Flow Sensors

AIR QUALITY

• Zone control in HVAC systems

APPLICATION

sized duct dimensions from 12-1/2˝ to 23-29/32˝ (31.75 to 60.72 cm) are available to accommodate appropriately.

For models PAFS-1002 to PAFS-1005, up to four sensing points and lengths of 3-5/32˝ to 9-29/32˝ (8.02 to 25.26 cm) to accommodate box size diameters of 4˝ to 16˝ (10.16 to 40.64 cm) are available. For models PAFS-1006 to PAFS-1011, up to 10 sensing points and lengths from 12-1/2˝ to 23-29/32˝ (31.75 to 60.72 cm) are available to accommodate appropriately sized duct dimensions.

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The Series MAFS is ideal for use with Dwyer Instruments, Inc. precision air velocity gages, transmitters and switches. The Series MAFS uses evenly distributed total and static pressure measuring points to deliver an accurate measurement of flows in a duct. The blade profile provides enhanced performance with minimal flow disruption in the air stream. The air flow measuring probe can be completely installed from the outside of round or circular ducts, making it very quick to install. With its lightweight and durable construction, the MAFS flow sensor lends itself superbly to applications in the HVAC industry.

The “H” port senses total pressure and the “L” port senses static pressure. The difference between these signals is the differential, or velocity pressure.

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The Series PAFS-1000 Averaging Flow Sensor is ideal for sensing differential pressure in the inlet section of variable air volume terminal units and fan terminal units. Units can also be used to sense differential pressure at other locations in the main or branch duct systems.

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