

# Aluminum LO-flo PITOT TRAVERSE STATION

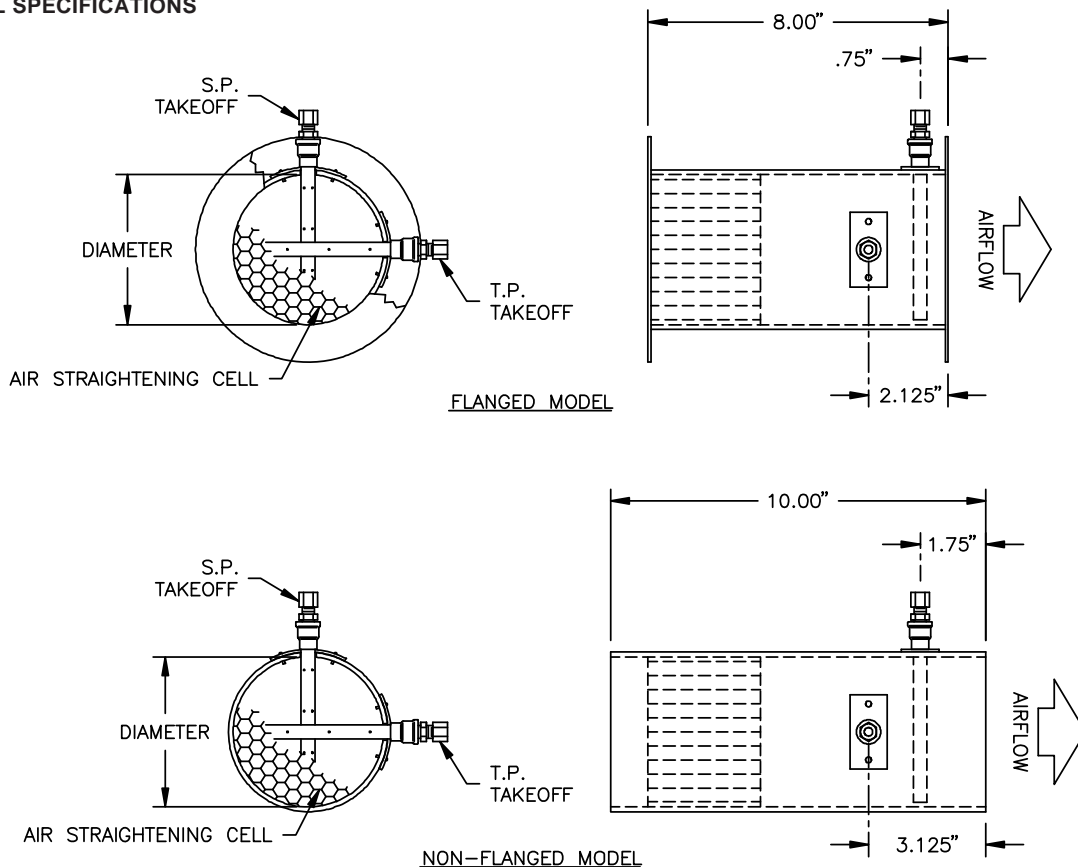
## STANDARD CONSTRUCTION

<b>Casing.</b>	Type 3004-H26 aluminum tube.
<b>Flanges.</b>	1" flange, 0.08" aluminum sheetmetal, fusion welded to the casing.
<b>Air Straightener.</b>	Corrosion resistant 3003 aluminum. 3" deep x 3/8" cell.
<b>Total Pressure Probe.</b>	Copper tubing assembled with 50/50 tin/lead solder. Stainless steel mounting bracket.
<b>Static Pressure Probe.</b>	Copper tubing assembled with 50/50 tin/lead solder. Stainless steel mounting bracket.
<b>Casing Depth.</b>	8" deep on flanged unit. 10" deep on non-flanged unit.
<b>Connection Fittings.</b>	1/4" brass compression type.
<b>Identification Label.</b>	Paper w/pressure sensitive adhesive (Work Order Number, ID Number, Size, Shape, Station Area).

## PERFORMANCE SPECIFICATIONS

<b>Accuracy.</b>	2% when installed per recommended minimum installation requirements.
<b>Outputs.</b>	Individually averaged signals of total and static pressure.
<b>Operating Velocity.</b>	400 - 4000 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>	Equal area.
<b>Resistance.</b>	0.3" w.c. @ 4000 FPM.

## DIMENSIONAL SPECIFICATIONS



SIZE	4"	5"	6"	7"	8"
O.D.	4.00	5.00	6.00	7.00	8.00
I.D.	3.90	4.90	5.88	6.87	7.87

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

