# SPECIFICATIONS

**Model RP1**

**Thermo-Hygrometer Probe**

Wired, Measures Humidity, Temperature, Dew Point, & Wet Bulb Temperatures

- **Service:** Clean air.
- **Temperature Limits:**
  - Process: -40 to 176°F (-40 to 100°C);
  - Ambient: 5 to 125°F (-15 to 51°C).
- **Range:**
  - RH: 0 to 100% (non-condensing);
  - Temperature: -20 to 140°F (-29 to 60°C).
- **Accuracy:**
  - RH: ±2% @ 25°C (10 to 90% RH); ±4% (0 to 10, 90 to 100% RH);
  - Temperature: ±0.54 @ 77°F (±0.3 @ 25°C).
- **Response Time:** 1.5 s.
- **Probe Length:** 8˝ (203 mm) insertion.
- **Weight:** 12.8 oz (362 g).
- **Agency Approvals:** CE, RoHS.

# SPECIFICATIONS

**Model AP1**

**Thermo-Anemometer Probe**

Wired, Measures Velocity, Flow, & Temperature

- **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: 0 to 6000 FPM (0 to 30 m/s);
  - Volumetric Air: 999,999 in selected flow units;
  - Temperature: -20 to 212°F (-29 to 100°C).
- **Accuracy:**
  - Air Velocity: ±3% FS within temperature range of 40 to 90°F (4 to 32°C);
  - Temperature: ±0.5°F (±0.28°C).
- **Response Time:** 1 s.
- **Probe Length:** 8˝ (203 mm) insertion.
- **Weight:** 12.8 oz (362 g).
- **Agency Approvals:** CE, RoHS.

# SPECIFICATIONS

**Model VP1**

**100 mm Vane Thermo-Anemometer Probe**

Wired, Measures Velocity, Flow, Humidity, & Temperature

- **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: 0 to 6000 FPM (0 to 30 m/s);
  - Volumetric Air: 999,999 in selected flow units;
  - Temperature: -20 to 212°F (-29 to 100°C).
- **Accuracy:**
  - Air Velocity: ±3% FS within temperature range of 40 to 90°F (4 to 32°C);
  - Temperature: ±0.5°F (±0.28°C).
- **Response Time:** 1 s.
- **Probe Length:** 8˝ (203 mm) insertion.
- **Weight:** 15.2 oz (431 g).
- **Agency Approvals:** CE, RoHS.