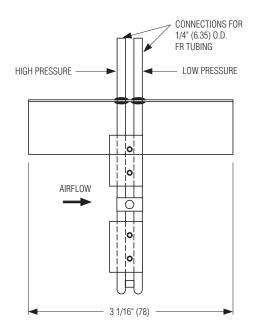
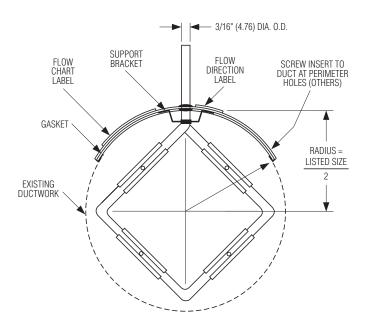


## FLOW MEASURING STATION **ROUND DUCT • INSERT TYPE**

MODEL: 36FMI





## **Description:**

The Model 36FMI Flow Measuring Station is a multipoint 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
- 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 ± 5% with a hard 90 degree elbow, provided a straight inlet condition with a minimum length of two equivalent duct diameters is provided.

## **Specifications:**

Materials: Sensor - aluminum.

Body - 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).

Recommended Application Range: 300 to 3000 fpm. Available Sizes: 4", 5", 6", 7", 8", 9", 10", 12", 14", 16", and 18" (102, 127, 152, 178, 203, 229, 254, 305, 356, 406 and 457) (to suit nominal round ductwork).

Options:
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Special Features.	
Specify:	

SCHEDULE TYPE:  Dimensions are in inches (mm)					
PROJECT:	Diffictions are in filches (fillif)				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR:	3 - 30 - 17	3600	7 - 23 - 03	36FMI-1	