



Model
VP1

100 mm Vane Thermo-Anemometer Probe

Wired, Measures Velocity, Flow, Humidity, & Temperature



Model VP1, Wired 100 mm Vane Thermo-Anemometer Probe for the Model UHH



99 Washington Street
Melrose, MA 02176
Phone 781-665-1400
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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 ± 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: $\pm 1.5\%$ of reading ± 60 fpm (± 0.3 m/s);

Temperature: $\pm 0.54^\circ\text{F}$ @ 77°F ($\pm 0.3^\circ\text{C}$ @ 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: Anodized aluminum.

Weight: 15.2 oz (431 g).

Agency Approvals: CE, RoHS.

