

## Vane Anemometer

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### Features :

- Measure current wind speed, temperature & humidity
- Measurement of current air volume, temperature & humidity
- Measure wind speed/MAX wind flow / min wind flow
- 2/3 wind flow value/average value
- Wind speed/flow units and temperature units selection
- Measure wind direction angle
- Real time measurement with connection USB with computer software
- Backlight & data holding (HOLD)
- Low battery indication
- Automatic shutdown setting



### Specifications :

#### 1. Wind Velocity Range

Unit	Wind Velocity Range	Resolution	Lowest Point of start value	Accuracy
m/s	0.0 to 45.0	0.01	0.3	±3%±0.1
Ft/min	0.0 to 8800	0.01/0.1/1	60	±3%±20
Knots	0.0 to 88.0	0.01	0.6	±3%±0.2
Km/h	0.0 to 140.0	0.01	1	±3%±0.4
Mph	0.0 to 100	0.01	0.7	±3%±0.2

#### 2. Wind flow range

CFM : 0 to 999900 ft<sup>3</sup>/min

CMM : 0 to 999900 m<sup>3</sup>/min

Unit	Range	Resolution	Area
CFM (FT <sup>3</sup> /MIN)	0 to 999900	0.001 to 100	0.001 to 9999 ft <sup>2</sup>
CMM (M <sup>3</sup> /MIN)	0 to 999900	0.001 to 100	0.001 to 9999 m <sup>2</sup>

#### 3. Unit Conversion

	m/s	Ft/min	Knots	Km/h	Mph
1 m/s	1	196.87	1.944	3.60	2.24
1 ft/min	0.00508	1	0.00987	0.01829	0.01138
1 knots	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

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**4. Wind Temperature****(a). Temperature Range**

Unit	Scale	Resolution	Accuracy
°C	0 to 45	0.1	±1.0°C
°F	32 to 113	0.18	±1.8°F

**(b). Humidity Range**

Unit	Min/Max	Resolution	Accuracy	Test Conditions
%RH	10 to 90	0.1	±5%	90% RH (non-condensing)

**5. Operating Current**

Unit	Description	Min/Max	TYP	Test Conditions
mA	Operating Current 1	15 to 20	18	Backlight is OFF
mA	Operating Current 2	20 to 25	23	Backlight is ON
V	Low battery indication	3.5 to 4.5	4	
µA	Stand by current	0 to 8	5	

**6. Operation Conditions**

Temperature	0 to 50°C (32 to 122°F)
Humidity	40 to 80% RH

**7. Storage Conditions**

Temperature	-40 to 60°C (-40 to 140°)
Humidity	≤80% RH

8. **Power Supply** : AAA 1.5V alkaline battery x 4 Nos.9. **Dimensions** : 73 x 38 x 194 mm; 74 x 35 x 2100 mm (after lengthening)10. **Weight** 212.9 g (without battery)**Standard Delivery :**

Basic Instrument in Hard Case  
 Battery – 1.5V AAA x 4 Nos.  
 Auxiliary Fan  
 USB Cable  
 Instruction Manual

**Optional :**

Calibration Certificates are issued in Accordance with our  
 Scope as granted by NABL per ISO/IEC 17025:2017  
 Standards

*Manufactured by*

Since 1972

**NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED****AN ISO 9001:2015 CERTIFIED COMPANY**

170/1a2, Chennai Bangalore Highway Road, Sembambakkam, Chennai – 600 123. INDIA.

Phone - Domestic Sales 044-6677 7024, 044-6677 7005 Email : [mktgchennai@nagman.com](mailto:mktgchennai@nagman.com)Phone - Export Sales +91-44-6677 7025. Email : [exports@nagman.com](mailto:exports@nagman.com)[www.nagman.com](http://www.nagman.com)