

# AIR VELOCITY KITS

Digital Manometer and Pitot Tube for Balancing System Air Flows



475-XX-FM-AV



475-XXT-FM-AV



477-XXXT-AV

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.

## BENEFITS/FEATURES

- 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

### MODEL CHART - 475-XX-FM-AV

| Model        | Range           |
|--------------|-----------------|
| 475-00-FM-AV | 0-4.000 in w.c. |
| 475-0-FM-AV  | 0-10.00 in w.c. |
| 475-1-FM-AV  | 0-20.00 in w.c. |
| 475-2-FM-AV  | 0-40.00 in w.c. |

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

- Series 475 digital manometer ( $\pm 0.5\%$  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 4-1/2' 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

### MODEL CHART - 475-XXT-FM-AV

| Model         | Range           |
|---------------|-----------------|
| 475-00T-FM-AV | 0-4.000 in w.c. |
| 475-0T-FM-AV  | 0-10.00 in w.c. |
| 475-1T-FM-AV  | 0-20.00 in w.c. |

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

- Series 475 digital manometer ( $\pm 0.5\%$  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

### MODEL CHART - 477AV-XXXT-AV

| Model       | Range           |
|-------------|-----------------|
| 477-000T-AV | 0-1.000 in w.c. |
| 477-00T-AV  | 0-4.000 in w.c. |
| 477-0T-AV   | 0-10.00 in w.c. |
| 477-1T-AV   | 0-20.00 in w.c. |

### THE SERIES 477-XXXT-AV KIT INCLUDES:

- Series 477AV digital manometer ( $\pm 0.5\%$  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 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