

VOLU-probe / 1SS – COMMERCIAL EXTERNALLY MOUNTED STAINLESS STEEL AIRFLOW TRAVERSE PROBE

STANDARD CONSTRUCTION

Probe.	1/2" or 3/4" tube, Type 316 stainless steel.
Mounting.	Type 316 stainless steel mounting plate. Threaded end support for probes > 18" long.
Mounting Gasket,	Neoprene.
Connection Fitting.	1/4" FPT stainless steel.
Identification Tag.	Engraved Type 316 stainless steel.

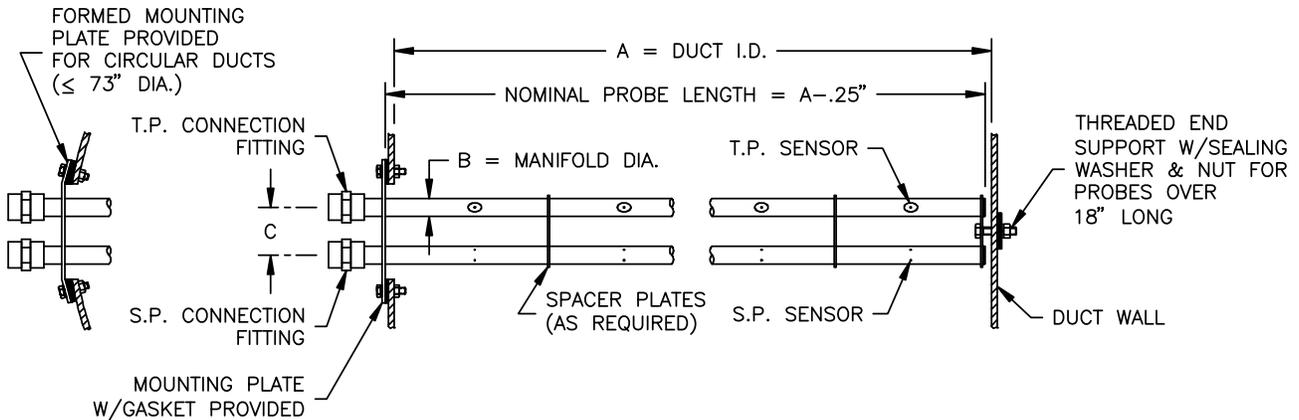
PERFORMANCE SPECIFICATIONS

Accuracy.	2-3%; 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 and 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

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| <input type="checkbox"/> Connection Fittings
Stainless steel, 1/4" compression x 1/4" MPT | <input type="checkbox"/> Non-Standard Sensor Pattern
For internal or external insulation | <input type="checkbox"/> PVC Construction |
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DIMENSIONAL SPECIFICATIONS



DIMENSIONAL CHART					MOUNTING PLATE
A"	B"	C"	D"	E"	
12-18	.50	1.50	2.50	NONE	4" x 4"
>18-24	.50	1.50	2.50	.31	
>24-120	.75	2.00	4.00	.38	6" x 6"

