

# COMBUSTION AIRFLOW (CA) STATION

## CIRCULAR with Sensing Manifold Cleanout (C.O.) Plugs

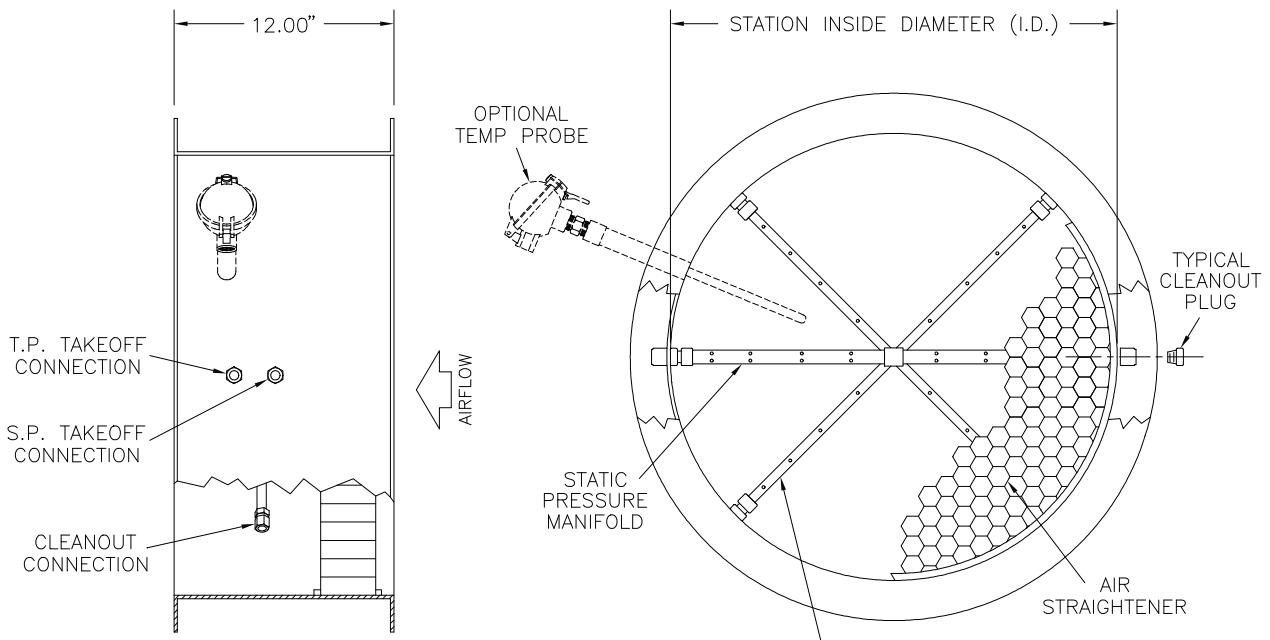
**STANDARD CONSTRUCTION**

<b>Casing.</b>	3/16" carbon steel, continuous welded.
<b>Flanges.</b>	2" wide, 3/16" carbon steel, welded to casing.
<b>Air Straightener.</b>	1" hexagonal cell, 3" deep, 0.022" thick, carbon steel.
<b>Total Pressure (T.P.) Manifolds.</b>	Type 316 stainless steel.
<b>Static Pressure (S.P.) Manifolds.</b>	Type 316 stainless steel.
<b>Signal Connection Fittings.</b>	1/2" FPT, 316 stainless steel. (with more than 24 T.P. sensors require 3/4" FPT.)
<b>Manual Cleanout (C.O.) Plugs.</b>	3/8" FPT, carbon steel.

**OPTIONAL CONSTRUCTION**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> 1/4" carbon steel casing and plate/bar flanges.</li> <li><input type="checkbox"/> Special flanges.</li> <li><input type="checkbox"/> Factory drilled bolt holes.</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Casing and flanges painted with iron oxide primer.</li> <li><input type="checkbox"/> Temperature sensor and transmitter capable of 4-20mA output.</li> <li><input type="checkbox"/> Bellmouth on air intake side.</li> </ul> |
|---|--|

**DIMENSIONAL SPECIFICATIONS**



TOTAL PRESSURE TRAVERSE TABLE:

I.D.	TRAVERSES	SENSORS PER TRAVERSE
8" - 12"	2	6
>12" - 18"	2	8
>18" - 30"	3	6
>30" - 48"	3	8
>48" - 84"	3	10
>84"	3	12

QUANTITY OF TOTAL PRESSURE MANIFOLD TRAVERSES IS DETERMINED BY "I.D." DIMENSION (SEE TABLE)