

ELECTRA-flo/M STATION

THERMAL AIRFLOW MEASURING SYSTEM

RECTANGULAR CONFIGURATION

STANDARD CONSTRUCTION

Casing:	14 ga. galvanized sheet metal, intermittently welded, sealed with metal caulking.
Flanges:	1-1/2" wide, 90° formed flange for all sizes up to 144" x 144".
Casing Depth:	8"
Probe:	ELECTRA-flo probe, Level 1, Level 2, or Level 3. Refer to Submittal Sheet 4.82.00.
Probe Qty./Sensor Density:	Refer to Submittal Sheet 4.80.00.
Probe to Probe Connection:	Integral plenum rated cable with mini-DIN Snap & Lock connector for signal and power. Multiple probes connected serially in daisy chained configuration.
Station to Transmitter Connection:	Integral plenum rated cable with mini-DIN Snap & Lock connector. Standard length 10'.
Sensor Pattern:	On an equal area basis.

PERFORMANCE SPECIFICATIONS

Individual Sensor Accuracy:	±2% of reading
Station Accuracy:	±2 to 3% of flow when installed per recommended minimum installation requirements
Sensor Temperature Accuracy:	±0.1 °F
Qty. Calibration Points per Sensor:	6
Velocity Calibration Range:	0 to 4000 FPM
Operating Temperature:	-20 °F to 140 °F
Operating Humidity:	0 to 99% RH, non-condensing

HVAC Applications:

Suitable for use in Ducted Applications including: Supply Air, Return Air, and Outdoor Air.

Refer to manufacturer's instructions regarding minimum recommended installation requirements based on obstruction.

OPTIONAL CONSTRUCTION

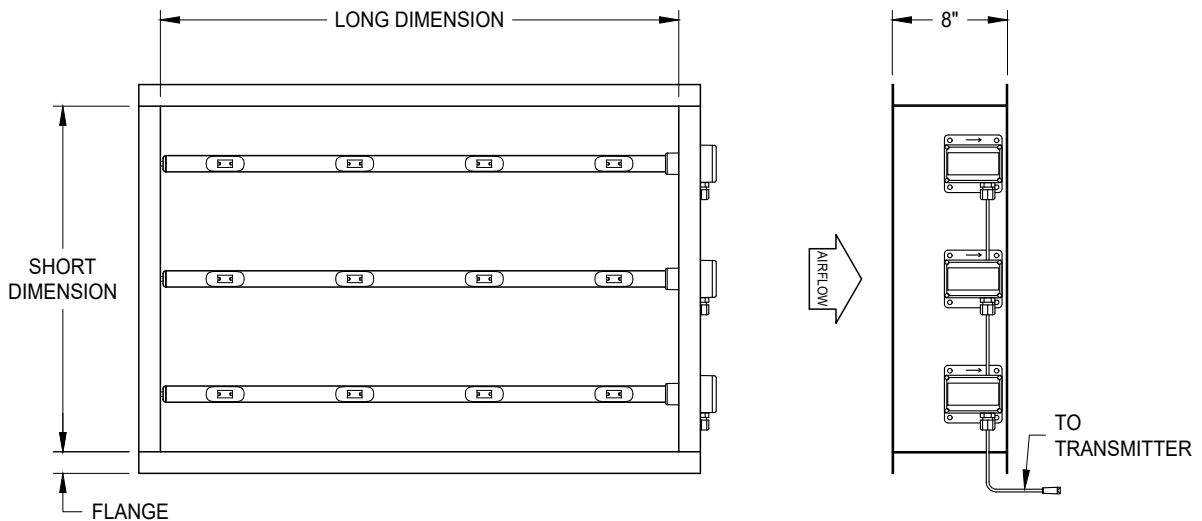
- Engraved identification tag. Probes mounted on the long side.
- Factory mounted transmitter (requires 12" casing depth).

- Probe Quantity / Sensor Density:
- Level 1 Level 2 Level 3
- Station to Transmitter Cable Length:
- 10' (default) 25' 50' 100'

ORDER CODE INFORMATION

Refer to Submittal Sheet 4.80.01 for Order Code Information.

DIMENSIONAL SPECIFICATIONS



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