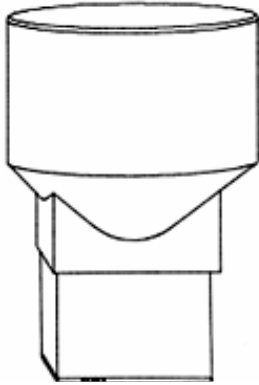




RAIN-O-MATIC[®] Rain Gauge (RG) ***Model Number: 12141***

Manufacturer of High Performance Instrumentation and Control Systems



Description:

The RAIN-O-MATIC[®] Professional Rain Gauge is a self-emptying and frost proof electronic rain gauge that requires no external power. It consists of an outdoor rain collector ready for connection to any digital counter, data logger, or RTU. The rain collector's measuring spoon is automatically tipped and emptied when the pre-adjusted water weight has been reached. The RAIN-O-MATIC[®] Rain Gauge is suitable for use in water treatment plants, weather stations, schools, universities, gardeners, foresters, outdoor sport facilities, and environmental surveying stations.

Features:

- Registers the rainfall by collecting the water running through the funnel into a self emptying spoon.
- Every time the spoon is tipped, a switch closes to represent 0.01" of water. Metric units are also available.
- Fast spoon return to horizontal position for collecting a new portion of water immediately after tipping.
- Magnet controlled suspension designed to minimize measuring inaccuracies even if the rain collector should not be exactly horizontally mounted.
- Can be easily assembled and disassembled without tools.

Applications:

- Waterworks
- Weather Stations
- Schools and Universities
- Hydro electric power stations
- Highway authorities
- Construction Engineers
- Outdoor Sports Facilities
- Gardeners
- Foresters
- Farmers
- Home Owners

Specifications:

Resolution:

- 1/100 of an inch (0.01") per spoon tip (metric units available)

Capacity per minute:

- 12 counts (0.12")

Relay Outputs:

- Reed Switch N.C. and N.O. - 0.5 A at 12 to 24 VDC

Outside Material:

- STYROSUN[®]

External Dimensions:

- 9.40"H x 6.50"W

Weight:

- 13.5 oz.

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