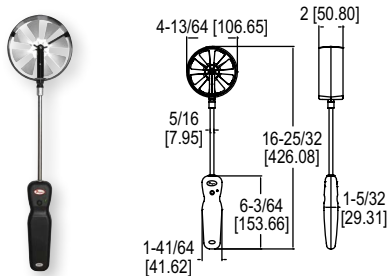


# 100 MM VANE THERMO-ANEMOMETER PROBE

Wireless, Measures Velocity, Flow, Humidity, and Temperature



## BENEFITS/FEATURES

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

## APPLICATIONS

- Building commissioning
- Building HVAC test and balance

## MODEL CHART

Model	Description
VP3	Wireless 100 mm vane thermo-anemometer probe for use with the Model UHH4 or newer universal handheld, or personal smart device with Mobile Meter® software

## SPECIFICATIONS

**Service:** 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 (0.25 to 25 m/s); Temperature: -20 to 212°F (-29 to 100°C); Relative humidity: 0 to 100% RH; Air volume: 999,999 in selected units.

**Accuracy:** Air velocity: ±1.5% of reading ±20 FPM (±0.1 m/s) [0.25 to 10 m/s]; ±1.5% of reading ±40 FPM (±0.2 m/s) [10 to 20 m/s]; ±1.5% of reading ±60 FPM (±0.3 m/s) [20 to 25 m/s]; TABKIT VP3: 100 to 3900 fpm: ±5% of reading ±7 fpm (0.5 to 20 m/s: ±5% of reading ±0.04 m/s); Temperature: ±0.9°F@77°F (±0.5°C @ 25°C); Relative humidity: ±2% @ 77°F (25°C) [10 to 90% RH]; ±4% [0 to 10, 90 to 100% RH].

**Response Time:** Air velocity: 1 s; Temperature: 1.5 s; Relative humidity: 1.5 s; Air volume: 1 s.

**Probe Length:** 8" (203 mm) insertion.

**Power Requirements:** 3.7 V YT562447 lithium ion battery, installed functional, user replaceable.

**Battery Charging Limits:** 32 to 113°F (0 to 45°C).

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

**Vane Material:** Anodized aluminum.

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

**Supplied With:** Wrist strap.

**Weight:** 13.6 oz (402.20 g).

**Supported Devices:** UHH4 or newer universal handheld, and smart devices that support Bluetooth® LE (Bluetooth® Low Energy).

**Supported Operating Systems:**

Android® firmware version 3.X or later.

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

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