

ENERGY AND COMFORT

Ventilation Test Instruments



Model 9515

### Features and Benefits

- Accurate air velocity measurement
  - Model 9515 range 0 to 20 m/s (0 to 4,000 ft/min)
  - Model 9525 range 0 to 10 m/s (0 to 2,000 ft/min)
- Integrated probe attachment
- Easy to read display
- Intrinsically safe (9525 only)
- Calibration certificate included

### Applications

- HVAC system performance
- Commissioning
- Plant maintenance

### VELOCICHECK® Thermal Anemometers

#### Models 9515 and 9525

The Models 9515 and 9525 are the economical choice for a digital Air Velocity Meter, without compromising accuracy or precision. Professionals find them the ideal tool for face velocity measurements in fume hoods, spray booths, or for IAQ and ventilation system checks. The Model 9515 features a 101.6 cm (40-inch) telescoping integrated probe for difficult to reach measurements. The Model 9525 has a 3-inch retractable probe and is UL listed as intrinsically safe for use in hazardous locations for Divisions 1 and 2 in Class I, Groups C and D; Class II, Groups E, F and G; and Class III.



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## Specifications

### VELOCICHECK Models 9515 and 9525

#### Velocity

Range (9515)	0 to 20 m/s (0 to 4,000 ft/min)
Range (9525)	0 to 10 m/s (0 to 2,000 ft/min)
Accuracy <sup>1&amp;2</sup>	±5% of reading or ±0.025 m/s (±5 ft/min), whichever is greater
Resolution	0.01 m/s (1 ft/min)

#### Temperature (9515 only)

Range	-18 to 93°C (0 to 200°F)
Accuracy <sup>3</sup>	±0.3°C (±0.5°F)
Resolution	0.1°C (0.1°F)

#### Instrument Temperature Range

Operating (Electronics)	5 to 45°C (40 to 113°F)
Model 9515 Operating (Probe)	-18 to 93°C (0 to 200°F)
Model 9525 Operating (Probe)	-10 to 60°C (14 to 140°F)
Storage	-20 to 60°C (-4 to 140°F)

#### External Meter Dimensions

8.4 cm x 17.8 cm x 4.4 cm (3.3 in. x 7.0 in. x 1.8 in.)

#### Probe Dimensions (Model 9515)

Length	101.6 cm (40 in.)
Diameter of Tip	7 mm (0.28 in.)
Diameter of Base	13 mm (0.51 in.)

#### Probe Dimensions (Model 9525)

Length	79 mm (3.1 in.)
Diameter of Tip	6.4 mm (0.25 in.)
Diameter of Base	6.4 mm (0.25 in.)

#### Meter Weight with Batteries

270 g (9.6 oz.)

	9515	9525
Velocity range 0 to 10.00 m/s (0 to 2000 ft/min)		•
Velocity range 0 to 20.00 m/s (0 to 4000 ft/min)	•	
Temperature	•	
Digital display	•	•
Calibration certificate	•	•
Intrinsically safe		•

<sup>1</sup> Temperature compensated over an air temperature range of 5 to 65°C (40 to 150°F).

<sup>2</sup> The accuracy statement begins at 0.15 m/s through 20 m/s (30 ft/min through 4000 ft/min.) for Model 9515; and 0.15 to 10.0 m/s (30 to 2,000 ft/min) for Model 9525.

<sup>3</sup> Accuracy with instrument case at 25°C (77°F), add uncertainty of 0.03°C/°C (0.05°F/°F) for change in instrument temperature.

Specifications are subject to change without notice.

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