



### NEW 12. Temperature/Humidity Sensor with Radiation Shield

Features both temperature and humidity sensors inside the radiation shield, which protects the sensors from solar radiation and other sources of radiated and reflected heat. Includes hardware for mounting on a fence post or pole and 25 ft. (7,6 m) cable.

**6830 Temperature/Humidity Sensor with Radiation Shield**

NIST



### NEW 13. Temperature/Humidity Sensor with 24-hour Fan-Aspirated Radiation Shield

Features both temperature and humidity sensors inside the 24-hour fan-aspirated radiation shield, which protects the sensors from solar radiation and other sources of radiated and reflected heat. This model includes a solar panel to power the motor-driven fan. Includes hardware for mounting on a fence post or pole and 25 ft. (7,6 m) cable.

**6832 Temperature/Humidity Sensor with 24-hour Fan-Aspirated Radiation Shield**

NIST



## Installation options for your Vantage Vue or Vantage Pro2 console, Weather Envoy, Envoy8X or Vantage Connect



### 1. Solar Power Kit

Large solar panel powers a wireless console or Weather Envoy inside a weather resistant shelter. (Outdoor sensors are powered by the solar panel on the sensor suite). Includes 5-watt solar panel, weather-resistant shelter, regulator circuit, 1.4 amp hour 6-volt rechargeable battery, mounting hardware and 10 ft. (3 m) cable.

**6614 Solar Power Kit**

### 2. Heavy-Duty Solar Power Kit

Our large solar panel and a 12 amp hour battery provide enough power for a cabled console and outdoor sensor suite, an Envoy8X or wireless consoles where more power is needed. There is enough room inside the weather resistant shelter to mount an Envoy8X or Weather Envoy. When used with a Vantage Vue or Vantage Pro2 console, mount the console inside a Universal Shelter. Includes 5-watt solar panel, weather-resistant shelter, regulator circuit, 12 amp hour 6-volt rechargeable battery, mounting hardware and 10 ft. (3 m) cable.

**6612 Heavy Duty Solar Power Kit**



### 3. Extra Solar Panel Kit

Provides additional charging power to the battery in your solar power kit (6612 or 6614) or Vantage Connect for installations where sunlight is limited. The 5-watt solar panel is mounted on a weather-resistant shelter in which a console or Envoy can be mounted. Includes 5-watt solar panel, weather-resistant shelter, mounting hardware and a 4 ft. (1,2 m) cable.

**6616 Extra Solar Panel Kit**

### 4. Universal Shelter

Protects console and other components located outdoors. Weather-resistant enclosure provides protection from the elements for the Vantage Pro2 console or Vantage Vue console with or without WeatherLink data logger, or for Weather Envoy or Envoy8X with WeatherLink data logger. Includes mounting hardware. Measures 13.75" x 10" x 4.18" (34,9 cm x 25,4 cm x 10,6 cm).

**6618 Universal Shelter**

See [www.davisnet.com/weather/uses](http://www.davisnet.com/weather/uses) to view various ways to use these kits and shelter.



### 5. Rain Collector Heater

Heater and insulation fit neatly inside the rain collector. For use in cold climates to measure freezing rain or the moisture content of snowfall. Requires access to AC power; cannot be run using a solar power kit. Includes 24-watt, 24-volt heater with thermal cut-off switch, control unit, insulating reflective blanket and AC-power adapter. Includes 50 ft. (15 m) cable.

**7720 Rain Collector Heater**

### 6. Radiation Shield

Received 5-Star rating from the World Meteorological Organization. Protects temperature sensors from solar radiation and radiated or reflected heat sources. Multi-plate construction for maximum airflow; use with Wireless Temperature Station or Leaf & Soil Moisture/Temperature Station and all temperature sensors.

**7714 Radiation Shield**

Assembly required.

### 7. Sensor Mounting Shelf

For mounting solar radiation and/or UV sensors. Rigid shelf with anodized aluminum posts and stainless steel hardware attaches easily next to the rain collector of the Vantage Pro2 Integrated Sensor Suite.

**6673 Sensor Mounting Shelf**