



Function	0810	0820	0825	0825NV	0830	0835	0835NV	0835DT	0840GRY	0840NV	0842	08425	0843	0845	0845NV	Function
Supplier Model	1000	2000	2500	2500NV	3000	3500	3500NV	3500DT	4000GRY	4000NV	4200	4250	4300	4500	4500NV	
Current Wind Speed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Current Wind Speed
Max. Wind Gust	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Max. Wind Gust
Avg. Wind Gust	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Avg. Wind Gust
Volume Air Flow											✓					Volume Air Flow
Temperature		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Temperature
Wind Chill		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Wind Chill
Relative Humidity					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Relative Humidity
Heat Stress Index					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Heat Stress Index
Dewpoint Temp.					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Dewpoint Temp.
Wet Bulb Temp.						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Wet Bulb Temp.
Humidity Ratio											✓	✓				Humidity Ratio
Evaporation Rate													✓			Evaporation Rate
Delta T								✓								Delta T
Barometric Pressure			✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	Barometric Pressure
Absolute Pressure												✓				Absolute Pressure
Altitude			✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	Altitude
Air Density												✓				Air Density
Density Altitude									✓	✓	✓	✓	✓	✓	✓	Density Altitude
Digital Compass														✓	✓	Digital Compass
Wind Direction														✓	✓	Wind Direction
Crosswind														✓	✓	Crosswind
Headwind/Tailwind														✓	✓	Headwind/Tailwind
Backlit Display		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Backlit Display
Pressure Trend			✓	✓		✓	✓		✓	✓	✓			✓	✓	Pressure Trend
Data Storage									✓	✓	✓	✓	✓	✓	✓	Data Storage
Data Upload									✓	✓	✓	✓	✓	✓	✓	Data Upload
Clock			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Clock

Specifications:

Air Velocity Range: 0.4 to 60.0 m/s; 59 to 11,948 fpm; 1.0 to 218.0 kph; 0.8 to 135.0 mph; 0.6 to 118.3 knot; 0 to 12 Beaufort

Accuracy: Larger of 3% rdg. or LSD

Air Flow Range: 0 to 99,999 cfm; 0 to 99,999 m³/h; 0 to 99,999 m³/m; 0.0 to 9,999.9 m³/s; 0 to 99,999 l/s

Accuracy: 3% rdg.

Temperature Range: -49.0 to 257.0°F; -45.0 to 125.0°C

Accuracy: 1.8°F; 1.0°C

Humidity Range: 0.0 to 100.0% RH

Accuracy: 3.0% RH

Evaporation Rate: 0.00 to 1.00 lb/ft²/hr; 0.00 to 5.00 kg/m²/hr

Accuracy: ±0.02 lb/ft²/hr; ±0.1 kg/m²/hr

Pressure Range: 0.3 to 32.5 inHg; 10 to 1100 hPa/mb; 0.15 to 16.0 psi

Accuracy: 0.05 inHg; 1.5 hPa/mb; 0.02 psi

Altitude Range: -6000 to 30,000 ft; -2000 to 9000 m

Accuracy: 50 ft; 15 m

Cross/Head/Tailwind Range: 0.8 to 135.0 mph; 59 to 11,880 fpm; 1.0 to 217.3 kph; 0.4 to 60.0 m/s; 0.6 to 117.3 knot

Accuracy: 5%

Wind Chill Range: 0.8 to 135.0 mph, -49.0 to 257.0°F; 0.4 to 60.0 m/s; -45.0 to 125.0°C

Accuracy: 1.8°F; 1.0°C

Heat Index & Dew Point Range: 0.0 to 100.0%RH, -49.0 to 257.0°F; 0.0 to 100.0%RH, -45.0 to 125.0°C

Accuracy: 3.6°F; 2.0°C

Wet Bulb Temperature Range: -49.0 to 257.0°F, 0.0 to 100.0% RH, 8.86 to 32.48 inHg; -45.0 to 125.0°C, 0.0 to 100.0% RH, 300.0 to 1100.0 hPa

Accuracy: 3.6°F; 2.0°C

Humidity Ratio Range: 0.000 to 5.000.0 gpp; 0.00 to 720.0 g/kg

Accuracy: 10%

Density Altitude Range: -49.0 to 257.0°F, 0.0 to 100.0% RH, 8.86 to 32.48 inHg; -45.0 to 125.0°C, 0.0 to 100.0% RH, 300.0 to 1100.0 hPa

Accuracy: 246 ft; 75 m

Air Density Range: -49.0 to 257.0°F, 0.0 to 100.0% RH, 8.86 to 32.48 inHg; -45.0 to 125.0°C, 0.0 to 100.0% RH, 300.0 to 1100.0 hPa

Accuracy: ±2%

Wind Direction Range: 0 to 360° Cardinal points

Accuracy: 5°

Pressure Trend: Continuously updating 3-hr barometric pressure trend indicator: rising rapidly, rising, steady, falling, falling rapidly

Data Storage: 2000-point data logger w/ graphical display; interval settable from 2s to 12 hr

Display: **1000, 2000, 3000:** Reflective 3-1/2 digit LCD; **2500, 3500:** Reflective 4-digit LCD; **4000, 4200, 4250, 4300, 4500:** Multi-digit programmable dot matrix

Power Supply: **1000, 2000, 2500, 3000, 3500:** One CR2032 battery (included); **4000, 4200, 4250, 4300, 4500:** Two AAA batteries

Dimensions/Weight: **1000, 2000, 2500, 3000, 3500:** 122 x 42 x 18mm/65g; **4000, 4200, 4250, 4300, 4500:** 127 x 45 x 28mm/102g

Model	Description
0801	Replacement Impeller
0802	RH Calibration Kit
0791	Rotating Vane Mount
0792	Collapsible Tripod
0793	Tripod Clamp
0807	Mini Tripod w/ Carrying Case
0804SER	Interface Serial Port
0804USB	Interface USB Port
0805	Carrying Case
0806BLK	Tactical Carrying Case, Black

