

TIPPING BUCKET RAIN GAUGE

CATALOG # 3665R



Spectrum
Technologies, Inc.

THANK YOU

Thank you for purchasing a Rain Collector to use with your WatchDog Data Logger. This manual will aid you in placement and mounting of the rain gauge. Read it thoroughly to insure proper and effective use of the sensor.

This rain collector measures rainfall in 1/100th inch increments. The self-emptying, tipping bucket design is accurate and reliable. The rain collector will be accurate to $\pm 2\%$.

The rain gauge includes a 6 foot cable that is connected into port A on Model 200, 225, 425, or 450 WatchDog Data Loggers. Once the sensor is positioned in a representative "micro-climate", connect the cable into port A to log rainfall data.

Use **SpecWare** software to program the WatchDog to log rainfall. Refer to the **SpecWare Instruction Manual** for detailed launch and/or readout instructions.

POSITIONING SENSOR

When choosing a location for your rain collector keep the following in mind:

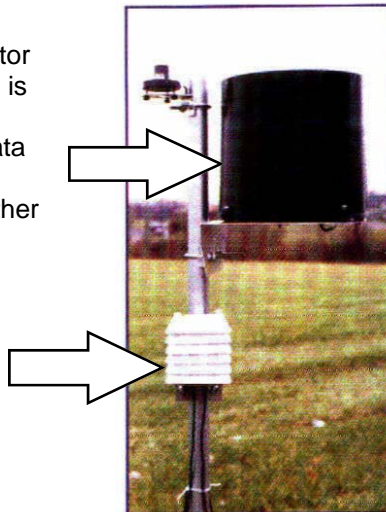
- Mount the collector on a 1" to 1¼" mast (pipe) using the u-bolt. Make sure the collector is level when positioning the mast mount. Use a bubble leveler to check that the collector's base is level.
- The gauge contains a magnet-operated switch which may not operate correctly if you mount the rain collector on or near any object which attracts a magnet.
- Choose a location easily accessible for normal cleaning and is distant from trees and other sources of pollen or debris.

For greatest accuracy, you should thoroughly clean the rain collector at least once or twice a year. Disconnect the logger from the rain collector to avoid any inadvertent counts on the logger when cleaning. Your gauge should be cleaned using a mild detergent.

Inspect the sensors frequently to make certain the sensors are still level and clear of obstructions.

Locate the rain collector in an open area which is within reach of the external WatchDog data port (Channel A). One rain collector per weather station.

WatchDog Data
Logger inside
mini-radiation



WARRANTY

This product is warranted to be free from defects in material or workmanship for 1 year from the date of purchase. During the warranty period Spectrum will, at its option, either repair or replace products that prove to be defective. This warranty is void if the Spectrum products have been damaged by customer error or negligence or if there has been an unauthorized modification.

Returning Products to Spectrum

Before returning a failed unit, you must obtain a Returned Goods Authorization (RGA) number from Spectrum. You must ship the product(s), properly packaged against further damage, back to Spectrum (at your expense) with the RGA number marked clearly on the outside of the package. Spectrum is not responsible for any package that is returned without a valid RGA number or for the loss of the package by any shipping company.

**Spectrum Technologies, Inc
12360 S. Industrial Dr. East
Plainfield IL 60544
(800) 248-8873 or (815) 436-4440
Fax (815) 436-4460
E-Mail: info@specmeters.com
www.specmeters.com**