

## VOLU-probe /1 EXTERNALLY MOUNTED AIRFLOW TRAVERSE PROBE



### STANDARD CONSTRUCTION

**Probe.** 3/4" or 1-3/8" dual chambered. Type 6063 anodized aluminum extrusion and mounting plate.  
**Mounting.** External duct mounted. Threaded end support for probes greater than 18" long.  
**Connection Fittings.** 1/4" brass compression type.  
**Operating Temperature.** Continuous operation to 200°F.

### PERFORMANCE SPECIFICATIONS

**Accuracy.** 2%; dependent upon quantity and placement of probes to achieve traverse of ducted airflow.  
**Outputs.** Individually averaged signals of total and static pressure.  
**Operating Velocity.** 400-10,000 FPM.  
**Directional Sensitivity.** Not measurably affected by directional airflows with pitch and yaw angles up to 30°.  
**Traverse Pattern.** On an equal area basis for rectangular probes. On an equal concentric area basis for circular probes.  
**Resistance.** Less than 0.1 times the velocity pressure head at probe operating velocity.

### OPTIONAL CONSTRUCTION

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| <p><b>Protective Coatings.</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Epoxy Polyamide</li> <li><input type="checkbox"/> Polyurethane</li> </ul> | <p><b>Connection Fittings.</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 3/8" brass compression type</li> <li><input type="checkbox"/> Brass barbed for 1/4" OD tubing</li> <li><input type="checkbox"/> Brass barbed for 3/8" OD tubing</li> </ul> |
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### DIMENSIONAL SPECIFICATIONS

