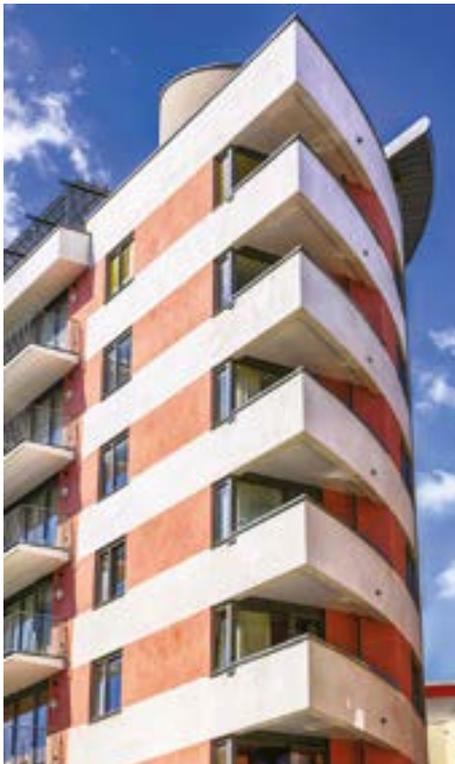


Air Flow Solutions



Instruments

Air flow and velocity measurement,
temperature and humidity data logger



Instrument Solutions

LCA301 anemometer kit



KEY FEATURES

- UKAS certificate of calibration
- Compliant to testing requirements of Domestic Ventilation Compliance Guide 2010
- Aerodynamic design
- Volume flow in m³/hr or l/sec
- Velocity in m/sec
- Self sealing hood 285 x 235 mm
- Tough ABS to take on-site knocks
- 2 year warranty

LCA301

The LCA301 Vane Anemometer kits enables on-site measurement to be taken and air volumes calculated for balancing and commissioning ventilation systems, compliant to the testing requirements of the Domestic Ventilation Compliance Guide 2010.

Simple one handed operation and a large clear LCD ensures that velocity or volume flow reading of air measurement is quick, reliable and accurate.

Supplied with the LCA301 is a 285 x 235 Aircone to attach to the vane sensor.

The LCA301 has a single push button control in the hand grip. When the button is pushed and held down the instrument averages the air velocity every 3 seconds up to 12 minutes duration with the average reading shown on the LCD.

| Function | Parameter |
|--|--|
| Velocity range | 0.25 to 30 m/s (50 to 6.000 ft/min) |
| Velocity accuracy | ±1.0% of reading ±0.02 m/s (±4 ft/min) |
| Duct size | 0.00399 - 90 m ² (0.043 - 173.6 ft ²) |
| Volumetric flow rate | Actual range is a function of velocity and duct area |
| Temperature range | 0 to 60°C (32 to 140°F) |
| Accuracy | ±1.0°C (±2.0°F) |
| Resolution | 0.1°C (0.1°F) |
| Instrument temperature range operating | 0 to 60°C (32 to 140°F) |

| Part No. | Product Description |
|----------|----------------------------|
| 90000017 | LCA301 Vane Anemometer Kit |



Instrument Solutions

LCA301 anemometer kit



KEY FEATURES

- Temperature and Humidity Logger
- Up to 32,000 value storage
- Analytical software supplied (Windows)
- Variable time sampling – 2 seconds to 24 hours
- Wall mounting bracket supplied
- LED mode indicators/buzzer alarm
- 1 year warranty

LOG32 TH

The Airflow LOG32 TH is a portable battery operated Data Logger. Designed for diagnostic analysis of environmental conditions in commercial, production, laboratories, agriculture or any temperature and humidity critical application.

Powered by a long life Lithium battery it is suitable for recording, alarm tracking and display of air temperature, humidity and dew point. An integral USB port enables direct connection to any compatible device where the Windows software (supplied) can be uploaded.

A flashing green LED indicates data recording, while a red LED indicates an adjustable user set point has been exceeded. The logger also has an internal buzzer to support user set alarm conditions.

| Function | Parameter |
|-------------------------------|--|
| Memory storage (total) | 32,000 values |
| Temperature | 16,000 values |
| Humidity | 16,000 values |
| Measuring range – temperature | - 35° to 70° |
| Accuracy | ± 1°C (-10o to 40°C) ± 2°C (41o to 70°C) |
| Measuring range – humidity | 0 to 100%RH |
| Accuracy | ± 3% RH (40% to 60%) ± 3.5% RH (20% to 40%) ± 3.5% RH (60% to 80%) |
| Interface | USB (integrated) |
| Housing | ABS |
| Dimensions | 98 x 25 x 20mm |
| Weight | 70g |
| Battery | 1 x 3.6v Lithium AA battery |

| Part No. | Product Description |
|----------|----------------------|
| 90000536 | LOG32 TH Data Logger |



Air Flow Solutions



Always Innovating

Our constant search for new and better ways to save energy, improve the indoor environment and provide you with high quality, reliable and easy to use products that contribute to a low carbon future continues.

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Customer Services : 01494 560800

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80000191 - Issue5 06/17