TMA10

Anemometer thermometer

The TMA10 is ideal for HVAC/R technicians measuring Heat/Ventilation/Air conditioning/Refrigeration wind flow and temperature in residential, commercial and industrial air conditioning systems. It offers numerous functions – use it to check air velocity FPM (Feet per minute), air volume (flow) CFM (Cubic feet per minute) plus the remote vane allows greater measurement location flexibility. Switch between °C and °F, and input the area of airflow measurement to gain accurate air velocity results. Measure an air flow source for a continuous moving average for up to two hours. Determine minimum, maximum and average readings from a single point air source.

Large dual display to view both air flow or velocity measurement plus temperature. Long extended flexible cord for remote vane access capabilities.

All the TMA10 measurements can be output to a computer for charting or analysis by optional model TM-SW software and RS232 cable.

Shipped in a deluxe hard carry case to protect and transport your Anemometer.

Remote vane with flexible cord helps you place the sensor where you need it, for more accurate measurement results.

- Measure air velocity or air flow
- RS232 interface output with optional software and cable, TM-SW
- Continuous moving average for up to 2 hours
- MIN/MAX/AVG reading on a single point
- Air Velocity average for multiple points
- Data Hold to freeze measurement display of both readings
- Auto power off function
- Obtain air flow (CFM) average for multi-point
- Product includes:
  - TMA10 Anemometer with remote vane and cord
  - Deluxe, hard plastic carrying case
  - Battery, installed
- One-year warranty

WARRANTY NO HASSLE PROGRAM

Anemometer with Remote Vane

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TMA10 Specifications

Display	Dual 4-digit (9999 count) LCD
Measurement units	Air velocity: ft/min (feet per minute); m/s (meters per second)
	Air flow: CMS (m 3/sec) and CFM (ft 3/min);
	Temperature: °C and °F
Data hold	Freezes displayed reading
Sensors	Air velocity/flow sensor: Conventional angled vane arms with low friction ball bearing Temperature sensor: Precision thermistor
MIN/MAX memory	Record and view minimum and maximum readings
Average reading memory	Single Point (up to 2 hours) or Multi-Point (up to 8 readings)
Automatic power off	Sleep mode (with bypass) after 20 mins. conserves energy
Operating temperature	32 °F to 122 °F (0°C to 50 °C)
Operating humidity	Max. 80% RH
Power supply	9 V battery (Heavy duty alkaline);
Battery life	100 hours
Weight	0.8 lb (363 g) including battery and sensor
Dimensions	Main instrument: 7.1 x 2.8 x 1.4 in (181 x 71 x 38 mm)
Sensor head diameter	70 mm

Air Velocity

Measurements	Range	Resolution	Accuracy
m/s (meters per sec)	0.40 to 25.00 m/s	0.01 m/s	± 2 % of full scale
ft/min (feet per minute)	125 to 4900 ft/min	1 ft/min	± 2 % of full scale

Air Flow

Measurements	Range	Resolution	Area
CMS (cubic meters per sec.)	0.01 to 99.99 m3 /sec	0.01	0 to 9.999 m
CFM (cubic feet per minute)	1 to 9999 ft3 /min	1.0	0 to 9.999 ft

Air Temperature

Measurements	Range	Resolution	Accuracy
°C (°F)	0 to 50 °C (32 to 122 °F)	0.1 °C/(°F)	± 0.8 °C (1.5 °F)

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