

OAM II AIRFLOW STATION

OUTDOOR AIRFLOW MEASURING SYSTEM

PAGE 1 OF 2

STANDARD CONSTRUCTION	
<p>Casing: 14 ga. galvanized sheet metal, intermittently welded, sealed with metal caulking.</p> <p>Flanges: 1-1/2" wide, 90° formed flanges.</p> <p>Screen: Perforated galvanized metal. 51% open area. 16 ga. (.0635" thick), 3/16" diameter holes on 1/4" staggered centers, 18.5 holes per sq. inch.</p> <p>Flow Sensor: Uni-Sensor style, Type 316 Stainless Steel, 3" length. One sensor required per 30 sq. ft. of station size.</p> <p>Connection Fittings: Stainless steel compression bulkheads.</p> <p>Temperature Sensor: 100 ohm platinum RTD, 3 wire.</p>	
PERFORMANCE SPECIFICATIONS	
<p>Free Inlet (Hood) Application Accuracy: +/- 5% of reading from 150 to 2400 SFPM, AMCA listed.</p> <p>Ducted Application Accuracy: +/- 5% of reading from 150 to 2400 SFPM, AMCA listed.</p>	
OPERATING CONDITIONS	
<p>Fluid Temperature Range: -40 to 120 °F</p>	
DIMENSIONAL INFORMATION	
<p>NOTE: If a damper is to be mounted immediately downstream of station, damper blades must not extend into casing. Select a longer 'W' dimension.</p>	

P.O. Box 6358, Santa Rosa, CA 95406 (707) 544-2706
 www.airmonitor.com hvacsales@airmonitor.com



OAM II AIRFLOW STATION

OUTDOOR AIRFLOW MEASURING SYSTEM

PAGE 2 OF 2

<p>ORDER CODE INFORMATION</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold; margin-top: 20px;">OAM II-AFS-LSW-EFG-HHI</p>																		
<p>L - CASING LONG DIMENSION OR DIAMETER (inches)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">A = 8 to 12</td> <td style="width: 50%;">G = 73 to 84</td> </tr> <tr> <td>B = 13 to 24</td> <td>H = 85 to 96</td> </tr> <tr> <td>C = 25 to 36</td> <td>I = 97 to 108</td> </tr> <tr> <td>D = 37 to 48</td> <td>J = 109 to 120</td> </tr> <tr> <td>E = 49 to 60</td> <td>K = 121 to 132</td> </tr> <tr> <td>F = 61 to 72</td> <td>L = 133 to 144</td> </tr> </table>	A = 8 to 12	G = 73 to 84	B = 13 to 24	H = 85 to 96	C = 25 to 36	I = 97 to 108	D = 37 to 48	J = 109 to 120	E = 49 to 60	K = 121 to 132	F = 61 to 72	L = 133 to 144						
A = 8 to 12	G = 73 to 84																	
B = 13 to 24	H = 85 to 96																	
C = 25 to 36	I = 97 to 108																	
D = 37 to 48	J = 109 to 120																	
E = 49 to 60	K = 121 to 132																	
F = 61 to 72	L = 133 to 144																	
<p>S - CASING SHORT DIMENSION (inches)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">A = 8 to 12</td> <td style="width: 33%;">G = 73 to 84</td> <td style="width: 33%;">R = Round Duct</td> </tr> <tr> <td>B = 13 to 24</td> <td>H = 85 to 96</td> <td></td> </tr> <tr> <td>C = 25 to 36</td> <td>I = 97 to 108</td> <td></td> </tr> <tr> <td>D = 37 to 48</td> <td>J = 109 to 120</td> <td></td> </tr> <tr> <td>E = 49 to 60</td> <td>K = 121 to 132</td> <td></td> </tr> <tr> <td>F = 61 to 72</td> <td>L = 133 to 144</td> <td></td> </tr> </table>	A = 8 to 12	G = 73 to 84	R = Round Duct	B = 13 to 24	H = 85 to 96		C = 25 to 36	I = 97 to 108		D = 37 to 48	J = 109 to 120		E = 49 to 60	K = 121 to 132		F = 61 to 72	L = 133 to 144	
A = 8 to 12	G = 73 to 84	R = Round Duct																
B = 13 to 24	H = 85 to 96																	
C = 25 to 36	I = 97 to 108																	
D = 37 to 48	J = 109 to 120																	
E = 49 to 60	K = 121 to 132																	
F = 61 to 72	L = 133 to 144																	
<p>W - CASING WIDTH (inches)</p> <p>A = 8" casing depth (default) C = Up to 16" casing depth D = Up to 24" casing depth N = Custom casing depth</p>																		
<p>E - CASING MATERIAL</p> <p>1 = Galvanized Steel, 14 ga. with 1-1/2" flanges N = Custom</p>																		
<p>F - SCREEN MATERIAL</p> <p>1 = Perforated galvanized metal, 51% free area N = Custom</p>																		
<p>G - PROCESS CONNECTIONS</p> <p>1 = 1/8" FNPT 2 = 1/8" FNPT with 1/4" compression 3 = 1/8" FNPT with 3/16" hose barb</p>																		
<p>HH - NUMBER OF UNI-SENSORS (1 sensor required for every 30 sq.ft. of station area)</p> <p>01 = 1 Sensor nn = Number of Uni-Sensors, up to 10</p>																		
<p>I - UNI-SENSOR DESIGN</p> <p>3 = 3" long Uni- Sensor (typical)</p>																		

P.O. Box 6358, Santa Rosa, CA 95406 (707) 544-2706
 www.airmonitor.com hvacsales@airmonitor.com

