



Smart Irrigation From the Ground Up

TUCOR® ET 500 SERIES WEATHER STATIONS

measure and record wind speed and direction, air temperature and relative humidity, barometric pressure, solar radiation, and rain. In addition, the system calculates and exports an evapotranspiration (ET) value. They are designed for applications where a minimal visual impact, high reliability, and a long interval between routine servicing are required.

The ET 500 Series utilize solid state sensors, with no moving parts. Solid state sensors enable a low profile design better suited to high visibility locations where a traditional weather station would be visually objectionable; they have higher reliability and a longer interval between routine service and inspection requirements; they are more robust and less susceptible to damage from wind carried debris; and they are not impaired by heavy snowfall or freezing conditions that produce rime ice (NOTE: Heated sensor version, Model 522, must be used in snow or freeze zone applications).

Models 521/522

The ET 521 version of the weather station communicates to a host device (server) through an RS-232 serial data I/O and the Tucor CPM-200 radio modem.

The ET 522 incorporates all the features of the ET 521, and includes a thermostatically controlled heater element in the sensor head that keeps the ultrasonic wind sensor elements and the piezometric precipitation sensor surface free of snow and ice to -52° C.

