCESS VIA WEB ADDRESS
- ANIMATED GRAPHIC SCREENS (TO VIEW VARIABLES SUCH AS FILTER STATUS, CFM, FOR EACH FFU & MODIFY SETPOINTS AS NEEDED.
- REFERENCE STANDARD SUBMITTAL 265512 FOR ADDITIONAL INFORMATION

IP ETHERNET ROUTER
FEATURES:
- CONNECTS BACnet IP TO BUILDING NETWORK
- DISPLAYS STATUS OF POWER, ETHERNET LAN AND WAN VIA DIAGNOSTIC LEDS
- CAN BE CONFIGURED IN THE FIELD VIA WEB BROWSER
- STATEFUL FIREWALL, PAT, NAT AND PORT FORWARDING PROPERTIES
- REFERENCE STANDARD SUBMITTAL 265511 FOR ADDITIONAL INFORMATION

BACnet ROUTER
FEATURES:
- CONNECTS BACnet IP/ETHERNET TO BACnet MS/TP SEGMENTS
- DISPLAYS STATUS OF POWER AND ETHERNET VIA DIAGNOSTIC LEDS
- CAN BE CONFIGURED IN THE FIELD VIA WEB BROWSER
- REFERENCE STANDARD SUBMITTAL 265510 FOR ADDITIONAL INFORMATION

IP ETHERNET ROUTER
FEATURES:
- FIVE PORT UNMANAGED ETHERNET SWITCH PROVIDES 100 Mbps
- PERFORMANCE ON ALL PORTS
- WILL ACCEPT EITHER CROSS-OVER OR STRAIGHT THROUGH CABLES
- USING AUTO-MDIX PROTOCOL
- REFERENCE STANDARD SUBMITTAL 265513 FOR ADDITIONAL INFORMATION

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