Vantage Pro 2™ Wireless Weather Station

86413-13

SPECIFICATIONS

Parameters	Range	Resolution	Accuracy	Sensor required
Barometric pressure	16 to 32.5" Hg	0.01" Hg	0.03" Hg	Included in console
Inside humidity	1 to 100%	1%	3%	Included in console
Outside humidity	0 to 100%	1%	3%	Included in console
Dew point	−105 to 130°F (−76 to 54°C)	1°F	3°F	Included in console
Daily & storm rainfall	0 to 99.99"	0.1"	4%	Included in console
Rain rate	Up to 96"/hr	0.1"	5%	Included in console
Inside temperature	32 to 140°F (0 to 60°C)	0.1°F	1°F	Included in console
Outside temperature	−40 to 150°F (−40 to 66°C)	0.1°F	1°F	Included in console
Wind direction	0 to 360°	1°	7°	Included in console
Compass rose	16 compass pts	22.5°	0.3 compass pts	Included in console
Wind chill	−110 to 135°F (−78 to 57°C)	1°F	2°F	Included in console
Evapotranspiration	Daily to 32.76"; monthly & yearly to 199.99"	0.01"	5%	Solar radiation, temperature/humidity sensor & anemometer or ISS (page 1395)
Soil moisture	0 to 200 cb	1 cb	—	Soil moisture sensor (see below)
Solar radiation	0 to 1800 W/m2	1 W/m2	5%	Solar radiation sensor (see below)
UV index	0 to 16 index	0.1 index	5%	UV radiation sensor (see below)
UV dose	0 to 199 MEDs	0.1 MEDS to 19.9 MEDS; 1 MED above	5%	UV radiation sensor (see below)

Catalog No.	Model No.	Description
TS-86413-01	6152C	Cabled Vantage Pro2 weather station system
TS-86413-03	6152	Wireless Vantage Pro2 weather station system
TS-86413-11	6162C	Cabled Vantage Pro2 Plus weather station system
TS-86413-13	6162	Wireless Vantage Pro2 Plus weather station system
Optional add-on sensors		
TS-32255-46	6450	Solar radiation sensor
TS-32255-47	6490	UV radiation sensor
TS-32255-44	6372	Wireless temperature station
TS-32255-45	6382	Wireless temperature/humidity station
TS-32255-49	6345CS	Wireless leaf wetness / soil moisture complete system
Accessories		
TS-86413-70	7716	Mounting tripod
TS-86413-54	6510USB	WeatherLink for Vantage Pro2, USB version
TS-86413-52	6510SER	WeatherLink for Vantage Pro2, Serial Port version
TS-32255-48	6520	WeatherLink for Vantage Pro2, Mac OSX version
TS-17110-01	**—**	**NIST-traceable recalibration for weather stations**