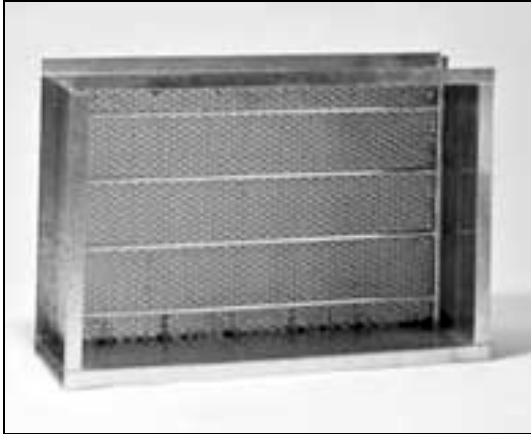
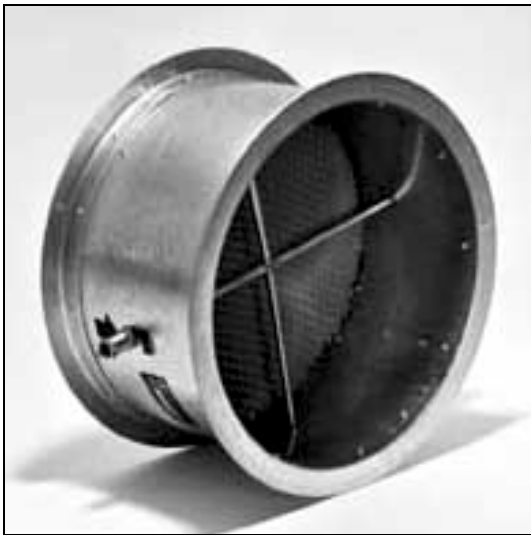


Air Flow Station Duct Mounted

BULLETIN 862



Rectangular Duct



Circular Duct

The Waddell Air Flow Measuring Station is designed and manufactured to provide accurate and repeatable flow rate in ductwork. The standard airflow station includes a 16 GA galvanized steel casing, aluminum honeycomb for flow straightening and multiple total and static pressure sensors located in equal areas within the casing. The number of sensors are in accordance with AMCA guidelines. Standard total and static sensors are fabricated of ASTM B88 grade copper. The airflow stations are available in stainless steel if specified.

The circular unit is available in either a flanged or slip-in connection.

Application good practice suggests three diameters lengths upstream of the airflow station.

Specifications

Accuracy

- +/- 2% to 6000 fpm
- +/- 0.5% at 2000 fpm

Operating Conditions

- Temperature: 400°F (205°C)
- Pressure: 6" w.c. (1500 pa)
- Velocity: 6000 fpm maximum

Pressure Drop

- 0.13" w.c. at 2000 fpm

Structural

- Casing: 16 GA galvanized steel
- Internal tubing and fittings: Rigid copper - ANSI H23.1



Phone: (856) 461-7500 Fax: (856) 866-0406
Email: sales@waddellengineering.net

waddell
ENGINEERING COMPANY
Moorestown, New Jersey USA