

COMBUSTION AIRFLOW (CA) STATION

RECTANGULAR with Sensing Manifold Cleanout (C.O.) Plugs

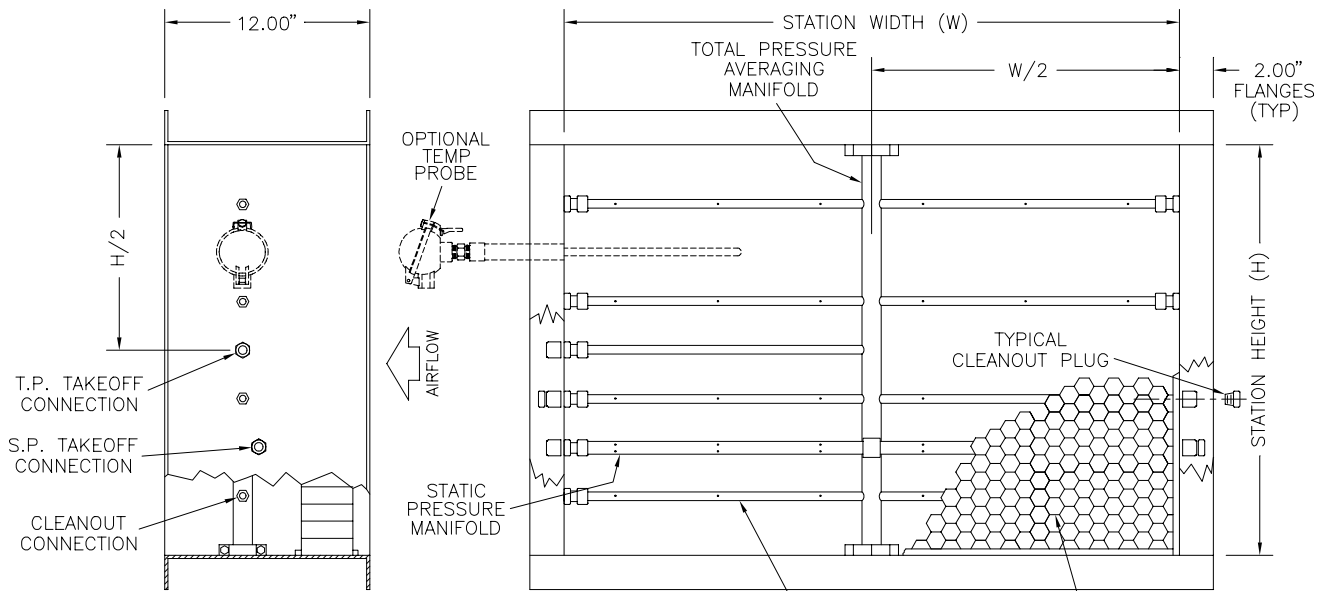
STANDARD CONSTRUCTION

- | | |
|--|---|
| 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.) |
| Manual Cleanout (C.O.) Plugs. | 3/8" FPT, carbon steel. |

OPTIONAL CONSTRUCTION

- | | |
|---|---|
| <input type="checkbox"/> 1/4" carbon steel casing and formed flanges. | <input type="checkbox"/> Casing and flanges painted with iron oxide primer. |
| <input type="checkbox"/> Special flanges. | <input type="checkbox"/> Temperature sensor and transmitter capable of 4-20mA output. |
| <input type="checkbox"/> Factory drilled bolt holes. | <input type="checkbox"/> Bellmouth on air intake side. |

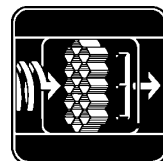
DIMENSIONAL SPECIFICATIONS



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 MONITOR CORPORATION