

VOLU-probe / AS STATION

AMPLIFIED SIGNAL AIRFLOW TRAVERSE STATION

CIRCULAR CONFIGURATION – 90° FLANGE

STANDARD CONSTRUCTION	
Casing.	18 ga. galvanized sheetmetal, spot welded casing seams.
Flanges.	Up to 24" dia: 1" flange, 14 ga. galvanized sheetmetal, fusion welded to the casing. 25" - 44" dia: 1-1/2" flange, 14 ga. galvanized sheetmetal, fusion welded to the casing. 45" plus: 3/16" x 2" carbon steel barstock flange, fusion welded to the casing.
Total and Static Pressure Sensors.	Type 6063 extruded aluminum.
Casing Depth.	6"
Operating Temperature.	Continuous operation to 200°F.
Velocity Range.	120 to 600 FPM.
Flow Equation.	$CFM = Area \times 2897 \times \text{Sqrt}(DP) @ 70^\circ F \text{ and } 29.921" \text{ Hg.}$
Connection Fittings.	1/4" brass compression type.

OPTIONAL CONSTRUCTION	
<input type="checkbox"/> Epoxy Polyamide Coating <input type="checkbox"/> Casing interior and sensor exteriors <input type="checkbox"/> Inside and outside of casing only <input type="checkbox"/> Sensor and manifold exteriors only <input type="checkbox"/> Brass Connection Fittings <input type="checkbox"/> 3/8" compression type <input type="checkbox"/> Barbed fitting for 1/4" tube <input type="checkbox"/> Barbed fitting for 3/8" tube	<input type="checkbox"/> Polyurethane Coating <input type="checkbox"/> Casing interior and sensor exteriors <input type="checkbox"/> Inside and outside of casing only <input type="checkbox"/> Sensor and manifold exteriors only <input type="checkbox"/> Extended Flanges. Size _____ <input type="checkbox"/> Bolt Holes. Qty _____ Size _____ Bolt Circle Diameter _____

