

Hunter®



ET System Module



ET System Sensor
(Shown with optional ET WIND)



SWAT™ Performance Summary and Technical Report now available at www.irrigation.org

Gathers weather data on site, continuously calculates the ideal program for your landscape

Take the guesswork out of residential irrigation scheduling, by tracking your local microclimate and automatically calculating a scientific irrigation program. The Hunter ET System is an easy-to-add-on accessory (for Hunter SRC, Pro-C, & ICC controllers) that measures key climatic conditions, and uses them to calculate your local Evapotranspiration (ET) factor. The ET is then downloaded into your irrigation controller to create an irrigation program that is just right for your sprinkler system, plants, and soil conditions. By taking into account the rate at which water is consumed by weather conditions, the ET System will initiate a new schedule to replenish only the water that is actually needed. And our WiltGard™ technology can intervene to trigger protective watering when extreme conditions threaten your plants. The result can be a dramatic savings in your water bill (about 30%, on average), healthier root zones, and your participation in conserving our precious natural resources.

Features & Benefits

- **Calculates Evapotranspiration (ET) for your local microclimate** Automatically creates a scientific program and downloads it to your standard controller.
- **True station-specific database determines appropriate watering** ET information combines with each zone's particular plant, soil, sun, and sprinkler data.
- **Saves water and money** Minimizes water waste, applies just the water your plants need.
- **Easily upgrades most Hunter controllers to weather-based control** No high voltage AC wiring required.
- **WiltGard™ technology** Enables it to trigger protective watering when extreme conditions threaten your plants.
- **Non-volatile memory** Retains your program and site information in event of a power failure.



Weather Data at Your Site

Hunter's ET System requires no subscription fees, and is not based on any form of broadcast or other distant weather data. Your irrigation schedule is based on actual conditions in your landscape. The ET System was designed to exceed standards developed by the Irrigation Association and government agencies, using Smart Water Application Technology to minimize waste, while creating healthier landscapes.

ET System

Models

ET SYSTEM: 1" plastic globe valve

ET WIND: 1" plastic globe valve with flow control

Dimensions

- **ET Module:** 6" H x 4" W x 1.75" D
(153 mm H x 102 mm W x 45 mm D)
- **ET Sensor:** 10½" H x 7¼" W x 12⅝" D
(26.7 mm H x 18.4 mm W x 30.8 mm D)
- **ET Sensor with pole brackets:** 10½" H x 7¼" W x 13" D
(26.7 mm H x 18.4 mm W x 33.0 mm D)
- **ET Sensor with ET Wind:** 11½" H x 7¼" W x 19⅞" D
(29.2 mm H x 18.4 mm W x 50.5 mm D)
- **ET Sensor and ET Wind with pole brackets:**
11½" H x 7¼" W x 20¾" D
(29.2 mm H x 18.4 mm W x 52.7 mm D)

Specifications

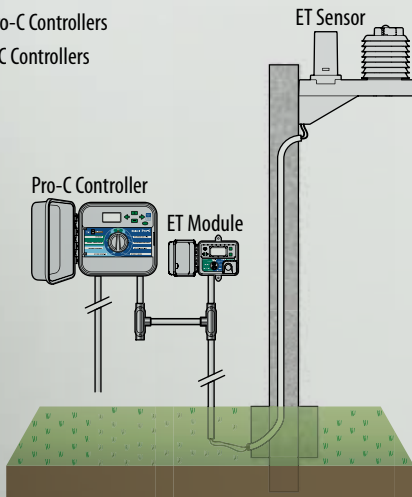
- 48 station maximum
- Power Input: 24 VAC, 50/60Hz (from host controller)
- Current draw: 20 mA, max
- Non-volatile memory
- Replaceable 10-year lithium battery
- Wiring:
 - ET Module power, SmartPort
 - ET Sensor, 2 x 18 AWG/1 mm
- Max distance, ET Module from controller: 6 ft./2 m
- Max distance, ET Sensor from module: 100 ft./30 m

Upgrade any of These Standard Hunter Controllers to Weather-based Control

SRC/SRC Plus Controllers

Pro-C Controllers

ICC Controllers



The ET Sensor can be conveniently wall or pole mounted up to 100 ft away from the ET Module.

No More Sprinklers Running in the Rain!

Each ET System has a simple user interface, so you can select from a menu of common sprinkler, plant, and soil types, or create your own custom factors. The system's sensor array includes solar radiation, relative humidity, temperature, a rain gauge that tracks precipitation, plus an optional anemometer for wind speed. The ET System stops wasteful irrigation after naturally occurring rainfall, and automatically resumes sprinkler operation when conditions return to dry.



ET and Irrigation: Working with Climate

Plants evaporate moisture through their leaves, and replenish it through their roots. In turn, conditions such as temperature, humidity, and wind dictate the rate at which the plants lose their moisture. ET-based irrigation measures these conditions and replenishes only the amount of water lost to plant evaporation. Factors such as the precipitation rate of your sprinklers, the crop coefficient of your plant types, and the infiltration rate and holding capacity of your soils are taken into account with simple menu selections.

Evapotranspiration and Hunter: Leading the Way

Evapotranspiration is a formula, based on weather conditions, which has been created through exhaustive research and experimentation by irrigation professionals. ET has come to symbolize the "best practice" for determining landscape watering needs. Hunter helped to pioneer this field of automatic irrigation, and has offered ET-capable controllers for over 15 years. Now, the ET System brings this proven technology to a simple, affordable package that lets all of us irrigate responsibly.



MODELS SPECIFY SEPARATELY FROM CONTROLLER

ET SYSTEM = ET Sensor with outdoor interface ET Module, for direct connection to Hunter PCC and Pro-C controllers

ET WIND = Optional anemometer to gather wind speed data

ET SENSOR = ET Sensor only for use with IMMS-ET installations

EXAMPLE

ET SYSTEM