

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

### STANDARD CONSTRUCTION

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

### PERFORMANCE SPECIFICATIONS

<b>Accuracy.</b>	2%; dependent upon placement of probe to achieve traverse of ducted airflow.
<b>Outputs.</b>	Averaged signal of static pressure.
<b>Operating Velocity.</b>	0-10,000 FPM.
<b>Operating Temperature.</b>	Continuous operation to 200°F.
<b>Directional Sensitivity.</b>	Not measurably affected by directional airflows with pitch and yaw angles up to 30°.
<b>Traverse Pattern.</b>	On an equal area basis for rectangular probes. On an equal concentric area basis for circular probes.
<b>Resistance.</b>	Less than 0.1 times the velocity pressure head at probe operating velocity.

### OPTIONAL CONSTRUCTION

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

