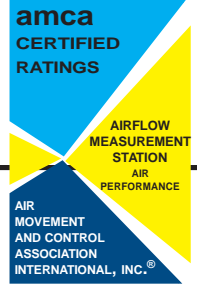


VOLU-probe/VS STATION – COMMERCIAL CIRCULAR CONFIGURATION 90° FLANGE

SUBMITTAL SHEET



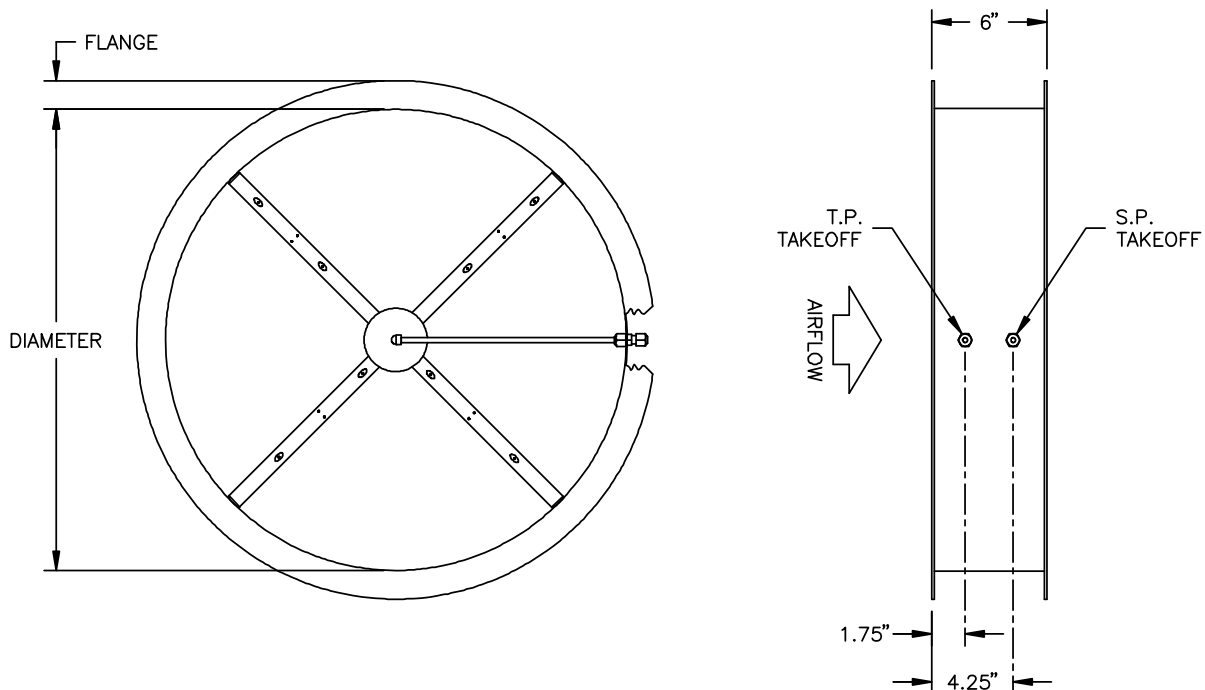
STANDARD CONSTRUCTION

Casing.	18 ga. galvanized sheetmetal, spot welded casing seams.
Flanges.	Diameters $\leq 24"$: 1" flange, 14 ga. galvanized sheetmetal, fusion welded to the casing. Diameters $>24"$, $\leq 44"$: 1-1/2" flange, 14 ga. galvanized sheetmetal, fusion welded to the casing. Diameters $>44"$: 3/16" x 2" carbon steel barstock flange, fusion welded to the casing.
Total Pressure Probes.	Type 6063 extruded aluminum, sealed with silicone RTV.
Static Pressure Probes.	Type 6063 extruded aluminum, sealed with silicone RTV.
Casing Depth.	6" deep
Connection Fittings.	1/4" brass compression type.
Identification Label.	Paper w/pressure sensitive adhesive (Work Order Number, ID Number, Size, Shape, Station Area, Design Volume if available, System Served if applicable).

PERFORMANCE SPECIFICATIONS

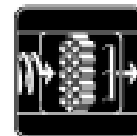
Accuracy.	2% when installed per recommended minimum installation requirements.
Outputs.	Individually averaged signals of total and static pressure.
Operating Velocity.	400 - 4000 FPM.
Operating Temperature.	Continuous operation to 200°F.
Directional Sensitivity.	Not measurably affected by directional airflows with pitch and yaw angles up to 30°.
Traverse Pattern.	Equal area.
Resistance.	0.085" w.c. @ 4000 FPM.

DIMENSIONAL SPECIFICATIONS



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

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