

C.A 1224 : Rotating vane thermo-anemometer



Check the performances of your HVAC system.

FONCTIONS

- Ambient temperature and air speed measurement
- Choice of the units
- HOLD function
- Minimum and maximum value display
- Calculation of the average
- Airflow measurement with or without cone
- Adjustable auto switch off
- Adjustable back-lighting

SPECIFICATIONS

Metrological specifications

	Measurement range	Resolution	Accuracy	Units
Air speed	0,25 to 3 m/s 3,1 to 35 m/s	0,01 m/s 0,1 m/s	$\pm 3\% R + 0,1 \text{ m/s}$ $\pm 1\% R + 0,2 \text{ m/s}$	m/s , fpm, km/h
Ambient temperature	-20 to +80°C	0,1°C	$\pm 0,3\% R + 0,25 \text{ °C}$	°C, °F
Airflow	0 to 99 999 m3/h	1 m3/h	$\pm 3\% R \pm 0,03 * \text{Surf. Gaine}(\text{cm}^2)$	m3/h, m3/s, L/s, cfm

Technical specifications

Use conditions : 0 to 50°C ; < 85 % HR

Use environment : gaz neutre

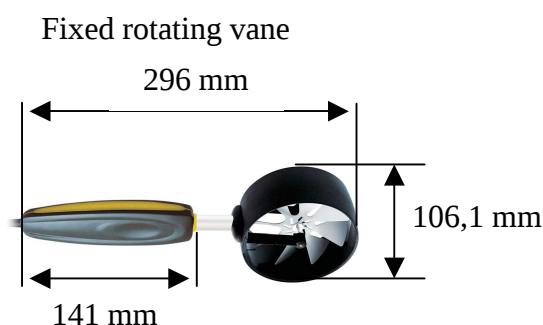
Storage conditions : -20°C to 80°C ; 15 to 85 % HR

Power supply : 1 9V battery like 6LR6

Auto-switch off of the product adjustable from 0 to 120 min.

IP 54 protection

Dimensions et weight



Cable : L = 450 mm, extension up to 2,4 m

Display : 4 lines

2 lines of 5 digits of 7 segments (value)

2 lines of 5 digits of 16 segments (unit)

50 x 34,9 mm

Weight : 190 g

Conformity

Electromagnetic Compatibility : complies with NF EN 61326-1.

PRINCIPLE OF OPERATION

The air rotates the propeller and rotations are converted into electrical signal. Detector induction account rotations and produced a series of pulses that are converted into voltages by the instrument, and are displayed.

These devices are robust and adapted to harsh operating conditions. They are sensitive to the direction of air flow but not sensitive to turbulence.

TO ORDER

C.A 1224.....P01.1731.13

Delivered with a 9V battery, a user's manual in a transportable case.

Accessories



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