

AV6 Air velocity, Flow and Temperature Logger

AV6 is a value for money, compact yet highly specified rotating vane anemometer benefiting from the latest intuitive data logging technology.

Fast accurate measurements of air velocity, volume flow and airstream temperatures are integrated with advanced microprocessor technology to provide powerful processing and data collection. Analogue and digital outputs support direct compatibility with micro printers and WINDOWS® software, so AV6 really is the only air flow logger you will ever need.

- Air velocity - m/sec, ft/min, mph, knots, km/hr
- Airflow - m³/sec, ft³/min
- Temperature - °C, °F
- Auto shut off conserves battery life
- Ideal combination of air velocity, volume flow and temperature
- Fully featured - min/max/avg memory, multiple choice of display readings
- Excellent accuracy with fast, effective processing power
- Perfect for both on-site checks and unattended monitoring
- Turbulence bar graph indicator and backlit display
- Simply enter area or linear dimensions to read flow
- Choice of 100mm and 35mm vane sensors
- Four tools in one. Commissioning, testing, variable logging and diagnostic checks
- Ideal for HVAC, process control, laboratory safety, quality assurance, R & D engineers and indoor environment monitoring

Windows® Compatible

Using business and industry standard WINDOWS® software AV6 data can be quickly and easily configured into your spreadsheet programmes to produce outstanding charts, graphs, technical analysis and full reporting data. All the features and benefits of the worlds leading software are at your disposal to store, review, manipulate and print all the measured data provided by AV6. Simply order the appropriate data comms cable (see page 38).

ACCESSORIES

- APU mini printer
- 35mm Rotating vane sensor
- Aircone flow hood kit
- Battery eliminator
- P.C. Comms cables for Windows® interface
- 'Hands Free' neck strap and cradle



AIR MOVEMENT PRODUCT OF THE YEAR 1998



SPECIFICATION

PARAMETER	METRIC MODE	IMPERIAL MODE
Velocity Range	0.25 - 30 m/sec	50-6000 ft/min
Volume Range	0.002-3000 m ³ /sec	3.6 - 9999 ft ³ /min
Accuracy @ 20°C & 1013Mb using 100mm vane	±1% of reading ±1 digit	
Velocity Resolution	0.01 m/sec	2 ft/min
Temperature Range	0-80°C	32° to 176°F
Temperature Accuracy	1°C ±1digit	2°F ±1digit
Temperature Resolution	0.1°C	1°F
Area Input Range	0.004 - 99.99 m ²	0.0431 - 999.9 ft ²
Linear Input Range (subject to area limits)	0.0001 - 9999m	1/8" - 9999 ft
Memory Size	99 readings of velocity and temperature (note flow data is stored as a velocity)	
Auto Logging variable time base	5 seconds to 99 minutes 59 seconds	
Analogue Output	0 - 1 volt (0-0.5v and 0-2v also available)	
Digital Output	RS232	
Power Supply	4 x 1.5 volt AA cells. (rechargeable, zinc carbon or alkaline)	
Battery Life	40 Hrs.	
Overall Dimensions	92 x 32 x 188mm	3.6 x 1.2 x 7.4in
Operating Environment Instrument	Ambient operating temperature range = -10°C to + 50°C. Storage temperature range = -20°C to + 60°C	
Operating Environment (vane sensor)	0°C to 80°C	
Weight (less batteries)	31.0g	0.68lb
Standard Kit	AV6 Anemometer Executive carry case	100mm dia rotating vane sensor Calibration certificate
	Handle & telescopic extension rod with swivelling joint (0.4 to 1.1 M)	

*Note accuracy @ 20°C and 1013mb using 35mm sensor ±2% of reading ± 1digit

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AIRFLOW™

SPECIALISTS IN AIR MOVEMENT TECHNOLOGY

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Airflow Developments Limited reserve the right, in the interests of continuous development, to alter specifications without prior notice. All orders are accepted subject to our conditions of sale which are available on request.



CERTIFICATE 152
BS5750 ISO9001 EN29001