Manometers, Air Velocity

# Dwyer SERIES 475-AV & 477-AV KITS **AIR VELOCITY KITS**

Digital Manometer and Pitot Tube for Balancing System Air Flows



477-XXXT-AV

475-XX-FM-AV

475-XXT-FM-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.

#### 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

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.			

MODEL CHART - 475-XXT-FM-AV

MODEL CHART - 477AV-XXXT-AV

Range

0-1.000 in w.c.

0-4.000 in w.c.

0-10.00 in w.c.

0-20.00 in w.c.

475-00T-FM-AV 0-4.000 in w.c.

Range

0-10.00 in w.c.

0-20.00 in w.c.

Model

Model

477-000T-AV

477-00T-AV

477-0T-AV

477-1T-AV

475-0T-FM-AV

475-1T-FM-AV

see in po	porly lighted areas	and has "low batte	ery" warning)
Model 16	66-6-CF. 6" SS pitc	ot tube with integra	al compression

with integral compression fitting to hold it securely when taking readings

(±0.5% FS accuracy and minor divisions to 0.01, large 1/2" LCD readout is easy to

- Two no. A-303 static pressure tips with magnetic mounting
- Two 9' lengths 3/16" ID rubber tubing

Series 475 digital manometer

- 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:

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 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 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