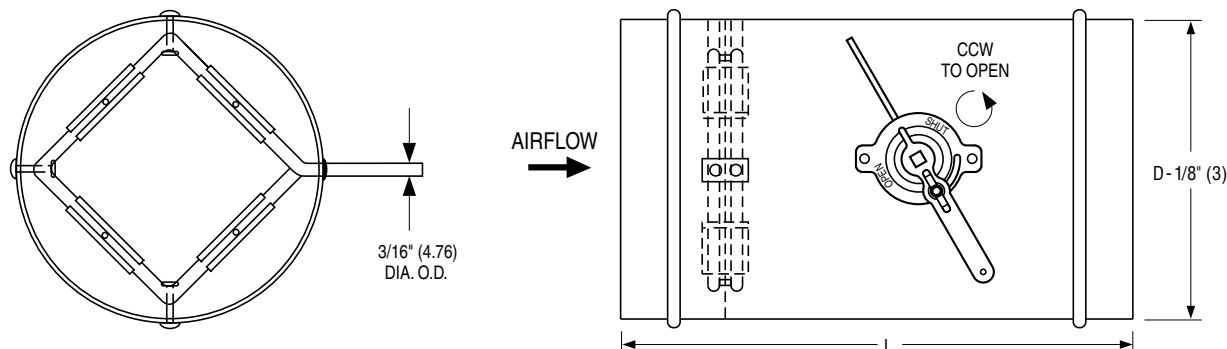




**FLOW MEASURING STATION
WITH BALANCING DAMPER
MODEL: 36FMSD**



Description:

The Model 36FMSD Flow Measuring Station is a multi-point averaging airflow sensor combined with integral balancing damper. The 36FMSD allows the field balancer to measure and adjust the airflow to a diffuser or other air terminal device located downstream.

The 36FMSD is an especially useful option for balancing individual displacement ventilation diffusers.

A chart is provided on the unit which gives airflow vs. signal differential pressure for direct reading of airflow.

Features:

- 22 ga. (0.86), corrosion-resistant steel casing with stiffening beads and corrosion-resistant steel blade up to 12" (305) dia., 20 ga. (1.00) over 12" (305) dia.
- Sized to fit nominal round duct sizes.
- Inlet and outlet stiffening beads provide a means for secure flexible duct connection.
- Balancing damper with hand locking quadrant.
- Multi-point averaging Diamond Flow Sensor: Aluminum construction.
- Sensor design minimizes pressure drop and regenerated noise.

Dimensional Data

Unit Size	Airflow Range cfm (l/s)	Duct Size D	Length L
4	0 – 225 (0 – 106)	4 (102)	13 (330)
5	0 – 400 (0 – 189)	5 (127)	13 (330)
6	0 – 550 (0 – 260)	6 (152)	13 (330)
7	0 – 800 (0 – 378)	7 (178)	13 (330)
8	0 – 1100 (0 – 519)	8 (203)	13 (330)
9	0 – 1400 (0 – 661)	9 (229)	13 (330)
10	0 – 1840 (0 – 868)	10 (254)	13 (330)
12	0 – 2500 (0 – 1180)	12 (305)	13 (330)
14	0 – 3125 (0 – 1475)	14 (356)	15 (381)
16	0 – 3725 (0 – 1758)	16 (406)	15 (381)
18	0 – 5880 (0 – 2775)	18 (457)	16 (406)

SCHEDULE TYPE:
PROJECT:
ENGINEER:
CONTRACTOR:

Dimensions are in inches (mm)

DATE	B SERIES	SUPERSEDES	DRAWING NO.
3 - 24 - 17	3600	4 - 10 - 14	36FMSD