

AIR VOLUME & AIR VELOCITY



VentiFlow

ROTATING VANE ANEMOMETER

WITH MODEL LCA-301

The **VentiFlow**® measures air velocity from 0,25 to 30 m/s and air volume to 300 m³/h. Because of the large surface of the air vane and the unique design of the hood, the measurement has hardly no resistance and is relative insensitive for the beam effect at the air supply.

ACIN

instrumenten bv

made to measure



ROTATING VANE ANEMOMETER WITH MODEL LCA-301

The **VentiFlow**[®] measures air velocity from 0,25 to 30 m/s and air volume to 300 m³/h. Because of the large surface of the air vane and the unique design of the hood, the measurement has hardly no resistance and is relative insensitive for the beam effect at the air supply.

The LCA301 vane anemometer has a reversible 100mm head. This allows readings at supply and extract grilles. This instrument provides accurate en reliable readings everytime.

The VentiFlow displays readings in metric or imperial mode and has an integration time of 3 seconds. The VentiFlow is supplied with a 9V battery, calibration certificate, manual and carrying case.

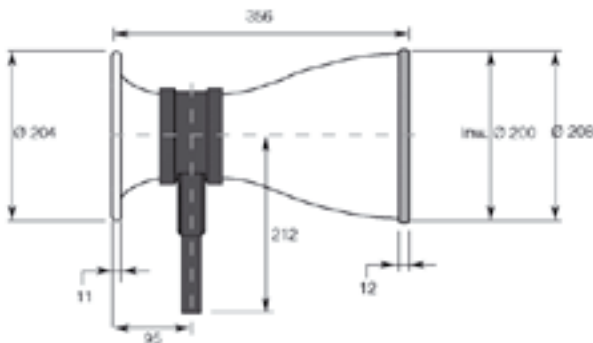
For air volume a graph is provided where at a measured velocity the belonging air quantity can be read.

Features of the VentiFlow[®]

- integration time: 3 seconds
- instrument and hood can be disconnected easily and used separately.

Backpressure compensation

For measurements with zero pressure drop we have the **FlowFinder**[®] available .



TECHNICAL SPECIFICATIONS

measuring range	0,25 .. 30 m/s 7 .. 300 m ³ /h* 2 .. 83 dm ³ /sec
accuracy	1 .. 12 m/s
anemometer	< +/-5% of measured value 12 .. 30 m/s < +/-2% of end value
integration time	3 seconds
battery	1x 9V (life span approximately 50 hours in use) with indication for replacement
dimensions	
LCA -301	110 x 40 x 265 mm
hood	130.2
	see drawing on the left

* with volumes over 150 m³/u we recommend calibration to a **FlowFinder**[®] before every use

acin instrumenten bv

handelskade 76 p.o.box 1111 tel. +31 70 3070703 info@acin.nl
2288 bg rijswijk 2280 cc rijswijk fax. +31 70 3070938 www.acin.nl
the netherlands the netherlands

ACIN