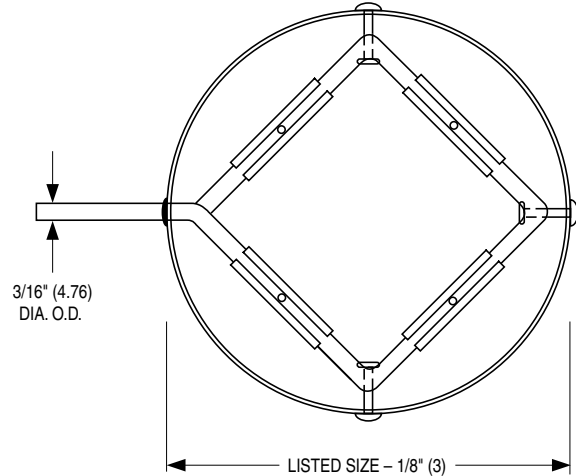
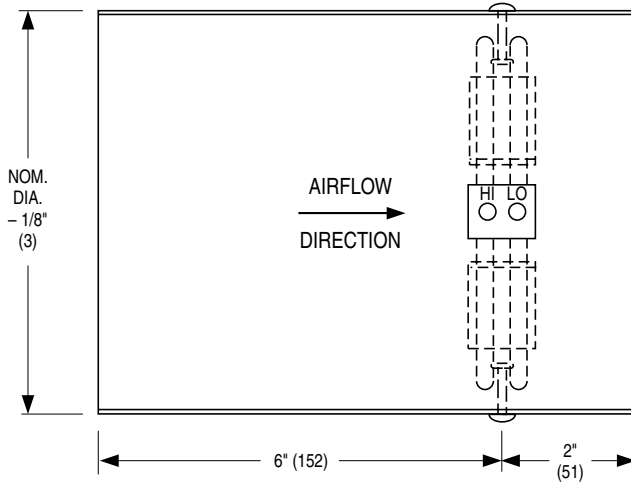




FLOW MEASURING STATION
ROUND DUCT • SLEEVE TYPE
MODEL: 36FMS



Description:

The Model 36FMS Flow Measuring Station is a multi-point averaging airflow sensor. It has been designed to provide accurate sensing by sampling air velocities in the four quadrants of a round duct. The differential pressure flow sensor provides an averaged reading at an amplification of approximately 2.5 times the velocity pressure, dependent upon nominal size.

Features:

- Available to suit nominal round ductwork sizes from 4" (102) to 18" (457) diameter.
- All metal construction - no combustible materials in the air stream.
- Amplifies velocity pressure approximately 2.5 times to give a wide range of useful output signal vs. flow.
- Compact size allows easy installation in existing ductwork.
- Sensor design minimizes pressure drop and regenerated noise.
- Label provided on each unit gives airflow vs. signal differential pressure for direct reading of airflow.
- Multi-point sensing gives an accurate output signal with a maximum deviation of only $\pm 5\%$ with a hard 90 degree elbow, provided a straight inlet condition with a minimum length of two equivalent duct diameters is provided.

Unit Size	Airflow Range cfm (l/s)
4	0 - 225 (0 - 106)
5	0 - 400 (0 - 189)
6	0 - 550 (0 - 260)
7	0 - 800 (0 - 378)
8	0 - 1100 (0 - 519)
9	0 - 1400 (0 - 661)
10	0 - 1840 (0 - 868)
12	0 - 2500 (0 - 1180)
14	0 - 3125 (0 - 1475)
16	0 - 3725 (0 - 1758)
18	0 - 5880 (0 - 2775)

Specifications:

Materials: Sensor - aluminum.
 Body - 22 ga. (0.86) galvanized steel.
 Media: Air or other common inert gases.
 Standard Tubing: 1/4" (6.35) O.D. x 0.04" (1.0) wall FR tubing (by others).

Options:

- Special Features.
 Specify: _____

SCHEDULE TYPE:	Dimensions are in inches (mm)			
PROJECT:				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	3 - 30 - 17	3600	8 - 20 - 08	36FMS-1