SERIES PAFS-1000

AVERAGING FLOW SENSORS
Ideal for Sensing Fan Flow Rates

The Series PAFS-1000 Averaging Flow Sensors are ideal for sensing velocity pressure in the inlet section of variable air volume terminal units and fan terminal units.

FEATURES/BENEFITS
• Simple mounting flange works with both round or rectangular ducts

APPLICATIONS
• Zone control in HVAC systems
• Retrofit HVAC air flow measurement

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Length (Dim. A) in (cm)</th>
<th>Price</th>
<th>Model</th>
<th>Length (Dim. A) in (cm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAFS-1002 3-5/32 (8.02)</td>
<td>$7.80</td>
<td>PAFS-1007 14-3/4 (37.47)</td>
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<td>PAFS-1003 5-13/32 (13.73)</td>
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<td>PAFS-1008 17-1/8 (43.50)</td>
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<td>PAFS-1004 7-21/32 (19.55)</td>
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<td>PAFS-1009 19-13/32 (49.29)</td>
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<td>PAFS-1005 9-29/32 (25.26)</td>
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<td>PAFS-1010 21-29/32 (55.01)</td>
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<td>PAFS-1006 12-1/2 (31.75)</td>
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<td>PAFS-1011 23-29/32 (60.72)</td>
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SERIES AFG

AVERAGING FLOW GRID
Cost Effective Air Flow Station for Ducts up to 60”

The Series AFG Averaging Flow Grid is a fundamental pressure-sensing device designed to sense velocity pressure in an air duct. When this output is connected to a suitable measuring instrument (i.e. manometer, pressure transducer, etc.) it may be used to determine air velocity or air flow rate.

FEATURES/BENEFITS
• Kit complete with 2 probes and installation hardware
• Trimmable length for any duct size up to 60”
• Alternative to costly air flow stations

APPLICATIONS
• To display differential pressure, velocity or volume flow using a micro manometer, gage or transmitter
• To give a warning of over or under flow rate using a pressure switch
• To control air supply in a system by connecting the grid to a pressure transmitter with an electrical output which can be used to feed into a control system
• To display differential pressure on a simple fluid manometer to give visual indication of changes in flow volume rate in the duct

SPECIFICATIONS
Service: Monitor air or compatible gas flow.
Wetted Materials: 304 SS, PVC, polyurethane, acetyl plastics, and neoprene rubber.
Accuracy: ±5%.
Maximum Temperature: 176°F (80°C).
Velocity Range: 295.2 ft/min to 5904 ft/min (1.5 to 30 m/s).
Diameter of Tubes: 5/16” (8 mm) or 5/8” (16 mm).
Maximum Duct Diagonal: 60.4” (153.4 cm).
Maximum Duct Diameter: 59.4” (150.9 cm).
Process Connections: 5/16” barbed.
Weight: AFG-1: 1 lb (454 g); AFG-2: 3 lb (1361 g).

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Diameter Tube (Dim. A) in (mm)</th>
<th>Length (Dim. B) in (mm)</th>
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<tbody>
<tr>
<td>AFG-1</td>
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<td>AFG-2</td>
<td>5/8 (16)</td>
<td>59-4/5 (1518)</td>
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Items are subject to Schedule B discounts.