

Integral Fan Air Flow Meter



Handheld anemometer 8903/8904/8906

- ▲ Fashion design with one hand operation
- ▲ Integral fan with temperature sensor built-in
- ▲ Measures air velocity & temperature
- ▲ Windspeed metric and imperial units selectable
- ▲ Temp. Units °C/°F selectable
- ▲ Display max./min./avg. value
- ▲ Hold function to freeze current readings
- ▲ Auto power off in 20 mins inactivity to save power
- ▲ Sleep and non-sleep mode selectable
- ▲ LCD display flash as low battery indicator
- ▲ 8904 extra features: 8 points velocity average
- ▲ 8906 extra features: 8 points velocity average, volume

THE CONVERSION OF WIND SPEED UNITS:

UNIT	M/S	FTM	KNOTS
1 M/S=	1	196.87	1.944
1 FTM=	0.00508	1	0.00987
1 KNT=	0.5144	101.27	1
1 KMH=	0.2778	54.69	0.54
1 MPH=	0.4464	87.89	0.8679

UNIT	KMH	MPH
1 M/S=	3.6	2.24
1 FTM=	0.01829	0.01138
1 KNT=	1.8519	1.1523
1 KMH=	1	0.6222
1 MPH=	1.6071	1

AIR VOLUME EQUATION:

CUBIC EQUATIONS:

$$\text{CFM}(\text{FT}^3/\text{M}) = \text{AIR VELOCITY}(\text{FTM}) \times \text{AREA}(\text{FT}^2)$$

$$\text{CMM}(\text{M}^3/\text{MIN}) = \text{AIR VELOCITY}(\text{M/S}) \times \text{AREA}(\text{M}^2) \times 60$$

Optional



USB cable & software

P/N: VZUSBAZM

RS232 cable & software

P/N: VZRS232NB

	8903	8904	8906
Wind speed range	0.4~30m/s; 80~5900ftm		
Wind speed accuracy	+/- (2% of reading +0.2 m/s)		
Air temp. range	-10~50.0°C		
Air temp. resolution	0.1°C/°F		
Air temp. accuracy	+/- 1°C		
Windspeed unit (m/s)	YES	YES	YES
Windspeed unit (ft/m)	YES	YES	YES
Windspeed unit (KM/H)	N/A	YES	YES
Windspeed unit (MPH)	N/A	YES	YES
Windspeed unit (knot)	N/A	YES	YES
Air volume unit (cms)	N/A	N/A	YES
Air volume unit (cfm)	N/A	N/A	YES
Temp. response time	60 seconds (typical)		
LCD update	every second		
Air volume display			0 to 9999m ³ /s
Air volume resolution			0.1(0 to 999.9) or 1 (1000 to 9999)
LCD size	34(H)x40(W)mm		
Operating temp.	0~50°C		
Operating RH%	Humidity<80%		
Storage temp.	-10~50°C		
Storage RH%	Humidity < 90%		
PC Link	YES		
8 points velocity average	N/A	YES	YES
Battery life	100 hours		
Dimension(mm)	183x76x45 (meter);70 (impeller)		
Weight	~150g		
Battery	9V battery x 1pc		
Optional accessory	Software kit		
Standard Package	Meter/Battery/Manual/Hard carry case		