

LCA 301



Features and Benefits LCA 301:

- Reversible 100 mm head allows readings at supply and extract grilles
- Calculates volumetric flow rate
- Compatible with Aircone Flow Hoods
- No density correction factor required
- Automatic averaging of air velocity

Airflow LCA 301 is a lightweight, robust, and simple to use Rotating Vane Anemometer that provides accurate and reliable readings every time. Ideal for HVAC commissioning at grilles, ducts and diffusers; the LCA 301 displays readings in metric or imperial.

Specifications:

		Metric	Imperial
Velocity	Range	0.25 to 30 m/sec	50 to 6,000 ft/min
	Accuracy	± 0.02 m/sec or $\pm 1\%$ of reading, whichever is greater	± 4 ft/min or $\pm 1\%$ of reading, whichever is greater
Duct Size		0.00399 to 90 m ²	0.043 to 900 ft ²
Volumetric Flow Rate		Actual range is a function of velocity, and duct size	
Temperature	Range	0 to 60°C	32 to 140°F
	Resolution	0.1°C	0.1°F
	Accuracy	$\pm 0.5^\circ\text{C}$	$\pm 2^\circ\text{F}$
Instrument Temperature Range	Operating	0 to 60°C	32 to 140°F
	Storage	-10 to 60°C	14 to 140°F
External Meter Dimensions		11.2 x 28 x 6.5 cm	4.5 x 11 x 2.6 in.
Weight with batteries		329 g	11.6 oz
Power Requirements		Four AA sized batteries or AC adaptor	

Features and Benefits Aircone Flow Hoods:

- Rectangular and circular cones available
- Measures volumetric flow at grilles, diffusers, and linears
- Reads air volume quickly and accurately
- Excellent choice for small grilles



Aircone Flow Hoods are a fast and accurate method of maximizing the usefulness of your 100 mm rotating vane anemometers. For a modest investment, you can enhance the capability of your rotating vane, turning it into an air volume flow balancing tool.



Associated Instrument Repairs

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In the interest of product development and improvement the manufacturers reserve the right to amend specifications at any time without prior notice.