

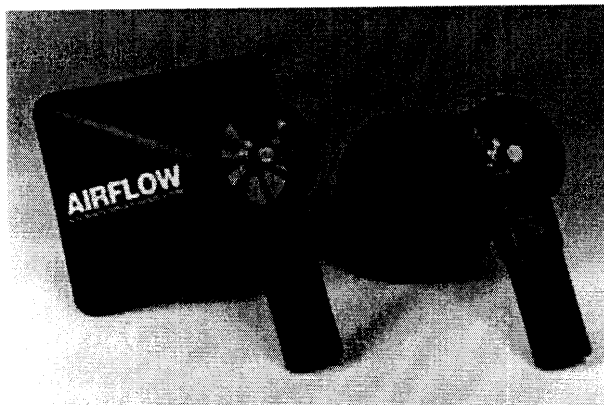
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Aircone Flow Hood



'AIR FLOW BALANCING MADE EVEN EASIER'

Aircone flow hoods are the quick and accurate method to maximise the usefulness of your Airflow™ 100mm (4") rotating vane anemometer, such as the LCA, DVA, AV2, AV6 and Edra models. For a very modest investment, you can double the capability of your velocity instrument into an air flow meter as well. Commissioning and balancing of air volume flow is immediately

possible at grilles, diffusers, air valves and linears. The hoods are equally suitable for measuring ventilation flow rates for both extract and supply air. Manufactured in hard wearing ABS for the rigours of on-site use. Both sizes are extremely lightweight allowing one man operation for long periods and one handed testing up ladders etc. when used with the appropriate anemometer. Both aircones are supplied in a protective carry-case with durable 'wipe clean' encapsulated flow curves for the fast conversion of meter readings into actual volume flow.

Using the Aircone is simplicity itself. Just clip your 100mm (4") rotating vane into the collar of the hood with the sensor pointed into the direction of flow, i.e. for extract or supply.

Fit the rectangular or circular hood over the inlet/outlet to be balanced and hold in place so that the flange creates a seal with the overall dimensions of the grille or diffuser under test. Where grilles are larger than the size of the rectangular hood it is suggested that the area is divided into equal areas, avoiding overlapping where possible, then a series of readings are taken, added together and averaged to calculate total volume flow.

THE AIRCONE FLOW HOOD ADVANTAGES

FEATURES

- Aerodynamic design for minimal resistance
- Direct reading of volume flow rate with instruments having area input facility
- Volume flow curves in m³/sec and cfm for velocity measuring instruments
- Self sealing for leak tight readings
- Two sizes allow multiple coverage of larger grilles
- Tough ABS to take knocks on-site

- Compatible with all Airflow™ 100mm vanes

BENEFITS

- Converts 100mm vane anemometer into flow meter
- Inexpensive commissioning
- Saves you money - one man operation
- Proportional balancing made really easy
- Suitable for extract and supply
- Lightweight kit with carry-case

APPLICATIONS

- HVAC grilles, diffusers, linears, air valves
- Commissioning and testing engineers
- Containment area checks, safety cabinets
- Health and Safety, COSHH, environmental balancing.
- Fan inlets/outlets, VAV systems, filter conditions, dampers
- Leakage checks

Specification	Rectangular Hood	Circular Hood
Volume Range		
m ³ /sec	0-0.1	0-0.1
cfm	0-210	0-210
Flange Dimensions		
mm	285 x 235	180
ins	11.2 x 9.2	7.12
Temperature Range		
°C	0-80	0-80
°F	32-176	32-176
Weight	1.1 Kilo/2.4lbs (inc Carry Case)	
Aircone Kit comprises	1 off Rectangular Hood 1 off Circular Hood Protective carry-case Encapsulated calibration curves and fitting instructions	



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