

# 10cm VANE WIRELESS AIR FLOW METER



## Wireless 10cm Vane Air Flow, Temp. Humidity & CO<sub>2</sub> Anemometer 89161/89171/89191

- Measures air velocity, volume, CO<sub>2</sub>, temperature, humidity, dew point & wet bulb temperature
- Broadcasting data every second to smart devices by using BLE4.0 technology
- 10cm diameter vane type with built-in NDIR waveguide technology CO<sub>2</sub> sensor, Temp. and humidity sensors
- Auto airflow cone recognize
- Optional square & round flow cone and extension stick
- Unlimited points average auto calculation
- Time weighted average auto calculation
- Free APP provides data recording, photograph & filing

89161  
89171  
89191

APP:  
Nice Flow

### Optional



#### METER & CONE EXTENSION STICK

P/N: VZ8916PNL  
For wind meter and VZ8916RNL cone. Phone holder included  
Length after extension: 170cm  
Length for package: 54cm  
Package: Soft carry bag



**MEASURE AIR VOLUME EASILY, NO NEED TO INPUT OUTLET SIZE!**

#### AIR FLOW CONE

P/N: VZ8916RNL  
For model 89161/89171/89191/8916/8917/8919  
Round size (mm): 210  
Square size (mm): 346x346  
Soft carry case package

**ROUND & SQUARE SIZE ARE SOLD AS A SET**



Model	89161	89171	89191
Wind speed range	0.20~30.00M/S		
Wind speed accuracy	+/- (1.5 % of reading + 0.3m/s) for under 20m/s +/- (3 % of reading + 0.3m/s) for above 20m/s		
Air temp. range	-20~60.0°C		
Air temp. resolution	0.1°C/°F		
Air temp. accuracy	+/-0.6°C		
Air RH% range	0.1%RH~99.9%RH		
Air RH% resolution	0.1%RH		
Air RH% accuracy	+/-3%RH (at 25°C, 10~90%RH, others +/-5%RH)		
CO <sub>2</sub> range	0~9999 ppm, (5001~9999 ppm out of scale range)		
CO <sub>2</sub> accuracy	±30ppm±5% of reading (0~5000ppm)		
Temp. response time	60 seconds (typical)		
Air RH% response time	60 seconds (typical)		
LCD update	every second		
Wet Bulb temp. display	-20~59.9.0°C		
Dew point temp. display	-5~59.9°C		
Air volume display (CMM)	0 to 99999m <sup>3</sup> /minute		
Air volume resolution	0.1(0 to 9999.9) or 1 (10000 to 99999)		
LCD size	32.5(H)x54(W)mm		
Operating temp.	0~50°C		
Operating RH%	Humidity < 80%		
Storage temp.	-10~50°C		
Storage RH%	Humidity < 90%		
Dimension (mm)	269x106x51		
Weight	~200g		
Battery	AAA x 4pcs		
Optional accessory	Airflow cone (w/soft carry case) & cone extension stick		
Standard Package	Meter/Battery/Manual/Hard carry case		

#### Ordering Code

VZ89161AZ, 89161AZ wireless anemometer  
VZ89171AZ, 89171AZ wireless anemometer  
VZ89191AZ, 89191AZ wireless anemometer  
VZ8916RNL, round+square air flow cone  
VZ8916PNL, extension stick for meter & cone

