Air Velocity Meters

Series 400 Air Velocity Meters with Combination Inclined/Vertical Scales

<table>
<thead>
<tr>
<th>Model</th>
<th>Range in w.c.</th>
<th>Velocity FPM</th>
<th>Inclined Scale</th>
<th>Vertical Scale</th>
<th>Pitot Tube</th>
</tr>
</thead>
<tbody>
<tr>
<td>400-5-S-Kit</td>
<td>0-5</td>
<td>400-9000</td>
<td>.01, 0-1.0</td>
<td>.10, 1-5</td>
<td>8 in</td>
</tr>
<tr>
<td>400-5-L-Kit</td>
<td>0-5</td>
<td>400-9000</td>
<td>.01, 0-1.0</td>
<td>.10, 1-5</td>
<td>none</td>
</tr>
<tr>
<td>400-5-Gage</td>
<td>0-5</td>
<td>400-9000</td>
<td>.01, 0-1.0</td>
<td>.10, 1-5</td>
<td>none</td>
</tr>
<tr>
<td>400-10-Kit</td>
<td>0-10</td>
<td>400-12,600</td>
<td>.01, 0-1.0</td>
<td>.10, 1-10</td>
<td>18 in</td>
</tr>
<tr>
<td>400-10-Gage</td>
<td>0-10</td>
<td>400-12,600</td>
<td>.01, 0-1.0</td>
<td>.10, 1-10</td>
<td>none</td>
</tr>
<tr>
<td>400-23-Kit</td>
<td>0-23</td>
<td>400-19,200</td>
<td>.02, 0-2.3</td>
<td>.20, 2.3-23</td>
<td>18 in</td>
</tr>
<tr>
<td>400-23-Gage</td>
<td>0-23</td>
<td>400-19,200</td>
<td>.02, 0-2.3</td>
<td>.20, 2.3-23</td>
<td>none</td>
</tr>
</tbody>
</table>

*Model 400-5-S is 11 x 11-1/2 x 2-1/2". Contact factory for extra long steel cases for use with longer Pitot tubes.

Measure both pressure and air velocity

Read the red figures directly in feet per minute of velocity — from 400 to 10,000 f.p.m. No conversion tables needed for air at standard conditions. Read the black figures in inches of water column air pressure — from 0 to 10" w.c.

Our most popular precision air velocity instrument, the Series 400 is used to balance air conditioning systems, measure pressure drop across filters, and test fan and blower discharge and inlet pressures, as well as air velocity in ducts. It offers the convenience of a dual purpose instrument – plus high accuracy on easy-to-read scales. The Series 400 includes leveling adjustment and glass bubble level, which makes it a versatile all around manometer for the air conditioning and balancing contractor or industrial plant.

Model 400-5 Air Meter
0-5" W.C., 400-9000 f.p.m.

Complete Kit, Model 400-10
Size* 11 1/2”H x 20 1/4”W x 1 1/2”D.
Only 13 1/4 lb with equipment.

Simple and quick, the 460 Air Meter is popular for servicing air conditioning, heating and ventilating equipment. Direct reading velocity and static pressure scales — both low and high ranges — show supply and return grille velocities, furnace draft, pressure drop across filters, etc. The 460 gives consistent, accurate results with no tedious calibration. Rugged plastic for rough daily use. Dual velocity ranges read 260-1200 and 1000-4000 fpm; pressure ranges from .005-.09 and .05 -1.0 inches w.c.

Model 460, Air Meter, complete kit

ACCESSORIES
A-378, Tube of 3 replacement floats
A-379, Supply grill probe
A-380, Return grill probe
A-381, Cleaning kit including 1 anti-static chemically treated pipe stem cleaner and nylon high range orifice cleaner

A Complete Pocket-Size Kit
Includes air meter, return and supply grille probes, angle connector, cleaning materials, instruction card, air velocity calculator and carrying case.

Furnace draft (left)
Grille velocities (right)