

# ELECTRA-fl<sub>o</sub>/SS PROBE ARRAY

## EXTERNALLY MOUNTED

## THERMAL AIR FLOW PROBE

**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.</p>	<p>Type 316SST Injection molded polycarbonate. Sealed thermistor. Microprocessor in each sensor, with 12 bit A/D conversion. External duct mounted via SST plate and NEMA 4X junction box. 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. Routed through flexible, non-metallic, liquid tight conduit. 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. 1-32. Dependent upon duct size and configuration.</p>
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**PERFORMANCE SPECIFICATIONS**

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

**DIMENSIONAL INFORMATION**

