

FlowFinder[®] MK2

A Zero Pressure Compensating flow measuring device that utilises a controlled integrated fan to compensate for the resistance caused by the device it's self. Research has proven that the Zero Pressure Compensation method is the most accurate way of measuring the airflow of supply and exhaust apertures of various shapes and sizes. Designed to allow a user to balance and commission mechanical ventilation air supply and exhausts with confidence.

Features

- Fully colour touch screen with an easy to use interface
- High accuracy and very responsive
- Measuring range of 10.550 m³/h, with zero compensation and up to 850 m³/h with calculated pressure compensation.
- Uncertainty of measurement is less than 3% of the indicated value with a min. value of 3 m³/h
- Large flow range (supply and exhaust)
- No Zero-Calibration required and flow direction is detected automatically
- Operating on a proven control algorithm, ensuring excellent repeatability and stability
- Lightweight and easy to handle
- Fast measurement
- Long standby time

Applications

- HVAC testing, adjusting and balancing
- Air volumetric flow measurements through diffusers and grills
- Direct reading of supply and return airflow
- Air conditioning systems with low thermal resistance
- Heat exchange units

Standard Equipment

- Battery Charger
- Hard box transport case
- User manual and instructions
- Calibration certificate (Traceable to primary standards)
- MicroSD with USB adaptor



Specification

Airflow range (supply and exhaust)

Air temperature range
Relative humidity range
Airflow units
Temperature units
Uncertainty air flow (at 20 °C)
Uncertainty temperature and humidity
Repeatability air flow measurement
Resolution air flow measurement
Battery capacity typically
Weight
Dimensions
Display
Dimensions straight hood
Memory
Supported languages

10 - 550 m³/h with zero pressure compensation
551 - 850m³/h with calculated compensation
-10 to +50 °C
0 - 100%
CFM, l/s, m³/h
°C or F
3% of the reading, with a minimum of 3 m³/h
0.3K and 3%RH at 23°C
Better than 1%, with a minimum of 3 m³/h
1m³/h, 0.1l/s, 0.1CFM
12 hours while measuring at around 75m³/h
2230g battery pack included
ø 260 x 350mm
Colour touch screen display
230mm x 230mm x 145mm
4GB micro SD card, USB adapter, SD adapter
Dutch, English, German