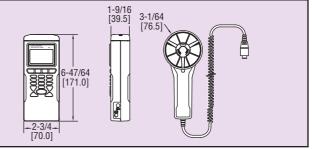


# <sup>Model</sup> Multi-function Vane Thermo-Anemometer

Measures Air Velocity, Air Volume, Temperature, Humidity, and BTU; Built-In Datalogging





**Measure air velocity, air volume, temperature, humidity, and BTU** with the Model 9671 Multifunction Anemometer. The large 1.8<sup>°</sup> (45 mm) display allows users to easily view readings. User-selectable wind speed units include ft/min, m/s, knots, mph and km/hr. In addition to these functions, the 9671 is capable of measuring relative humidity, wet bulb temperature, dew point and BTU capacity. A built-in sensor records ambient temperature in °F or °C. Model 9671 features include data hold, along with the ability to record minimum, maximum and average readings on a single point. Additional features include an RS-232 interface setting that allows the unit to download data, as well as upload up to 99 measurements through pre-edited PC files. The 9671 also has a detachable probe for easy replacement, if necessary. Each unit includes hard carrying case, batteries, software CD, cable and instruction manual.

### Model 9671, Vane Thermo-Anemometer

#### ACCESSORY A-551, Replacement Probe with Vane

## SPECIFICATIONS AIR VELOCITY

**Range:** 118 to 6299 ft/min (0.6 to 32 m/s).

Accuracy: ±5% of reading or last significant digit (whichever is greater). Resolution: 0.1 ft/min (0.1 m/s). Response Time: 1 second.

### TEMPERATURE

Range: -4 to  $140^{\circ}F$  (-20 to  $60^{\circ}C$ ). Accuracy:  $\pm 1^{\circ}F$  ( $\pm 0.6^{\circ}C$ ). Resolution:  $0.1^{\circ}F/^{\circ}C$ . Response Time: 60 seconds.

### **RELATIVE HUMIDITY**

**Range:** 0 to 100%. **Accuracy:** ±3% @ 25°C from 10 to 90% RH. Outside this range: ±5%. **Resolution:** 0.10%. **Response Time:** 60 seconds.

### AIR VOLUME

Range: 0 to 99999 (CFM or m<sup>3</sup>/s). Accuracy: ±5% of reading or last significant digit (whichever is greater). Resolution: 0.1 (0 to 9999.9) or 1 (10000 to 99999). Response Time: 1 second.

(F

### WET BULB

Range: -7.6 to 158°F (-22 to 70°C). Resolution: 0.1°F/°C. Display: 1 x 1.8″ (26 x 45 mm). Serial Communications: 9600 bps, 8 data bits, no parity. Power Requirements: (4) AAA alkaline batteries, included, user replaceable. Battery Life: 100 hours. Vane Diameter: 3″ (77 mm). Weight: 6 oz (170 g). Acency Aborovals: CE.