AIR VELOCITY KITS
Digital Manometer and Pitot Tube for Balancing System Air Flows

Convenient all-in-one Series 475-AV & 477-AV Air Velocity Kits are small, light and easy to use. No set-up or leveling needed. An indispensable test kit for the plant engineer, and HVAC technician that must balance system air flows at start-up.

FEATURES/BENEFITS

• Comprehensive kit for HVAC and industrial applications
• Rugged construction for longevity
• Conversion from pressure to air velocity made easy
• Proudly assembled in the USA

APPLICATIONS

• Building commissioning
• Building HVAC test and balance
• Critical environment testing
• Industrial process verification
• Instrumentation validation

THE SERIES 475-XX-FM-AV KIT INCLUDES:

• Series 475 digital manometer
  (±0.5% FS accuracy and minor divisions to 0.01, large 1/2” LCD readout is easy to see in poorly lighted areas and has “low battery” warning)
• Model 166-6-CF, 6” SS pitot tube with integral compression fitting to hold it securely when taking readings
• Two no. A-303 static pressure tips with magnetic mounting
• Two 9’ lengths 3/16” ID rubber tubing
• No. A-397 step drill for 3/16”-1/2” holes in 1/16” increments
• No. A-532 AV slide chart
• 9 V battery
• Fitted polyethylene case

THE SERIES 475-XXT-FM-AV KIT INCLUDES:

• Series 475 digital manometer
  (±0.5% FS accuracy and minor divisions to 0.01, large 1/2” LCD readout is easy to see in poorly lighted areas and has “low battery” warning)
• Model 166T, 36˝ telescoping SS pitot tube, fully adjustable from 11.5˝ to 36˝ (29.2 to 91.4 cm)
• Two no. A-303 static pressure tips with magnetic mounting
• Two 4-1/2’ L 3/16” ID rubber tubing
• No. A-397 step drill for 3/16”-1/2” holes in 1/16” increments
• No. A-532 AV slide chart
• 9 V alkaline battery
• Fitted polyethylene case

THE SERIES 477-XXXT-AV KIT INCLUDES:

• Series 477AV digital manometer
  (±0.5% FS accuracy, calculates air velocity or volumetric air flow, stores up to 40 readings in memory, instantly selecting up to nine English/Metric pressure units, large, backlit 0.4” LCD readout, both audible and visual overpressure alarms and a “low battery” warning are standard features)
• Model 166T, 36” telescoping SS pilot tube, fully adjustable from 11.5” to 36” (29.2 to 91.4 cm)
• Two no. A-303 static pressure tips with magnetic mounting
• Two 4-1/2’ L 3/16” ID rubber tubing
• No. A-397 step drill for 3/16”-1/2” holes in 1/16” increments
• 9 V alkaline battery
• Fitted polyethylene case

MODEL CHART - 475-XX-FM-AV

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>475-00-FM-AV</td>
<td>0-4.000 in w.c.</td>
</tr>
<tr>
<td>475-0-FM-AV</td>
<td>0-10.00 in w.c.</td>
</tr>
<tr>
<td>475-1-FM-AV</td>
<td>0-20.00 in w.c.</td>
</tr>
<tr>
<td>475-2-FM-AV</td>
<td>0-40.00 in w.c.</td>
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MODEL CHART - 477AV-XXXT-AV

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