Vane Thermo-Anemometer

Measures Air Velocity, Air Volume, Temperature, Humidity, and BTU

Model 8912

Measure air velocity, air volume, temperature, humidity, and BTU with the Model 8912 Vane Thermo-Anemometer. The large 1.7” (44 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 8912 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 8912 features include data hold, the ability to record minimum, maximum, and average readings on a single point, and an RS-232 interface setting. The Model 8912 also features a detachable probe for easy replacement, if necessary. The units can record and average up to 2 hours of data while displaying the continuous running average. Each unit includes hard carrying case, batteries, calibration data tag and instruction manual. This versatile meter is perfect for HVAC inspection, energy audits and balancing applications.

Model 9671, Vane Thermo-Anemometer .................................................. $225.00

ACCESSORIES
A-551, Replacement Probe with Vane ............................................. $55.00
A-VT-300P, Replacement Probe with Miniature Vane ............................ 180.00

Multi-Function Vane Thermo-Anemometer

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

Model 9671

Measure air velocity, air volume, temperature, humidity, and BTU with the Model 9671 Multi-Function Vane Anemometer. The large 1.8” (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, or to attach a miniature vane probe. Each unit includes hard carrying case, batteries, software CD, cable and instruction manual.

Model 9671, Vane Thermo-Anemometer .................................................. $225.00

ACCESSORIES
A-551, Replacement Probe with Vane ............................................. $55.00
A-VT-300P, Replacement Probe with Miniature Vane ............................ 180.00

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°F (-20 to 60°C).
Accuracy: ±1°F (±0.6°C).
Resolution: ±0.1°F/°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: 0.1%.
Response Time: 60 seconds.

**AIR VOLUME**
Range: 0 to 99999 (CFM or m³/s).
Accuracy: ±5% of reading or last significant digit (whichever is greater).
Resolution: 0.1 CFM or 1 m³/s.
Response Time: 1 second.

**WET BULB**
Range: -7.6 to 158°F (-22 to 70°C).
Resolution: 0.1°F/°C.

**METER**
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).
Agency Approvals: CE.