

DATA SHEET

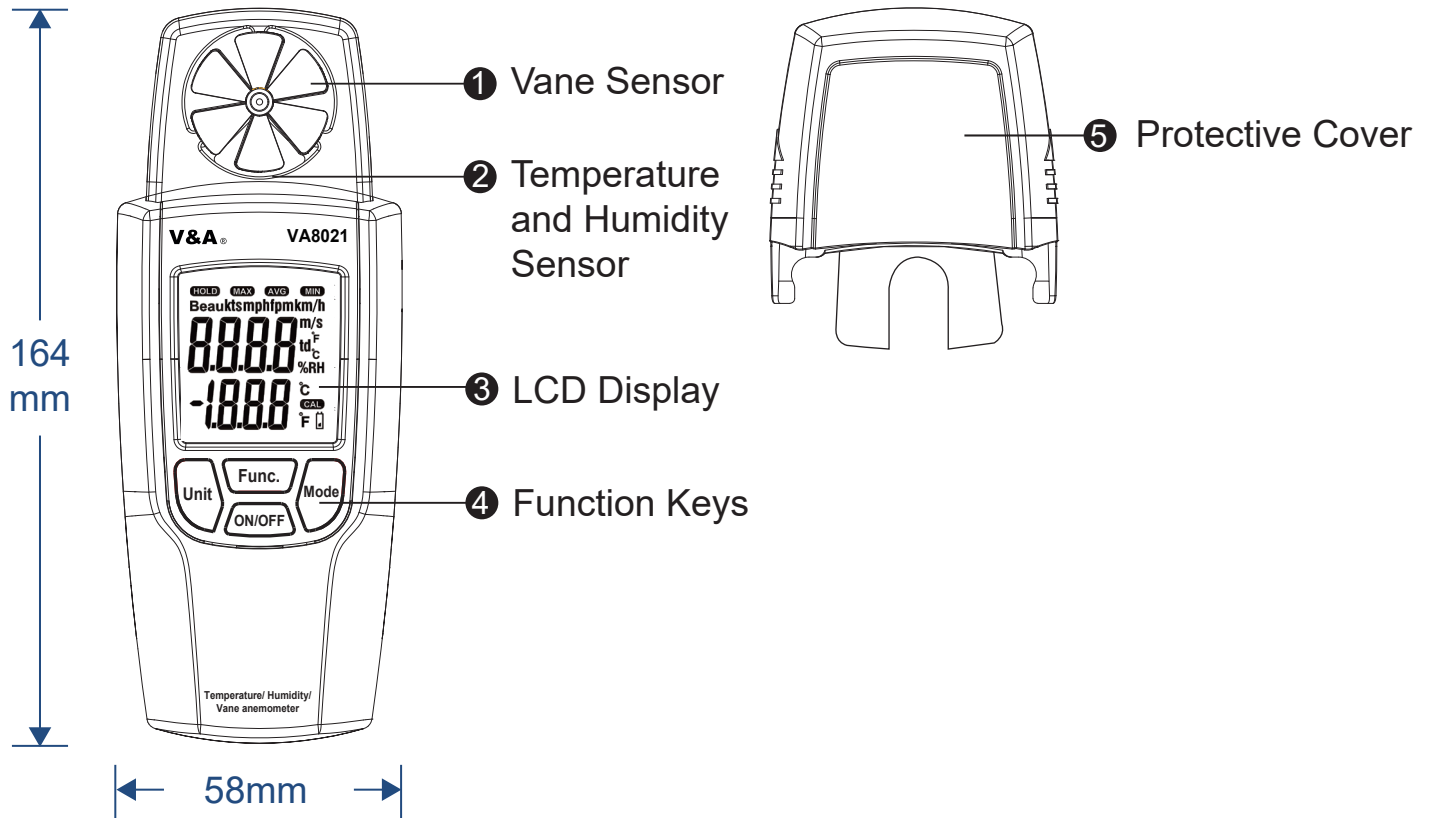
ANEMOMETER VA8020/ VA8021/ VA8022

PRODUCT HIGHLIGHTS

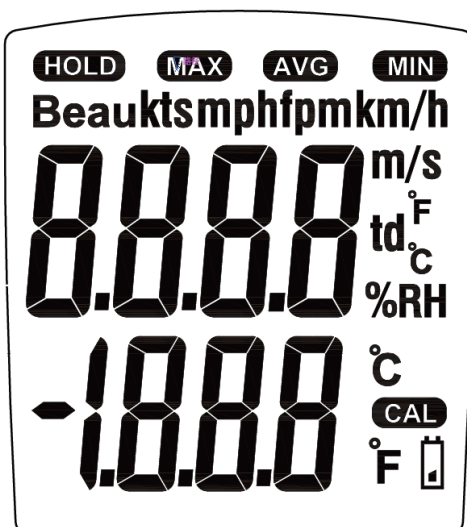


- MAX/ MIN Value Measurement
- Range Display
- Data Hold
- Backlight
- Low Battery Indication
- Auto Power Off
- Battery 1.5V (AAA) x 3

1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Dual Display: 7-segment characters LCD
- Number of digits: 4 digits
- Overflow display: "OL" is displayed
- Sample rate: 2 times/ sec for digital data

3. ANEMOMETER SELECTION GUIDE

	VA8020	VA8021	VA8022
Measurement Parameters	Velocity: m/s, km/ h, fpm, mph kts, Beaufort Temperature: °C, °F	Velocity: m/ s, km/ h, fpm, mph kts, Beaufort Temperature: °C, °F Humidity: % RH, td (dew point temperature)	Velocity: m/ s, km/ h, fpm, mph kts, Beaufort Temperature: °C, °F Air volume: m³/ h, m³/ s, CFM
Accuracy	Velocity: $\pm(2\% \text{ of reading} + 0.3\text{m/ s})$ $\pm(2\% \text{ of reading} + 60\text{fpm})$ Temperature: $\pm 1^\circ\text{C}$; $\pm 1.8^\circ\text{F}$	Velocity: $\pm(2\% \text{ of reading} + 0.3\text{m/ s})$ $\pm(2\% \text{ of reading} + 60\text{fpm})$ Temperature: $\pm 1^\circ\text{C}$; $\pm 1.8^\circ\text{F}$ Humidity: $\pm 3\% \text{ RH}$ (5~95% RH)	Velocity: $\pm(2\% \text{ of reading} + 0.3\text{m/ s})$ $\pm(2\% \text{ of reading} + 60\text{fpm})$ Temperature: $\pm 1^\circ\text{C}$; $\pm 1.8^\circ\text{F}$ Air volume: $\pm(3\% \text{ of reading}) \text{ m}^3/\text{s}$
