

ANEMOMASTER™ VANE MODEL 6810 SERIES



Rotating vane digital anemometer

Features:

- High accuracy from 40 to 7800 feet per minute
- 2 vane head sizes are available for users' applications
- Industrial grade enclosure and metal vane probe
- Large display with backlight
- Data HOLD, record and recall MAX/MIN
- Includes metal vane sensor (choice of 2.75" or 1.00" diameter) with 5 ft long cable, extension rod with handle grip, flexible extension rod, 3 pcs. AA batteries, carrying case, and NIST-traceable calibration certificate



1 inch Air Velocity Probe



6815 comes with HTP202

Specifications	6812		6813		6815	
Model	6812		6813		6815	
Air Velocity Ranges	2.75" Head	1.00" Head	2.75" Head	1.00" Head	2.75" Head	1.00" Head
ft/min	40 to 7800	300 to 6800	40 to 7800	300 to 6800	40 to 7800	300 to 6800
m/s	0.20 to 40.0	1.5 to 35.0	0.20 to 40.0	1.5 to 35.0	0.20 to 40.0	1.5 to 35.0
Resolution	1 FPM or 0.01 m/s		1 FPM or 0.01 m/s		1 FPM or 0.01 m/s	
Air Flow CFM (ft3/min)	0 to 9999		n/a		n/a	
Temperature Ranges	n/a		-4 to 212°F (-20 to 100°C)		-4 to 176°F (-20 to 80°C) *with HTP202	
Accuracy	n/a		+/- (0.3°C +0.2% of reading in °C)		+/- (0.3°C +0.2% of reading in °C)	
Relative Humidity Ranges	n/a		n/a		5.0 to 95.0% RH	
Accuracy	n/a		n/a		+/- 2.0% RH	
Power Supply	3 x AA Batteries		3 x AA Batteries		3 x AA Batteries	
Main Unit Dimensions	W3.2" x H6.5" x D1.5"		W3.2" x H6.5" x D1.5"		W3.2" x H6.5" x D1.5"	
Weight	0.95 lbs (430 g)		0.95 lbs (430 g)		1.1 lbs (500 g)	

Air Velocity Probes					Humidity & Temp. Probe	
Model	AP275	APT275	AP100	APT100	Model	HTP202
Air Velocity	2.75" Head		1.00" Head		Relative Humidity	
ft/min	40 to 7800		300 to 6890		Range	5.0 to 95.0% RH
m/s	0.20 to 40.0		1.5 to 35.0		Resolution	0.1% RH
Accuracy	+/- (1.0% reading + 1 digit)		+/- 0.50% FS + 0.75% reading + 1 digit		Accuracy	+/- 2.0% RH
Temperature					Temperature	
°F	n/a	-4 to 212	n/a	-4 to 212	°F	-4 to 176
°C	n/a	-20 to 100	n/a	-20 to 100	°C	-20 to 80
Accuracy	n/a	+/- (0.3°C +0.2% of reading in °C)	n/a	+/- (0.3°C +0.2% of reading in °C)	Accuracy	+/- (0.3°C +0.2% of reading in °C)

VANE AIR VELOCITY TRANSMITTERS

Features:

- Transmitters specially designed for monitoring the Indoor Air Quality in the air conditioning, heating, and ventilation industries.
- Two versions available:
AT400: Air Velocity Transmitter (2.75" and 1.00" probe options available)
TAT420: Air Velocity & Temperature Transmitter (2.75" and 1.00" probe options available)
- Three separate power supplies 110 VAC 50/60 Hz, 220 VAC 50/60 Hz, and 10-30 VDC
- Three concurrent outputs for each measurement: 0-1 VDC, 0-5 VDC, and 4-20 mA DC
- Temperature range -4 to 212°F (-20 to 100°C)

