

AIRFLOW & ENVIRONMENTAL METER

PRODUCT SPECIFICATION

ABM-200 1.0-0415

ABM-200

The ABM-200 Airflow & Environmental Meter has all of the features of the extremely popular ABM-100 plus it is wireless and also has temperature, humidity, and pressure sensors. These additional sensors give the meter the ability to accurately measure and record:

- Temperature Differential
- Dry Bulb Temperature
- Wet Bulb Temperature
- Heat Index
- **Relative Humidity**
- Dew Point
- **Barometric Pressure**
- Air Density
- Indoor vs. Outdoor Conditions
- Wind Speed/Direction/Gusts



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The wireless ABM-200 can be attached to our EXP-64 64" aluminum extension pole (sold separately) to take readings without having to go up a ladder. The ABM-200 connects seamlessly and immediately to smartphones and tablets utilizing Bluetooth Smart technology. Bluetooth Smart (also known as Bluetooth LE/Low Energy) connects over 20 times faster than traditional Bluetooth devices without a complicated pairing process and uses a fraction of the power for long battery life.

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Features

- Free app that connects the meter to your smartphone
- Onscreen guidance that makes it easy to take accurate readings
- Ruggedized housing with 1/4" 20 mount fitting for handsfree operation
- · Emails professional detailed reports from within the app to enhance professionalism and validate work performed

Technical Data

Operational temperature range: -40°F to +185°F (-40°C to +85°C) Operational temperature range full accuracy: -32°F to +149°F (0°C to +65°C) Power: Panasonic 3.6V, CR 2450 Coin Cell Lithium Battery Battery Life: >500 hours Auto power off 30 seconds after closing or minimizing app or no connection Units of Measure: inWC, inHg, psi, mmWC, mmHg, Pa, kPa, mBar, fpm, cfm, l/s, m/s, F, C, RH%, lb/ft3

Range & Accuracy

| | Range | Accuracy |
|------------------|-----------------|-------------|
| Airflow Velocity | 44 – 12,320 fpm | ± 0.5% |
| Temperature | -40 to 185°F | ± 0.5°F |
| Humidity | 0-95% | ± 3% |
| Pressure | 300-1100 mbar | ± 0.12 mbar |
| | | |

Please note that we are often asked the maximum volume of airflow, this is totally dependent on the size of the duct. For example 12,320 fpm through a 20" x 24" grille is 41,028 CFM. So the range of this meter goes high enough to satisfy any practical HVAC application.

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Designed for use with Android® products. Android® is a registered trademark in the United States and other countries

WORKS WITH

All Apple iPhones 4S or newer & iPads Generation 3 or newer operating on iOS 6.0 or newer.

All Bluetooth Smart compatible Android phones & tablets with operating system 4.3 (Jelly Bean) or newer.

For a list of compatible Android phones please visit aabsmart.com/checkmyphone

SPECIFICATIONS

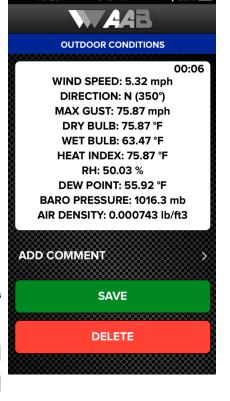
Weight .1 lbs Dimensions 1.8" x 3.4" x 0.7" WHD

WARRANTY

The ABM-200 comes with a one year warranty from the time of purchase. Warranty does not cover items that have been altered or abused. Please visit www.aabsmart.com/support for product service or to process a potential warranty claim.

WHERE TO PURCHASE

This product is available at local HVAC wholesale distributors. For a list of local distributors please visit www.AABsmart.com.



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