



## Specifications: Fluke 922 Airflow Meter/Kit

Technical Specifications		
Air pressure	Range / Resolution / Accuracy	±4000 Pascals / 1 Pascal / ±1% + 1 Pascal
		±16 inH <sub>2</sub> O/ 0.001 inH <sub>2</sub> O/±1% + 0.01 inH <sub>2</sub> O
		±400 mmH <sub>2</sub> O/ 0.1 mmH <sub>2</sub> O / ±1% + 0.1 mmH <sub>2</sub> O
		±40 mbar /0.01 mbar / ±1% + 0.01 mbar
		±0.6 psi / 0.0001 psi /±1% + 0.0001 psi
Air velocity	Range / Resolution / Accuracy	250 to 16,000 fpm / 1 fpm / ±2.5% of reading at 2000 fpm (10.00 m/s)
		1 to 80 m/s / 0.001 m/s / ±2.5% of reading at 2000 fpm (10.00 m/s)
Air flow (volume)	Range / Resolution / Accuracy	0 to 99,999 cfm / 1 cfm / Accuracy is a function of velocity and duct size

		0 to 99,999 / 1 m <sup>3</sup> /hr / Accuracy is a function of velocity and duct size
		0 to 99,999 l/s / 1 l/s / Accuracy is a function of velocity and duct size
Temperature	Range / Resolution / Accuracy	0°C to 50°C / ±1% + 2°C / 0.1°C 32°F to 122°F / ±1% + 4°F / 0.1°F
<b>General Specifications</b>		
Operating temperature	0°C to +50°C (+32°F to +122°F)	
Storage temperature	-40°C to +60°C (-40°F to +140°F)	
Relative humidity	0% to 90%, non-condensing	
IP rating	IP40	
Operating altitude	2000 m	
Storage altitude	12000 m	
EMI, RFI, EMC	Meets requirements for EN61326-1	
Vibration	MIL-PREF-28800F, Class 3	
Max pressure at each port	10 psi	
Data storage capacity	99 readings	
Warranty	2 years	
Power, battery life	Four AA batteries	
Battery life	280 hours without backlight, 60 hours with backlight	

## Fluke 922 Airflow Meter/Kit

### Analyze airflow. Easily. The 922 Micromanometer.

Today's HVAC technicians want a simple solution for diagnosing ventilation issues. Differential pressure measurements only tell part of the story. Technicians also want to measure air velocity and flow, without having to resort to expensive, difficult to use, specialist tools. The Fluke 922 makes airflow measurements easy by combining three tools: differential pressure, airflow, and velocity into a single, rugged meter.

### Use the Fluke 922 micromanometer to:

- Measure pressure drops across key HVAC equipment to drive peak performance and extend equipment life
- Match ventilation to occupant loads
- Monitor indoor vs. outdoor pressure relationships and manage the building envelope
- Promote indoor comfort and quality
- Perform duct traversals for accurate airflow readings