



PROCOM ET-100 WEATHER STATION

The Tucor[®] ProCom ET-100 Weather Station is an automated system for advanced agricultural and turf irrigation scheduling. When combined with the Tucor ProCom series of controllers, the Tucor ET system calculates potential evapotranspiration (ET_0), which can aid in developing an irrigation schedule that provides sufficient hydration without overwatering. Housed in a sealed enclosure, the station is powered by a rechargeable battery. Data telemetry is accomplished via a telephone modem.



The ET-100 provides real-time weather measurements and calculates ET_0 on an hourly and daily basis.

FEATURES:

- Standard sensor inputs include:
 - Solar radiation
 - Air temperature
 - Relative humidity
 - Rainfall
 - Wind speed
 - Wind direction
- Optional sensor inputs:
 - Soil temperature
 - Soil water content
 - Snow depth
- Battery recharged via 10 watt solar panel or AC power
- Calculations based on:
 - FAO-56 Penman Monteith equations
 - Vegetation water needs
 - Growing degree days
 - Wet bulb temperature
 - Dew point
 - Wind chill
 - Chill hours

ORDERING CONFIGURATIONS:

- ET-100, with software and modem
- Pole mount: Two or three meter
- Recharging: solar panel or AC transformer
- Optional sensor inputs