TUCOR INC ™

ET-300-W Weather Station

Smart Irrigation
From the Ground Up

(800) 272-7472
www.tucor.com

Tucor's ET-300-W is an affordable weather station that allows your RKD and RKS controllers to use *local* ET data. Tucor controllers use this ET information to provide precise watering of your soil, based on your own environmental factors. You are able to program the controllers with a range of parameters, using the ET data to its maximum effectiveness, using neither too much nor too little water in your irrigation programs. Since the ET-300-W monitors local weather conditions, you're assured that the information closely reflects what's happening near the controller, not many miles away.

The ET-300-W communicates to the controller wirelessly, up to 1000' line-of-sight, and is powered by solar cells. The connection to the controller is through an Envoy module, which sends wired ET and Rain pulses to the controller.

The weather station can share its data with other RKD and RKS controllers either over the Internet* or by using a separate Envoy at each controller. Merely adding a tipping rain bucket to each controller ensures accurate weather data that is specific to each controller.

In today's environmentally-conscious society, proper use of scarce water resources is a must. Tucor will help keep your plants green, costs low, and water available for future generations.
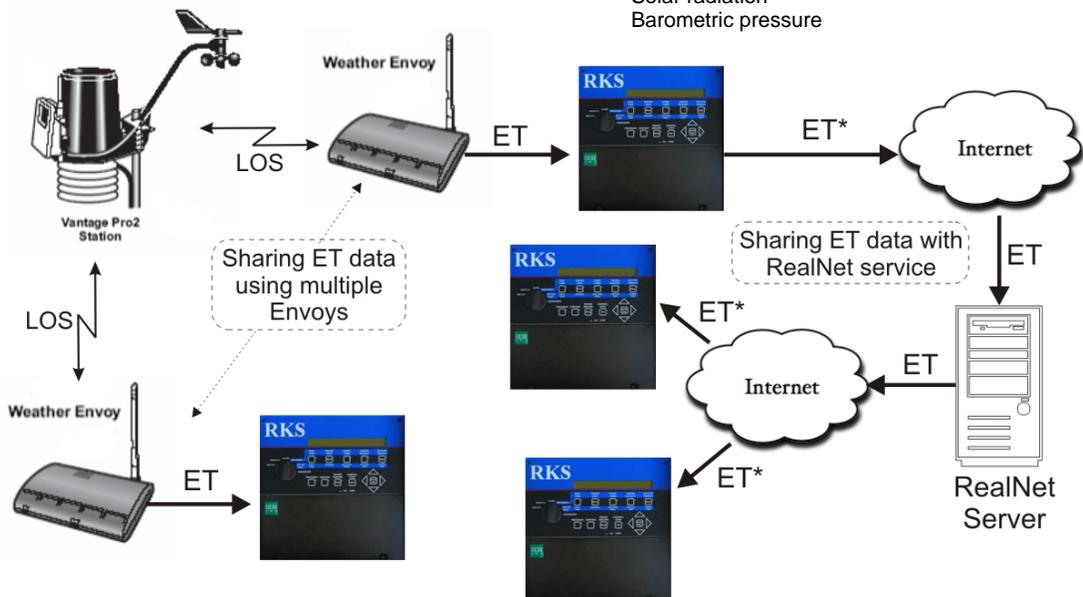
SPECIFICATIONS

ET-300-W

Specifications
Temperature range: -40 to 150° F
Transmission frequency: 902 - 928 MHz FHSS
License: less than 8 mW, no license required
Primary power: Solar power
Backup power: CR-123A 3-volt lithium battery
     (8 months without sun-light, greater than 2 years
     depending on solar charging)
Envoy is indoor mount only, powered by a
     120 VAC - 5 VDC, 200 ma transformer
Envoy-to-RKx wiring: user-supplied, 4-cond. 26 AWG
Comm. link up to 1000' LOS, 200-400' through walls
Includes WeatherLink Windows software

Parameters measured

Wind – speed and direction
Rainfall – total accumulated and rate
Temperature – indoor and outdoor
Humidity – indoor and outdoor
Solar radiation
Barometric pressure

* Using a WIN-100 or LAN-100. Requires RealNet
subscriptions for each controller.