

# RAIN MASTER® WEATHER CENTER



## WIRED OR WIRELESS TECHNOLOGY

As water resources become more critical, the demand for “weather-based” control of irrigation systems has increased significantly. Therefore, an “onsite” weather center is the preferred means of weather monitoring, as it provides the ability to access the specifics of the local “microclimate” being irrigated.



## KEY FEATURES & BENEFITS

### HIGHLY ACCURATE

Accurately measures wind, rain, temperature, solar radiation, relative humidity and computes ET in increments of .01 inch

### LOW MAINTENANCE

All electronic weather station design promotes very low maintenance

### NON VOLATILE MEMORY

Retains configuration and weather data should loss of power occur

### TRACKS WEATHER EVERY SECOND

Weather computer scans sensors and recalculates weather changes every second

### SOLAR POWERED

One full week of power without sunlight (Wireless only)

### EASY TROUBLESHOOTING

Diagnostic port and weather computer LED's for system troubleshooting

## SPECIFICATIONS

### ELECTRICAL

- Electrical Interface: Pulsed signal output in increments of .01" of evaporation, wind speed in meters in Real-Time per second and rain fall in .01"
- Power Requirements: External plug-in transformer (included)
- Input Power: 110V ac converted to 12V dc @ 0.2 mA maximum

### SENSORS

- Solar Radiation Sensor: Scanned and output every second
- Temperature Sensor: Scanned and output every second
- Relative Humidity Sensor: Scanned and output every second
- Rain Gauge: Detects in increments of .01 inches
- Wind Speed: Scanned and output every second
- ET Data Output: Calculated every 10 seconds, logged every 10 minutes

### DIMENSIONS

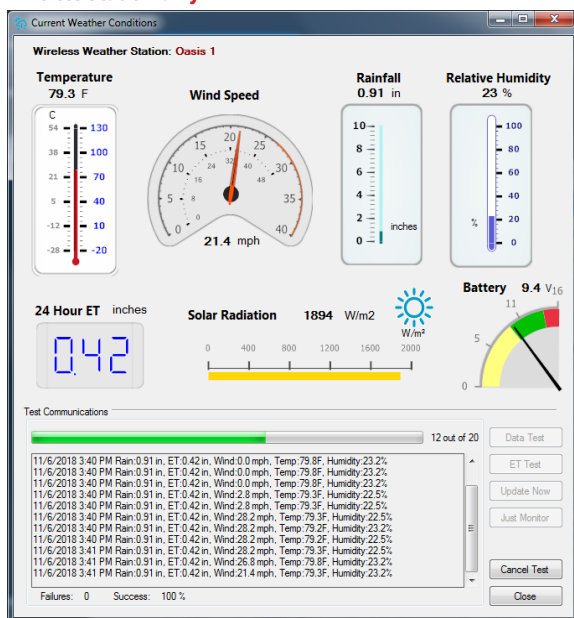
- Weather Pole: H: 10' W: 29" D: 4"
- Weather Computer: H: 5.5" W: 2" D: 3"

### TEMPERATURE

- Operating Temperature: -40 to 122° F (-40 to 50° C)
- Storage Temperature: -40 to 151° F (-40 to 66° C)

## WEATHER VIEW™ from Rain Master® Laguna™ Current Weather Conditions

### Wireless Station Only



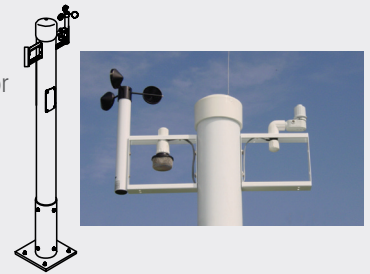
## WIRED

### FOR USE WITH RME EAGLE™ & EAGLE™ PLUS CONTROLLERS

**RM-WETHR-ETRS** - ET Weather Center Provides Real-Time onsite Evapotranspiration data.

#### Includes:

- Relative Humidity/Temperature Sensor
- Solar Radiation Sensor
- Wind Speed Sensor
- Rain Switch
- 10-Foot Vandal-Resistant Tower
- Mounting Brackets
- Weather Computer
- Transformer
- Hardware

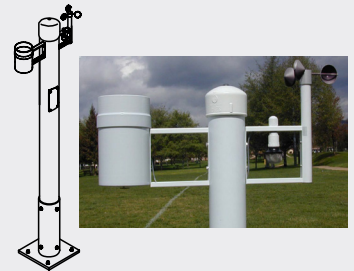


### FOR USE WITH RAIN MASTER® LAGUNA™ CENTRAL CONTROL SYSTEM AND RAIN MASTER DX3™ CONTROLLERS

#### EV-WETHR-CENTR2 - DX3™ Weather Center II

#### Includes:

- Tipping Bucket Rain Gauge
- Relative Humidity/Temperature Sensor
- Solar Radiation Sensor
- Wind Speed Sensor
- 10-Foot Vandal-Resistant Tower
- Mounting Brackets
- Weather Computer
- Transformer
- Hardware



## WIRELESS

### FOR USE WITH RAIN MASTER LAGUNA CENTRAL SYSTEM

**O-VWETHR-CNTR** – Wireless technology eliminates the need for wires between the Central and the Weather Center.

#### Includes all items listed for EV-WETHR-CENTR2 PLUS:

- Radio kit for LAGUNA PC
- WEATHER VIEW™ - Visually Illustrated existing weather in LAGUNA
- Solar panel with rechargeable batteries



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