

VOLU-probe/VS STATION – COMMERCIAL CIRCULAR CONFIGURATION – STAINLESS STEEL BEADED EDGE



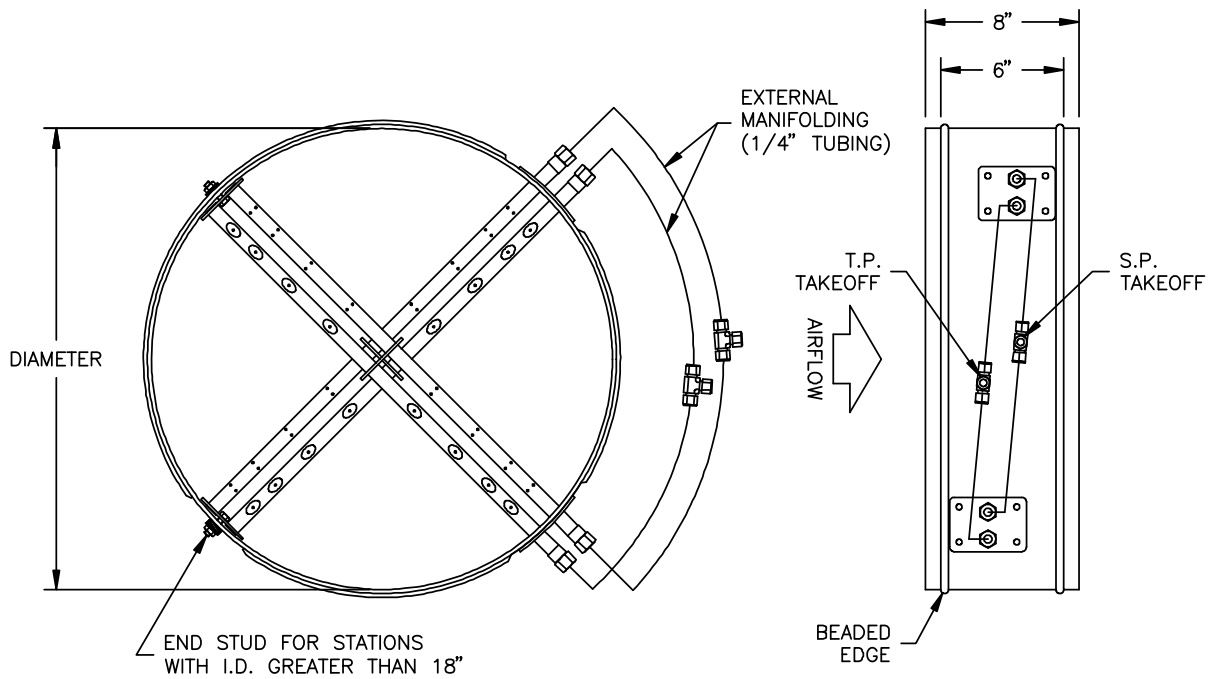
STANDARD CONSTRUCTION

Casing. 18 gauge, Type 316 stainless steel, spot welded casing seams.
Flanges. Beaded edge only available on measuring stations with a diameter $\geq 8"$, $\leq 24"$.
Total Pressure Probes. Type 316 stainless steel. Neoprene gaskets.
Static Pressure Probes. Type 316 stainless steel. Neoprene gaskets.
Casing Depth. 8" deep. 6" from bead-to-bead.
Connection Fittings. 1/4" stainless steel compression type.
Identification Label. Stainless steel, tack welded on (Work Order Number, ID Number).

PERFORMANCE SPECIFICATIONS

Accuracy. 2% when installed per recommended minimum installation requirements.
Outputs. Individually averaged signals of total and static pressure.
Operating Velocity. 400 - 4000 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. Equal area.
Resistance. 0.085" w.c. @ 4000 FPM.

DIMENSIONAL SPECIFICATIONS



DIAMETER	NUMBER OF PROBES
8" THRU 18"	1
>18" THRU 24"	2

For **OPTIONAL CONSTRUCTION**, refer to Submittal Sheet
"Optional Construction - Stations" – 3.68.0

