SUBMITTAL SHEET

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

STANDARD CONSTRUCTION

Probe. ½" or ¾" tube sensing manifold, threaded end support, washer and nut, mounting plate with signal takeoff connection, and identification tag, all fabricated of Type 316 stainless steel. Neoprene gaskets included.
Mounting. External duct mounted. Threaded end support for probes greater than 18" long.
Connection Fitting. ¼" FPT stainless steel.
Operating Temperature. Continuous operation to 900ºF.

PERFORMANCE SPECIFICATIONS

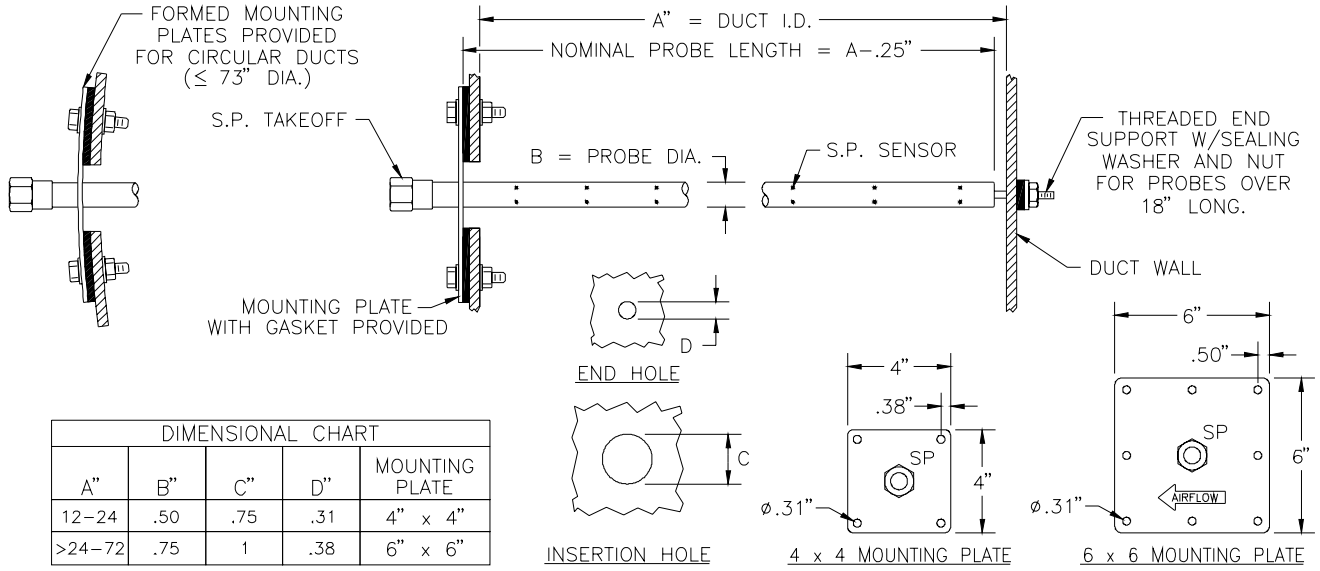
Accuracy. 2-3%; dependent upon placement of probe to achieve traverse of ducted airflow.
Outputs. Averaged signal of static pressure.
Operating Velocity. 100-10,000 FPM.
Directional Sensitivity. Not measurably affected by directional airflows with pitch and yaw angles up to 30º.
Traverse Pattern. On 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 Fitting.
❑ ¼" Compression
❑ C\," Compression

High Temperature Gaskets.
❑ Silicone; for continuous operation between 200ºF and 400ºF.

DIMENSIONAL SPECIFICATIONS



DIMENSIONAL CHART				
A"	B"	C"	D"	MOUNTING PLATE
12–24	.50	.75	.31	4" x 4"
>24–72	.75	1	.38	6" x 6"

P.O. Box 6358 • Santa Rosa, CA 95406 • (707) 544-2706 • (707) 526-2825 Fax

AIR MONITOR CORPORATION