

CA STATION

COMBUSTION AIRFLOW MANAGEMENT

RECTANGULAR CONFIGURATION

STANDARD CONSTRUCTION																																												
Casing:	7 ga. (0.179") thick carbon steel, continuously welded.																																											
Flanges:	2" wide, 7 ga (0.179") thick carbon steel, integral to casing.																																											
Casing Depth:	12"																																											
Air Straightener:	1" hexagonal cell, 3" deep, 0.022" thick, carbon steel.																																											
Total Pressure Manifold:	Type 316 stainless steel.																																											
Static Pressure Manifold:	Type 316 stainless steel.																																											
Signal Connection Fittings:	1/2" FPT, 316 stainless steel. (Units with more than 24 total pressure sensors require 3/4" FPT.)																																											
PERFORMANCE SPECIFICATIONS																																												
Station Accuracy:	±2 to 3% of flow when installed per recommended minimum installation requirements.																																											
Operating Velocity:	0 to 5000 FPM (standard, 0 to 8000 FPM with high velocity construction option)																																											
Operating Temperature:	-20 °F to 900 °F																																											
Operating Humidity:	0 to 99% RH, non-condensing																																											
OPTIONAL CONSTRUCTION																																												
<input type="checkbox"/> 1/4" thick carbon steel casing & flanges.	<input type="checkbox"/> Stainless steel air straightener.	<input type="checkbox"/> Extended casing depth.																																										
<input type="checkbox"/> Extended flanges.	<input type="checkbox"/> All stainless steel construction.	<input type="checkbox"/> High velocity construction (up to 8000 FPM).																																										
<input type="checkbox"/> Factory drilled alignment or bolt holes.	<input type="checkbox"/> Integral temperature probe.	<input type="checkbox"/> Integral traverse ports (requires 18" casing depth).																																										
<input type="checkbox"/> Bellmouth inlet.																																												
DIMENSIONAL INFORMATION																																												
<p style="text-align: center;">TOTAL PRESSURE MANIFOLD (QUANTITY OF MANIFOLDS & SENSORS DETERMINED BY STATION SIZE, SEE TABLES)</p>																																												
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