

COMBUSTION AIRFLOW (CA) STATION

RECTANGULAR

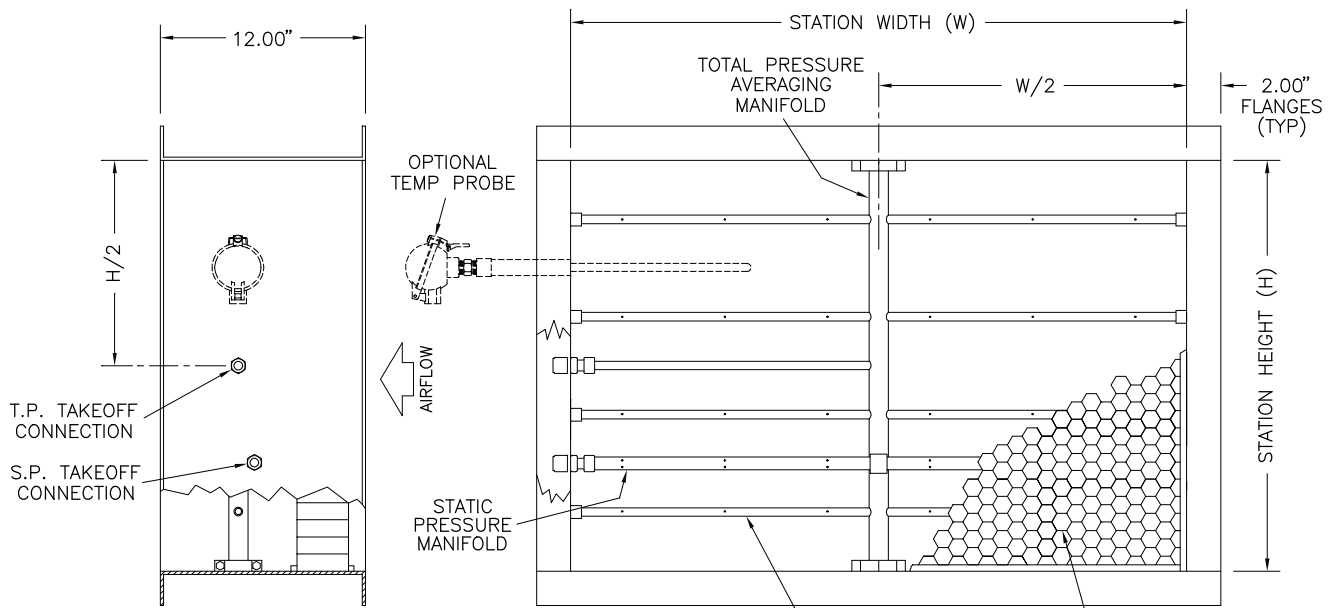
STANDARD CONSTRUCTION

Casing.	3/16" carbon steel, continuous welded.
Flanges.	2" wide, 3/16" carbon steel formed 90°.
Air Straightener.	1" hexagonal cell, 3" deep, 0.022" thick, carbon steel.
Total Pressure (T.P.) Manifolds.	Type 316 stainless steel.
Static Pressure (S.P.) Manifolds.	Type 316 stainless steel.
Signal Connection Fittings.	1/2" FPT, 316 stainless steel. (Units with more than 24 T.P. sensors require 3/4" FPT.)

OPTIONAL CONSTRUCTION

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



TOTAL PRESSURE MANIFOLD TABLES:

"H"	MANIFOLDS	"W"	SENSORS PER MANIFOLD
≤ 12"	2	≤ 12"	2
>12" - 24"	4	>12" - 24"	4
>24" - 42"	6	>24" - 42"	6
>42" - 64"	8	>42" - 64"	8
>64" - 100"	10	>64" - 100"	10
>100" - 144"	12	>100" - 144"	12

QUANTITY OF TOTAL PRESSURE MANIFOLDS IS DETERMINED BY "H" DIMENSION. QUANTITY OF T.P. SENSOR POINTS IS DETERMINED BY "W" DIMENSION (SEE TABLE)

AIR STRAIGHTENER