Resolution	Velocity: 0.1m/ s, fpm Temperature: 0.1°C, 0.1°F	Velocity: 0.1m/ s, fpm Temperature: 0.1°C, 0.1°F Humidity: 0.1% RH	Velocity: 0.1m/ s, fpm Temperature: 0.1°C, 0.1°F Air volume: 1m³/ h
Humidity Range	-	0~100% RH	-
Wind Volume Range	-	-	0-99999 m³/ s
Temperature Range	-10°C~50°C (14°F~122°F)		
Wind Speed Range	0.4~20 m/ s, 80~4000 fpm		
Sample Rate	2 times/ sec		
Display	4 digits LCD display		
Data Hold	●		
MAX/ MIN Value	●		
Backlight	●		
Overload Display	●		
Auto Power Off	●		
Low Battery Indication	●		
Power	1.5V battery (AAA) x 3		
Size	164 x 58 x 29 mm		
Weight	~128g (without battery)		

4. GENERAL SPECIFICATIONS

Function	Value
Pollution degree	2
Operating altitude	< 2000 m
Operating temperature/ humidity	-10°C~50°C, 14°F~122°F; 0~80% RH
Storage temperature/ humidity	-20°C~60°C, -4°F~140°F; 0~80% RH
Power supply	1.5V (AAA) x 3
Dimension/ weight	164(L) x 58(W) x 29(H) mm/ Approx 128g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA8020/ VA8021/ VA8022	Anemometer	1 Piece
	Protective Cover	1 Piece
	Wrist String	1 Piece
	User Manual	1 Piece
	Battery 1.5V (AAA)	3 Pieces
	Protective Carry Case	1 Piece
	Box	1 Piece

6. APPLICATIONS



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