

Weather Sensors

Heron weather sensors are designed to be connected to Heron Irrigation Controllers and Heron Environmental Controllers.

The sensors are available as 'stand alone' sensors or are available as complete weather stations. All sensors connect to the digital input on Heron Irrigation and Environmental controllers.

The following sensors are available:-

- Outside Temperature
- Rain Fall
- Wind Speed
- Wind Direction
- Light
- Raining
- Aspirated Inside Temperature
- Un-aspirated Inside Temperature

Weather Station 1

Measures temperature and rain fall to calculate an ET value for irrigation. Humidity is approximated from minimum and maximum temperature readings.

Temperature: -25 to +50 deg C. Accurate to 0.1 deg C

Rain Sensor : Tipping spoon type
Accurate to 1 mm



Weather Station 6

Measures temperature, light, humidity and rain fall to give the most accurate calculation of ET value. A Heron wind speed sensor (see below) can also be connected.

Temperature: -25 to +50 deg C

Accurate to 0.1 Deg C

Light: 0-2000 Wm sq

Rain Sensor: Accurate to 1 mm

Humidity: 5% to 100% +/-5%

Wind Speed and Direction Sensor

Measures wind speed and direction for irrigation and environmental control.

Irrigation can be disabled above a certain wind speed or can be disabled on a range of wind directions.



Heron Weather sensors for irrigation and environmental controllers

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