

ELECTRA-flo PROBE ARRAY

EXTERNALLY MOUNTED

THERMAL AIR FLOW PROBE

Plus Series

STANDARD CONSTRUCTION

<p>Probe. Sensor Assembly. Sensor Type. Sensor Signal Processing. Mounting.</p> <p>Probe to Probe Signal Connection.</p> <p>Probe to Transmitter Signal Connection. Gasket. Probe Size Range. Sensor Pattern.</p> <p>Sensors Per Probe Array, Rectangular Ducts.</p>	<p>Type 6063 anodized aluminum. 1-1/8" diameter. Injection molded polycarbonate. Sealed thermistor. Microprocessor in each sensor, with 12 bit A/D conversion. External duct mounted via 4" x 4" aluminum plate. Threaded end support for probes larger than 18". Integral cable with RJ-45 connector. 2' to 10' long, depending upon duct dimensions. Multiple probes connect in serial configuration. Single cable with RJ-45 connector. Standard length 10'. Optional lengths 50' and 100'. Closed cell neoprene, 1/4" thick. 8" to 120" On an equal area basis for rectangular probes. On an equal concentric area basis for circular probes.</p>
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Station Area	Sensor Density
1 to <15 Sq. Ft.	1.50 Sq. Ft. per Sensor
15 to <30 Sq. Ft.	1.67 Sq. Ft. per Sensor
30 to <60 Sq. Ft.	2.10 Sq. Ft. per Sensor
60 to 100 Sq. Ft.	3.13 Sq. Ft. per Sensor

PERFORMANCE SPECIFICATIONS

<p>Individual Sensor Accuracy. Station Accuracy. Sensor Temperature Accuracy. Number of Calibration Points Per Sensor. Velocity Calibration Range. Humidity Range.</p>	<p>2% of reading 2-3% of flow ±0.1°F 6 0 to 5,000 FPM 0 to 95% RH, non condensing</p>
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DIMENSIONAL INFORMATION

