

ENERGY AND COMFORT

## Ventilation Test Instruments



Model 9515

### Features and Benefits

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

### Applications

- HVAC system performance
- Commissioning
- Plant maintenance

### VELOCICALC® Air Velocity Meters

#### 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 40-inch (101.6 cm) 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

### VELOCiCALC Models 9515 and 9525

#### Velocity

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

#### Temperature (9515 only)

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

#### Instrument Temperature Range

Operating (Electronics)	40 to 113°F (5 to 45°C)
Model 9515 Operating (Probe)	0 to 200°F (-18 to 93°C)
Model 9525 Operating (Probe)	32 to 122°F (0 to 50°C)
Storage	-4 to 140°F (-20 to 60°C)

#### External Meter Dimensions

Model 9515	3.3 in. x 7.0 in. x 1.8 in. (8.4 cm x 17.8 cm x 4.4 cm)
Model 9525	2.7 in. x 5.2 in. x 1.3 in. (6.8 cm x 13.2 cm x 3.3 cm)

#### Probe Dimensions (Model 9515)

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

#### Probe Dimensions (Model 9525)

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

#### Meter Weight with Batteries

0.6 lbs (0.27 kg)

#### Power Requirements

Four AA-size batteries



Model 9525

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

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

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

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

Specifications are subject to change without notice.

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