



## PROCOM ET-100 WEATHER STATION

The Tucor<sup>®</sup> 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