

SUBMITTAL SHEET

VOLU-probe/1 EXTERNALLY MOUNTED AIRFLOW TRAVERSE PROBE



STANDARD CONSTRUCTION

Probe: 3/4" or 1 3/8" dual chambered, Type 6063 anodized aluminum extrusion.
Mounting: Aluminum mounting plate. Threaded end support for probes greater than 18" long.
Mounting Gasket: Neoprene.
Connection Fittings: 1/4" brass compression type.
Identification Label: Paper w/ pressure sensitive adhesive (Work Order Number, Model, Station ID, System ID, Size).

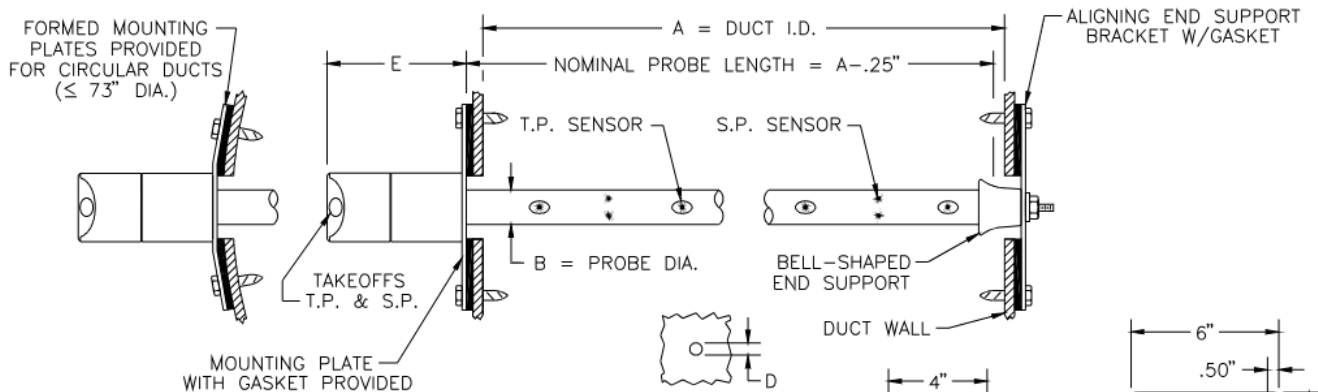
PERFORMANCE SPECIFICATIONS

Accuracy: 2%; dependent upon quantity and placement of probes to achieve traverse of ducted airflow.
Outputs: Individually averaged signals of total and static pressure.
Operating Velocity: 400-10,000 FPM.
Operating Temperature: Continuous operation to 200°F.
Directional Sensitivity: Not measurably affected by directional airflows with pitch and yaw angles up to 30°.
Traverse Pattern: On an equal area basis for rectangular probes. On an equal concentric area basis for circular probes.
Resistance: Less than 0.1 times the velocity pressure head at probe operating velocity.

OPTIONAL CONSTRUCTION

- ☐ Connection Fittings: Brass barbed for 1/4" OD tubing
- ☐ Non-Standard Sensor Pattern: For internal or external insulation

DIMENSIONAL SPECIFICATIONS



DIMENSIONAL CHART

A"	B"	C"	D"	E"	MOUNTING PLATE
>8-18	.75	1.25	None	1.50	4" x 4"
>18-48	.75	1.25	.31	1.50	4" x 4"
>48-144	1.38	2.00	.38	2.00	6" x 6"