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
- Zone control in HVAC systems
- Retro fit HVAC air flow measurement

**APPLICATIONS**
- Zone control in HVAC systems
- Retrofit HVAC air flow measurement

**SERIES AFG**

**AVERRAGING 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
- Trimtable 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 volume flow rate in the duct

**SPECIFICATIONS**
- Service: Monitor air or compatible gas flow.
- Wetted Materials: 304 SS, PVC, polyurethane, acetal 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>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFG-1</td>
<td>5/16 (8)</td>
<td>59-4/5 (1518)</td>
<td>$433.00</td>
</tr>
<tr>
<td>AFG-2</td>
<td>5/8 (16)</td>
<td>67-6/16 (1716)</td>
<td>$567.00</td>
</tr>
</tbody>
</table>

© Items are subject to Schedule B discounts.