

LCA6000, LCA6000VT, LCA6000RVT, LCA6000VA Anemometers

The LCA range of hand held rotating vane anemometers offers a superb choice of models featuring automatic averaging of air velocity to readings of volume flow rate, even in hazardous areas. Your choice of metric or imperial display at the flick of a switch.

With an instrument to suit almost any application and budget, choose LCA, the exceptional range of anemometers.

- LCA6000
3 seconds spot reading of air velocity (m/sec)
6 seconds spot reading of air velocity (ft/min)
- LCA6000VT
variable time base averaging up to 12 minutes reading of air velocity
- LCA6000RVT
Reverse flow specifically calibrated in the range 0.25 to 5m/sec for laminar flow cabinets
- LCA6000VA
Velocity or direct reading of volume flow with facility to directly input duct or grille area

- Unrivalled choice of five models.
- Metric and Imperial display in m/sec or ft/min.
- Averaged air velocity and volume flow version.
- Intrinsically safe unit.
- Lightweight, robust and simple to use.
- Special low velocity version for COSHH and face velocity laboratory monitoring.
- Case and Calibration Certificate supplied
- Ideal for HVAC, commissioning at grilles, ducts and diffusers



LCA6000VA Display

ACCESSORIES

Aircone flow hood kits



LCA 6000VA

SPECIFICATION

Information common to all LCA anemometers

Parameter	Metric Mode	Imperial Mode
Operating Environment	Barometric pressure 500mb to 2 bar Temp. -10°C to 50°C	Barometric pressure 15 in Hg to 60 in Hg Temp. 14°F to 122°F
Overall Dimensions	268mm x 113mm	10.55 in x 4.44 in
Instrument only	x 43mm deep	x 1.69 in deep
Weight less batteries	280g	0.62lb
Power supply	1 only 9V battery type PP3 or equivalent IEC ref 6F22 standard, alkaline or rechargeable NOTE: Zinc/Carbon only for use of IS version in hazardous areas	
Battery life	50 hours continuous life (alkaline batteries)	

Items specific to LCA6000

Parameter	Metric Mode	Imperial Mode
Velocity range	0.25 to 30 m/sec	50 to 6000 ft/min
Accuracy at 20°C and 1013 mbar	5 to 30 m/sec Calibrated better than ±2% of Reading 0.25 to 4.99 m/sec ±0.1 m/sec	1000 to 6000 ft/min of Reading 50 to 999 ft/min ±20 ft/min

Items specific to LCA6000VT, LCA6000RVT, LCA6000VA

Parameter	Metric Mode	Imperial Mode
Velocity range	0.25-30 m/sec	50-6000 ft/min
Maximum averaging time	12 minutes	12 minutes
Accuracy at 20°C and 1013 mbar	Calibrated better than ±1% of Reading ±1 Digit	

Items specific to LCA6000VA

Parameter	Metric Mode	Imperial Mode
Volume range displayable	0.002-3000 m³/sec	4.000-999999 cfm
Area input range	0.008-90.00 m²	0.08-900.0 ft²

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CERTIFICATE 152
BS5750 ISO9001 EN29001

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