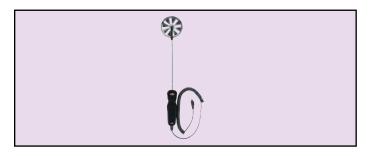


# **100 mm Vane Thermo-Anemometer Probe** Wired, Measures Velocity, Flow, Humidity, & Temperature



Model

VP1

Model VP1, Wired 100 mm Vane	Thermo-Anemometer Probe for the Model UHH
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99 Washington Street Melrose, MA 02176 Phone 781-665-1400 Toll Free 1-800-517-8431

## 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:  $\pm$ 1.5% of reading  $\pm$ 20 fpm ( $\pm$ 0.1 m/s); 10 to 20 m/s: 1.5% of reading  $\pm$ 40 fpm ( $\pm$ 0.2 m/s); 20 to 25 m/s:  $\pm$ 1.5% of reading  $\pm$ 60 fpm ( $\pm$ 0.3 m/s);

Temperature: ±0.54°F @ 77°F (±0.3°C @ 25°C);

Relative Humidity:  $\pm 2\%$  @ 77°F (25°C) (10 to 90% RH);  $\pm 4\%$  (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. Vane Material: Anondized aluminum. Weight: 15.2 oz (431 g). Agency Approvals: CE, RoHS.