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Function		Vantage Vue	Vantage Pro2	USA Units			Metric Units		
				RESOLUTION	RANGE	ACCURACY ±	RESOLUTION*	RANGE	ACCURACY ±
AGRICULTURAL	Evapotranspiration		●	0.01"	0 to 199.99"	5%	0,1 mm	0 to 1999,9 mm	5%
	Growing Degree-Days		○	0.1 Degree-Day	Unlimited	0.5 Degree-Day	0,1 Degree-Day	Unlimited	0,3 Degree-Day
	Cooling/Heating Degree-Days	✔	○	0.1 Degree-Day	Unlimited	0.5 Degree-Day	0,1 Degree-Day	Unlimited	0,3 Degree-Day
	Leaf Wetness		●	1	0 to 15	0.5	1	0 to 15	0.5
	Soil Moisture		●	1 cb	0 to 200 cb		1 cb	0 to 200 cb	
BAROMETRIC PRESSURE	Barometric Pressure (Elevation range: -999' to +15,000'; -600 to +4570 m)	✔	✔	0.01" Hg	16" to 32.5" Hg	0.03" Hg	0,1 mm Hg 0,1 mb or hPa	410 to 820 mm Hg 540 to 1100 mb or hPa	0,8 mm Hg 1,0 mb or hPa
	Three-Hour Trend	✔	✔	Slow ≥ 0.02" Hg Rapid ≥ 0.06" Hg	5-Position Arrow		Slow ≥ 0,5 mm (0,7 mb) Rapid ≥ 1,5 mm (2 mb)	5-Position Arrow	
HUMIDITY	Inside Humidity	✔	✔	1%	1% to 100%	2%	1%	1% to 100%	2%
	Outside Humidity Sensor Suite	✔	✔	1%	1% to 100%	2%	1%	1% to 100%	2%
	Outside Humidity (T/H Sensors)		●	1%	1% to 100%	2%	1%	1% to 100%	2%
	Outside Humidity (VP2 T/H Stations)		●	1%	1% to 100%	2%	1%	1% to 100%	2%
	Inside Dew Point	○	○	0.1°F	–60° to +140°F	2°F	0,1°C	–50° to +60°C	1°C
	Outside Dew Point Vue	✔		1°F	–105° to +130°F	2°F	1°C	–76° to +54°C	1°C
	Outside Dew Point VP2 Sensor Suite		✔	1°F	–105° to +130°F	2°F	1°C	–76° to +54°C	1°C
RAINFALL	Rainfall		✔	0.01"	0 to 199.99"	3%	0,2 mm	0 to 6553 mm	3%
		✔				4%			4%
	Rate of Rainfall	✔	✔	0.01"/hr	0 to 30"/hr	5% ≤ 10"/hr	0,1 mm/hr	0 to 762 mm/hr	5% ≤ 254 mm/hr
SOLAR & UV	Solar Radiation		●	1 W/m2	0 to 1800 W/m2	5%	1 W/m2	0 to 1800 W/m2	5%
	Solar Energy		○	0.1 Ly	1999.9 Ly	5%	0,1 Ly	1999,9 Ly	5%
	UV Dose		●	0.1 MEDs	0 to 199 MEDs	5%	0,1 MEDs	0 to 199 MEDs	5%
	UV Index		●	0.1	0 to 16	5%	0,1	0 to 16	5%
TEMPERATURE	Inside Temperature	✔	✔	0.1°F	+32° to +140°F	0.5°F	0,1°C	0° to +60°C	0,3°C
	Outside Temperature Sensor Suite	✔	✔	0.1°F	–40° to +150°F	0.5°F	0,1°C	–40° to +65°C	0,3°C
	Outside Temp (Extra Temp Sensor)		✔	1°F	–40° to +150°F	1°F	1°C	–40° to +65°C	1°C
	Outside Temp (Extra Temp Probe)		●	1°F	–50° to +150°F	1°F	1°C	–45° to +65°C	1°C
	Soil or Water Temp (Temp Station)		●	1°F	–40° to +150°F	1°F	1°C	–40° to +65°C	1°C
	Inside Heat Index	○	○	0.1°F	+32° to +999°F	2°F	0,1°C	0° to +537°C	1°C
	Outside Heat Index Vue	✔		1°F	–40° to +165°F	2°F	1°C	–40° to +74°C	1°C
	Outside Heat Index VP2 Sensor Suite		✔	1°F	–40° to +165°F	2°F	1°C	–40° to +74°C	1°C
	Temp/Hum/Wind Index Vue	○		0.1°F	–110° to +165°F	3°F	0,1°C	–79° to +74°C	1,5°C
	Temp/Hum/Wind Index VP2 Sensor Suite		○	1°F	–110° to +165°F	2°F	1°C	–79° to +74°C	1°C
	Temp/Hum/Solar/Wind Index VP2 Sensor Suite		●	1°F	–90° to +165°F	4°F	1°C	–68° to +74°C	2°C
	Wind Chill Vue	✔		1°F	–110° to +135°F	2°F	1°C	–79° to +57°C	1°C
	Wind Chill Sensor Suite on VP2		✔	1°F	–110° to +135°F	2°F	1°C	–79° to +57°C	1°C
	Wet-bulb			1°F	–40° to +150°F	2°F	1°C	–40° to +65°C	1°C
TIME/ DATE	Time	✔	✔	1 minute	12/24 hours	8 sec/mo	1 minute	12/24 hours	8 sec/mo
	Date	✔	✔	month/day	Leap Year	8 sec/mo	day/month	Leap Year	8 sec/mo
	Sunrise & Sunset	✔	✔	1 minute	12 hours	1 minute	1 minute	24 hours	1 minute
WIND	Wind Direction	✔	✔	1°	0° to 360°	3°	1°	0° to 360°	3°
	Compass Rose	✔	✔	22.5°	16 compass points		22,5°	16 compass points	
	Wind Speed (Standard Anemometer)	✔	✔	1 mph 1 knot	1 to 200 mph 1 to 174 knots	5%	0,1 m/s 1 km/hr	1 to 80 m/s 1 to 320 km/hr	5%
	Wind Speed (Sonic Anemometer)		●	1 mph 1 knot	0 to 89 mph 0 to 78 knots	4%	0,1 m/s 1 km/hr	0 to 40 m/s 0 to 144 km/hr	4%
	Direction of High Speed	✔	✔	22.5°	16 compass points		22,5°	16 compass points	
	Wind Run	○	○	0.01 miles 0.01 nautical miles	Unlimited	5%	0,01 kilometers	Unlimited	5%

Except for rainfall, all variables are measured in US units of measure and rounded to the nearest metric unit shown in the Resolution column.

✔ Included
● Optional sensor required, but shown on console
○ Optional and requires WeatherLink.
Solar Energy requires Solar Radiation sensor.

*Resolution refers to the number of digits or decimal places displayed on the console. For metric units, this is not the actual unit of measure except for rainfall. Our rain collector measures in true 0.01" or 0,2 mm increments. All other weather variables are measured and accumulated in US units of measure, which are then converted to metric units for display purposes.

For complete specifications, visit www.davisinstruments.com/resources/weather-monitoring/#support then click on Specification Sheets.