

DATASHEET

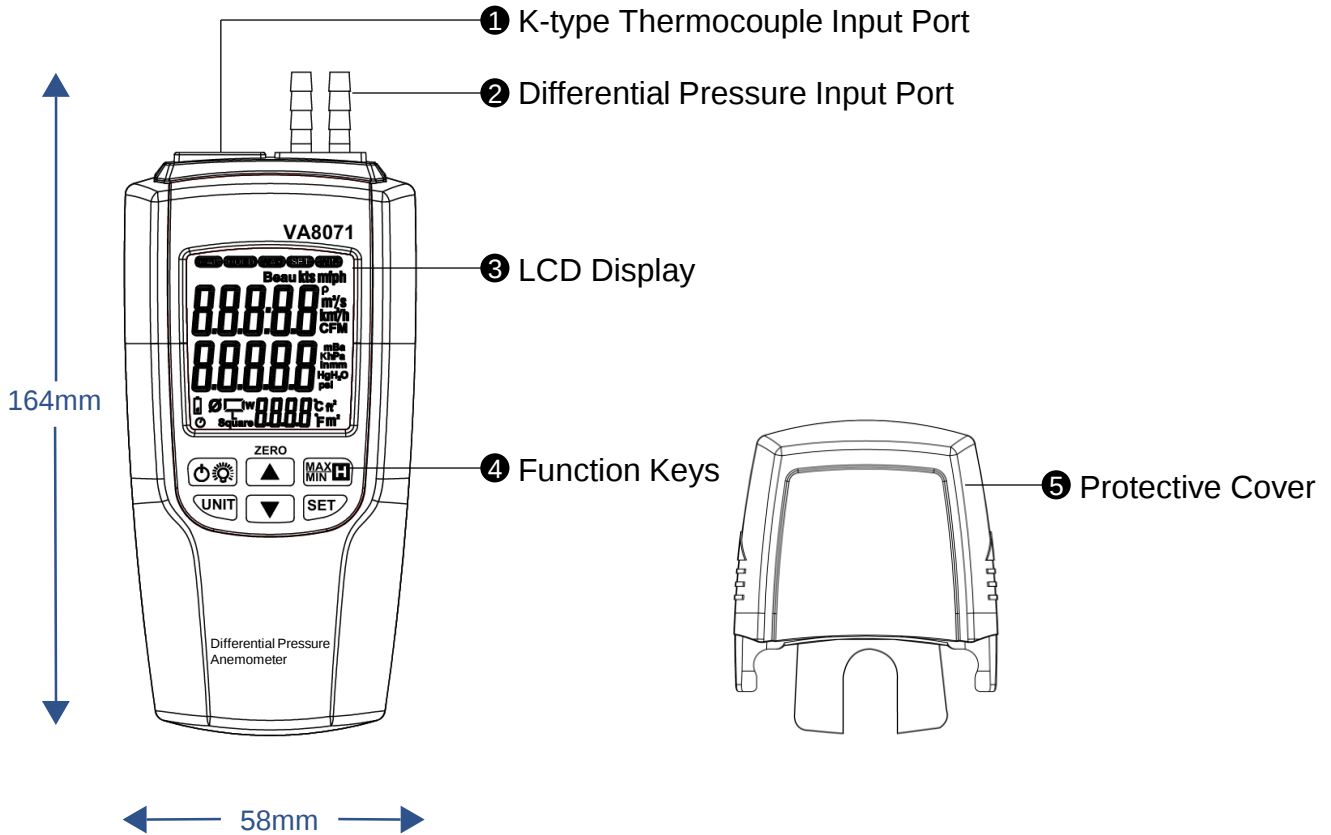
DIFFERENTIAL PRESSURE ANEMOMETER - VA8071

PRODUCT HIGHLIGHTS

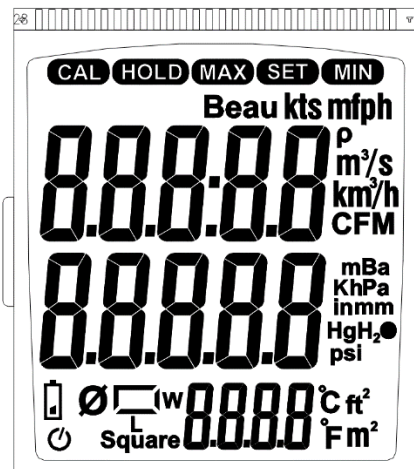


- Powerful meter for differential pressure, temperature, air velocity, and airflow measurement
- User-defined duct shape and size for maximum airflow accuracy
- MAX/MIN Value Measurement
- Data Hold
- Backlight
- Low Battery Indication
- Auto Power Off
- Battery 1.5V (AAA) x3

1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display: Triple LCD 7-segment digits
- Display counts: 5 digits
- Overflow display: "OL" is displayed
- Sample rate: 1 time/sec for digital data

3. TECHNICAL SPECIFICATIONS

	VA8071
Measurement Functions	Differential pressure, Thermocouple temperature, Air velocity and air volume
Range	Pressure: +/-1500Pa Thermocouple temperature: -10 to +70°C, (+14 to +158°F) Air velocity: 0 to 50m/s Air volume: 0 to 99,999 m³/h
Accuracy	Pressure: ±1%+1 Pa Temperature: ±1°C, ±1.8°F Air velocity: ±(2% of reading + 0.3 m/s) Air volume: ±(3% of reading) m³/s
Resolution	Pressure: 1 Pa, 0.1hPa, 0.1 in H ₂ O Temperature: 0.1°C, 0.1°F Air velocity: 1 m³/h, 1 CFM
Parameters	Pressure: Pa, hPa, mbar, mmH ₂ O, mmHg, in HG, in H ₂ O, psi Temperature: °C, °F Air velocity: m/s, kts, Beau, mph, fph, km/h Air volume: m³/h, CFM, m³/s
Display	5 digits LCD display
MAX/MIN	●
Data Hold	●
Backlight	●
Low Battery Indication	●
Auto Power Off	About 20 minutes
Power	Battery 1.5V (AAA) x3
Size	164 x 58 x 29 mm
Weight	~120g (without battery)

4. GENERAL SPECIFICATIONS

Function	Value
Pollution Degree	2
Operating Altitude	<2000m
Protection Class	IP20
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	Battery 1.5V (AAA) x3
Dimension/Weight	164(L) x 58(W) x 29(H) mm / Approx 120g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA8071	Differential Pressure Anemometer	1 Piece
	Wrist Strap	1 Piece
	Protective Cover	1 Piece
	Protective Carry Case	1 Piece
	K-Type Thermocouple	1 Piece
	User Manual	1 Piece
	Battery 1.5V (AAA)	3 Pieces
	Box	1 Piece

6. APPLICATIONS



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