

AIRFLOW & ENVIRONMENTAL METER
ABM-200

The ABM-200 Airflow & Environmental Meter is a small, portable, wireless smart tool that, when paired with a smart phone or tablet running the latest CPS Link, can measure, record and e mail a variety of indoor/outdoor temperature, humidity, airflow or pressure conditions taken at residential or commercial job sites.

KEY FEATURES:

- On screen guidance to accurately measure and record test data:
 - Temperature differential, dry bulb, wet bulb and feels like temperatures
 - Airflow velocity and volume
 - Relative humidity, dew point
 - Barometric pressure, air density
 - Indoor/outdoor conditions
 - Wind speed/direction/gusts
- Test And Balance Report- Automatically generated from data collected.
- E-mail professional reports for work completed, and where located
- Client Lists - Easy to enter and retain client contact information
- Cloud back up of data



Ways to attach ABM-200 to gather airflow and environmental data



Mount inside ABM EasyHood



Attach to smartphone



Attach to grille



Mount on EXP-64 extension pole (sold separately)



Mount on TRI-MINI tripod (sold separately)

Data Displayed In Current Conditions Screen



Airflow volume

Airflow velocity

Temperature

Pressure

Humidity

SPECIFICATIONS

Wireless Connection Range	≤100 ft. (30.5 m)
Airflow Volume	Range: 35-1200 CFM (59-2,038 M ³ /H)
Velocity	Range: 44-12,320 fpm (13 - 3,755 mpm) Accuracy: ±0.5%
Pressure (mbar)	Range: 300-1100 Accuracy: ±0.12 mbar
RH	Range: 0-85% Accuracy: ±4%
Temperature	Range: 0 °F to 140 °F (-18 °C to 60 °C) Accuracy: ±0.7 °F (0.4 °C)
Bluetooth Smart	✓
Auto Power Off	No connection or 30 sec after closing app
Battery Type	3.0V CR2450 coin cell lithium (remove/reinstall rubber skin to access battery compartment)
Battery Life	> 500 hrs.
CPS Link	Patented modular test and measurement system technology (US Patent No. 9,043,161)
Warranty	1 Year

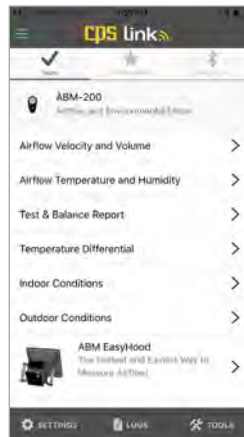
CONDITIONS MEASURED FOR INDOOR OR OUTDOOR TESTS

Environmental Condition	Outdoor Test	Indoor Test
Dry Bulb	✓	✓
Wet Bulb	✓	✓
Feels Like	✓	✓
Relative Humidity	✓	✓
Dew Point	✓	✓
Barometric Pressure	✓	✓
Air Density	✓	✓
Wind Speed	✓	
Wind Direction	✓	
Maximum Wind Gust	✓	

EASY ON-SCREEN GUIDANCE TO RECEIVE, STORE & SEND DATA



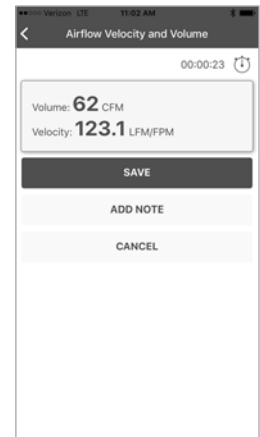
ABM-200 packed in clamshell (included)



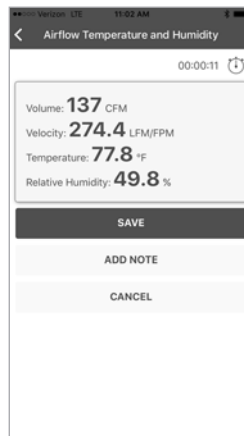
List of tests to select from



Enter duct information



Airflow Velocity and Volume test data



Airflow Temperature and Humidity test data



Log of completed tests



Test & Balance report

FREE CPS LINK™ APP DOWNLOAD



iPhone 4S or newer.



Version 4.3 or higher

PACKAGING

	CLAMSHELL				INTERMEDIATE CARTON				MASTER CARTON			
	L x W x H	Weight	Meter Qty	Bar Code	L x W x H	Weight	Meter Qty	Bar Code	L x W x H	Weight	Meter Qty	Bar Code
ABM-200	5.00 x 2.40 x 1.00 inches (127 x 61.25 mm)	0.22 lb 0.10 kg	1	850470006022	7.00 x 5.80 x 5.80 inches (178 x 147 x 147 mm)	2.93 lb 1.33 kg	12	30850470006023 ABM-200-C	12.60 x 7.70 x 12.70 inches (320 x 196 x 323 mm)	12.00 lb 5.44 kg	48	20850470006026 ABM-200-MC