

Designed For Reliability...

RS3
RAINFALL SENTRY

METEOROLOGY

General Description

The Rainfall Sentry model RS3 is a micro-processor controlled device designed to monitor rainfall and operate external pumps and/or solenoid valves to control the discharge of stormwater into a sewage system. The unit operates from a 6V DC battery and can switch a user's slave relay/contacter to control a mains power operated pump.

It detects pulses from a Tipping Bucket Rain Gauge, and when a set number of tips have been detected within a selected time period, a relay is operated to control a pump. Another settable timer determines how long the relay is held on for. If pulses from the TBRG are detected while the relay is activated, then the relay hold timer is restarted.

Features

- Suitable for all HyQuest Solutions Rain Gauges
- Easy to setup
- Low power consumption

Contact Us

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Specifications

- Programmable Settings :
 - Tipping bucket size (0.2mm, 0.5mm, 1.0mm, 0.01")
 - Rainfall required to trigger op (1mm to 20mm) (0.01" to 0.5")
 - Rainfall period (1hr to 24 hrs)
 - Relay hold time (1hr to 24 hrs)
- Power Requirements :
 - 6V DC (to power internal relay only)
- Input :
 - Tipping Bucket Rain Gauge (TBRG)
- Output Relay :
 - 2 x Voltage Free contacts rated at 30VDC 0.5A
- Environmental :
 - No IP rating.



RAINFAL SENTRY MODEL RS3

N.B. Specifications are subject to change at any time without notice.



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