

# VOLU-probe / SM with 2" – 150 lb. FLANGE

## AIRFLOW TRAVERSE PROBE

### FOR CLEAN AIR APPLICATIONS ONLY

<b>STANDARD CONSTRUCTION</b>											
<b>Probe.</b>	Single 1/2" or 3/4" O.D. tube sensing manifold, 2"–150# raised face mounting flange, and identification tag										
<b>Material.</b>	316 Stainless Steel Tube										
<b>Signal Connections.</b>	1/4"-18 FPT										
<b>PERFORMANCE SPECIFICATIONS</b>											
<b>Accuracy.</b>	2-3%; dependent upon quantity and placement of probes to achieve traverse of ducted airflow										
<b>Outputs.</b>	Individually averaged signals of total and static pressure										
<b>Operating Velocity.</b>	400 - 10,000 FPM										
<b>Operating Temperature.</b>	Continuous operation to 900°F										
<b>Traverse Pattern.</b>	Rectangular Ducts: Equal Area	Circular Ducts: Equal Concentric Area									
<b>OPTIONAL CONSTRUCTION</b>											
<b>Signal Connections</b>	<b>Flange Standoff</b>	<b>Mounting Flange</b>	<b>Bolt Hole Orientation</b>								
<input type="checkbox"/> 1/8"-27 FPT	<input type="checkbox"/> 4" (standard) <input type="checkbox"/> Other _____	<input type="checkbox"/> 4" – 150# raised face mounting flange	<input type="checkbox"/> 1-Up <input type="checkbox"/> 2-Up (standard)								
<b>DIMENSIONAL SPECIFICATIONS</b>											
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">DIMENSIONAL CHART</th> </tr> <tr> <th style="text-align: center;">A"</th> <th style="text-align: center;">B"</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">3–12</td> <td style="text-align: center;">.50</td> </tr> <tr> <td style="text-align: center;">&gt;12–36</td> <td style="text-align: center;">.75</td> </tr> </tbody> </table>				DIMENSIONAL CHART		A"	B"	3–12	.50	>12–36	.75
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<p>NOTE: PROBES LONGER THAN 24" REQUIRE AN END SUPPORT. SEE SUBMITTAL SHEET 4.45.9</p>											