

MarMonix MAL 800

Digital HVAC Anemometer



Ordering Info

- **Part Number** : 7603161
- **GTIN**: 6298043998239

Package Contents

- 1 × MAL 800 (main unit)
- 1 × Telescopic Vane Probe
- 1 × USB Data Cable
- 1 × Software
- 1 × User Manual
- 4 × 1.5 V AAA Battery
- 1 × Protective PP Box
- 1 × Certificate of Conformity
- 1 × Warranty card

Quick Spec Highlights

- **Air Velocity Range:** 0.0 – 45.0 m/s
(0 – 100 mph, 0 – 88 knots, 0 – 8800 ft/min)
- **Air Flow Range:** 0 – 999,900 CMM / CFM
- **Temperature Range:** 0 – 45 °C (32 – 113 °F)
- **Memory Capacity:** Stores up to 500 records, USB data transfer

Key Features

- **Multi-Function:** Measures air velocity, flow, and temperature for HVAC applications.
- **Unit Options:** m/s, ft/min, knots, km/h, mph, plus CFM & CMM.
- **Data Functions:** Max/Min, average, 2/3 Vmax, hold, 500-record memory, USB output.
- **Efficient Operation:** Auto power-off, backlight, key alerts, low-battery indicator.
- **Rugged & Portable:** 20 h runtime, lightweight 330 g design, large LCD display.

Warranty

This device is covered by a 2-year warranty from the date of purchase, ensuring reliability and long-term support. The warranty applies to defects in materials and workmanship under normal use. It excludes consumables (fuses, disposable batteries) and damage caused by accident, misuse, modification, contamination, or operation outside specified conditions.

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Specifications

Wind Velocity Range				
Unit	Range	Resolution	Lowest Point of start value	Accuracy
m/s	0.0 – 45.0	0.001	0.3	±3% ±0.1
ft/min	0.0 – 8800	0.01 / 0.1 / 1	60	±3% ±20
knots	0.0 – 88.0	0.01 / 0.01	0.6	±3% ±0.2
km/h	0.0 – 140.0	0.001	1	±3% ±0.4
mph	0.0 – 100	0.001 / 0.01	0.7	±3% ±0.2

Unit Conversatin					
From / To	m/s	ft/min	knots	km/h	mph
1 m/s	1	196.87	1.944	3.6	2.24
1 ft/min	0.00508	1	0.00987	0.01829	0.01138
1 knot	0.5144	101.27	1	1.8519	1.1523
1 km/h	0.2778	54.69	0.54	1	0.6222
1 mph	0.4464	87.89	0.8679	1.6071	1

Wind flow range			
Unit	Range	Resolution	Area
CFM (ft ³ /min)	0 – 999,900 ft ³ /min	0.001 – 100	0.001 – 9999
CMM (m ³ /min)	0 – 999,900 m ³ /min	0.001 – 100	0.001 – 9999

Air Temperature Range			
Unit	Scale	Resolution	Accuracy
°C	0.0 – 45.0	0.1	±1.0 °C
°F	32.0 – 113.0	0.1	±1.8 °F

Operation Conditions		
Component	Temperature Range	Humidity
Host	0 – 50 °C (32 – 122 °F)	≤80% RH
Fan	0 – 60 °C (32 – 140 °F)	≤80% RH

Storage Conditions	
Parameter	Range
Temperature	-40 °C ~ 60 °C (-40 °F ~ 140 °F)
Humidity	≤80% RH

Disclaimer

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