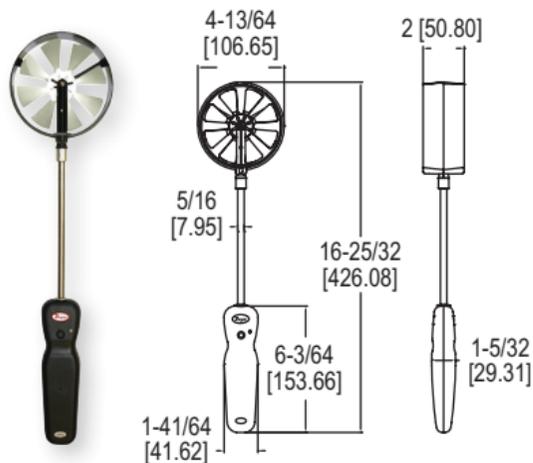


# 100 MM VANE THERMO-ANEMOMETER PROBE

Wireless, Measures Velocity, Flow, Humidity, and Temperature



## FEATURES/BENEFITS

- Allows for one handed operation for ladder use safety
- Stable 50' (15 m) wireless range

## APPLICATIONS

- Building Commissioning
- Building HVAC Test and Balance

## SPECIFICATIONS

**Service:** Dry, clean air.

**Temperature Limits:** Process: -20 to 212°F (-29 to 100°C); Ambient: 5 to 125°F (-15 to 51°C).

**Range:** Air Velocity: 40 to 5000 FPM (0.2 to 25 m/s); Volumetric Air: 999,999 in selected flow units; Temperature: -20 to 212°F (-29 to 100°C); Relative Humidity: 0 to 100% RH.

**Accuracy:** Air Velocity: 0.25 to 10 m/s: ±1.5% of reading ±20 FPM (±0.1 m/s); 10 to 20 m/s: 1.5% of reading ±40 FPM (±0.2 m/s); 20 to 25 m/s: ±1.5% of reading ±60 FPM (±0.3 m/s); Temperature: ±0.54°F @ 77°F (±0.3°C @ 25°C); Relative Humidity: ±2% @ 77°F (25°C) (10 to 90% RH); ±4% (0 to 10% RH and 90 to 100%).

**Response Time:** Air Velocity and Air Volume: 1 s; Temperature and Relative Humidity: 1.5 s.

**Probe Length:** 8" (203 mm) insertion.  
**Battery Charging Limits:** 32 to 113°F (0 to 45°C). (Wireless Only).

**Power Requirements:** 3.7 V YT562447 Lithium ion battery, installed functional, user replaceable. (Note: Intended to be operated with power cables less than 3 m in length). (Wireless Only).

**Maximum Wireless Distance:** 50' (15 m). (Wireless Only).

**Handle Enclosure:** Thermoplastic elastomer over polycarbonate.

**Supplied With:** Wrist strap.

**Weight:** 13.6 oz (385 g).

**Agency Approvals:** CE (not while charging), FCC compliant.

## MODEL CHART

Model	Description
VP2	Wireless 100 mm vane thermo-anemometer probe for use with the Model UHH handheld meter and the Mobile Meter® Software Test Instrument Mobile App