

[Alnor® Rotating Vane Anemometer

The Alnor RVA801 Rotating Vane Anemometer measures air velocity, air volume, and temperature in English or metric units. Because the 4-inch (100mm) head automatically averages velocity and volume readings, these tools are essential for measuring unevenly distributed or fluctuating flows through heating and cooling coils, diffusers, grilles, and filters. Sweep mode quickly and reliably provides one averaged reading of velocity or volume over a large measurement area. Use the RVA801 Rotating Vane Anemometer with AirCone flow hoods to directly read volume at grilles with a single button-push.



model #

RVA801

Rotating vane anemometer with attached swivel head. Includes meter, alkaline battery, user's manual, calibration certificate and soft carrying case.

specifications

RVA801

range	VELOCITY	50-6000 fpm (0.25 - 30 m/s)
	VOLUME	1-9999000 cfm (1-999999 m ³ /hr, 1-999999 l/s)
	AREA	0.043 - 900 ft ² (0.00399 - 90 m ²)
	TEMPERATURE	32-140 °F (0-60 °C)
displayed resolution	VELOCITY	1 fpm (0.01 m/s)
	TEMPERATURE	1 °F (0.1 °C)
accuracy	VELOCITY	±1% of reading ±4fpm (±1% of reading ±0.02 m/s)
	TEMPERATURE	±2 °F (±1 °C)
instrument weight		10 oz (275 g)
battery		One 9-volt alkaline or NiCd; Approx. 40 hours continuous use

aircone specifications

Rectangular Hood

Round Hood

range (with RVA801)	0-210 cfm (0-0.1 m ³ /s)	0-210 cfm (0-0.1 m ³ /s)
size	11.2 x 9.2 in (285 x 235 mm)	7.1 in (180 mm) diameter
weight (includes case)	2.4 lbs (1.1 kg)	

Specifications are subject to change without notice.



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