TECHNICAL DATA

Fluke 922 Airflow Meter/Kit



Key features

Fluke 922 was designed and built for how (and where) you do your job, with performance, ruggedness and ease of use, setting the Fluke 922 apart from the competition. The bright white display and ruggedized holster and wrist strap let you take the Fluke 922 into less than ideal environments. The color-coded hoses help you keep track of where your readings are coming from. The simple, intuitive interface means you can measure pressure, velocity, or airflow at the push of a button. The Fluke 922 helps you analyze airflow. Easily.

- Powerful meter provides differential and static pressure, air velocity and flow readings
- Convenient colored hoses help proper interpretation of pressure readings
- Easy to use without sacrificing performance
- Bright, backlit display for clear viewing in all environments
- User-defined duct shape and size for maximum airflow accuracy
- Resolution down to 0.001 in H_2O
- 99 point data storage capacity
- Min/Max/Average/Hold functions for easy data analysis
- Auto power off saves battery life

Product overview: 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:

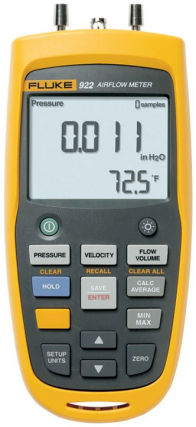
- Measure pressure drops across key HVAC equipment to drive peak performance and extend equipment life
- Match ventilation to occupant loads
- Monitor indoor vs. outdoor pressure relationships and manage the building envelope
- Promote indoor comfort and quality
- Perform duct traversals for accurate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

Specifications: Fluke 922 Airflow Meter/Kit

Technical Specifications		
Air pressure	Range / Resolution / Accuracy	±4000 Pascals / 1 Pascal / ±1% + 1 Pascal
		±16 inH_2O/ 0.001 inH_2O/±1% + 0.01 inH_2O
		±400 mmH_2O/ 0.1 mmH_2O / ±1% + 0.1 mmH_2O
		±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^3/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
General Specifications		
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

Ordering information



Fluke-922/KIT

Fluke. *Keeping your world up and running.®*

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03/2024

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