

# AV2 Air Velocity and Volume Flow Meter

The AV2 Anemometer is an outstanding innovation in vane anemometer technology, providing both air velocity and volume flow reading from a single instrument. AV2 flexibility offers the choice of instant or averaged readings in metric or imperial display. This compact, hand held instrument together with its aerodynamic 100mm diameter (or optional 35mm) vane sensor and swivelling, telescopic extension handle, provides an unbeatable solution for fast, accurate airflow measurement. AV2 is purpose designed for use at supply and extract grilles in the Heating, Ventilating, Air Conditioning and Process Industries and is particularly suited for laboratory safety monitoring, maintenance and commissioning requirements with COSHH and local exhaust ventilation assessments in mind.

- Velocity and volume flow readings with instant or average reading modes
- Telescopic extension handle with swivel joint for high level measurements
- Optional 35mm vane sensor
- Lightweight and hand held with safety strap
- Hold reading facility
- Imperial or metric display
- Accessory – Aircone Flow Hoods



PARAMETER	METRIC MODE	IMPERIAL MODE
Velocity Range	0.25 - 30m/sec	50-6000 ft/min
Volume Range	0.002-3000 m <sup>3</sup> /sec	3.6 - 999999 ft <sup>3</sup> /min
Accuracy @ 20°C and 1013mb	±1% of reading ±1 digit Plus below 1m/sec ±0.02m/sec, below 200ft/min ±3ft/min	
Analogue Output	0 - 1 volt (0-0.5v and 0-2v also available)	
Power Supply	1 type 9v cell type PP3 or equivalent (IEC Ref 6F22 rechargeable, zinc carbon or alkaline)	
Battery Life	30 hrs using alkaline	
Overall Dimensions	92 x 32 x 186mm	3.6 x 1.2 x 7.4in
Operating Environment Instrument	Barometric pressure 500mb to 2bar Temp -10°C to 60°C	Barometric pressure 15in Hg to 60in Hg Temp 14°F to 122°F
Weight (less batteries)	310g	0.68lb
Standard Kit	100mm dia rotating vane sensor, Telescopic extension rod, Executive carry case, Calibration Certificate	

# AIRFLOW™

SPECIALISTS IN AIR MOVEMENT TECHNOLOGY

Airflow Developments Limited, Lancaster Road, Cressex Business Park, High Wycombe, Buckinghamshire HP12 3QP England  
Telephone: (Int +44) (UK 0) 1494 525252 - Facsimile: (Int +44) (UK 0) 1494 461073 - E-Mail: [info@airflow.co.uk](mailto:info@airflow.co.uk) - Web Site: <http://www.airflow.co.uk>

Airflow Lufttechnik GmbH,  
Postfach 1208, D-53349 Rheinbach, Germany.  
Telefon: 02226/9205-0, Telefax: 02226/9205-11

Airflow Technical Products Inc.,  
P.O. Box 372, 219 Route 206, Andover NJ 07821, USA.  
Telephone: 973-786-6386. Fax: 973-786-7586

Airflow Lufttechnik GmbH,  
o.s. Praha, Hostynská 520, 108 00 Praha 10 - Maleovice,  
Czech republic. Telefon a fax 02-77 22 30

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.



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