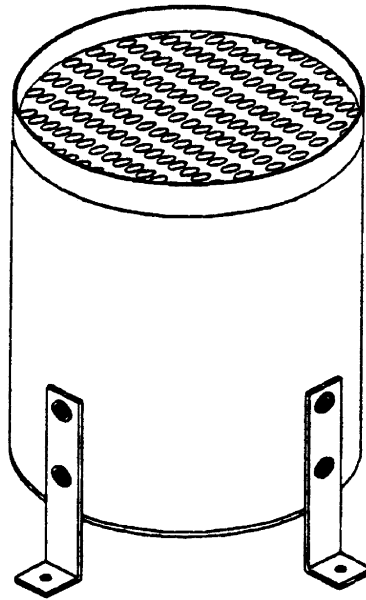


APPLICATIONS

- Wind resource assessments
- Meteorological studies
- Environmental monitoring



Tipping Bucket Rain Gauge

The Model RG is a tipping-bucket precipitation gauge. Precipitation is collected in the funnel and measured by the calibrated tipping bucket. For each 0.254mm (0.01") of precipitation, the bucket tips, emptying the bucket and operating the output switch.

This unheated gauge is not suitable for freezing temperatures.

FEATURES

- Inexpensive, accurate rainfall measurement
- Simple, rugged design
- Compatible with 9300 Logger Rain Gauge system
- Sealed magnetic reed output switch

SPECIFICATIONS

Output Signal:

- Switch Closure
- Switch: Sealed Magnetic Reed, actuated by magnet on tipping bucket assembly, normally open
- Sensing Circuit: 200 VDC max, 0.5 A max, 10 W max

Resolution:

- 0.254 mm (0.01 inches) of precipitation

Range:

- up to 25 mm per hour

Accuracy:

- +/- 1% up to 50 mm per hour
- +/- 3% up to 100 mm per hour
- Accuracy is degraded at very low or very high rain rates.

Dimensions:

- Overall Assembly Height: 360 mm (15")
- Catchment Area: 203 mm (8") diameter
- Cable Length: 7 m (24')

Materials:

- Anodized Aluminum and Thermoplastic, stainless steel fasteners

Mounting:

- Three mounting legs with bolt holes.
- Holes are 6.3mm (0.25") diameter, on a 241mm (9.5") diameter circle.

Note: For accurate results, the gauge must be mounted level and clear of overhead obstructions.

ORDERING INFORMATION

- Model RG
Part No. 2226

NRG Systems

110 Commerce Street
Hinesburg, VT 05461 USA

TEL (802) 482-2255

FAX (802) 482-2272

EMAIL sales@nrgsystems.com

website: <http://www.nrgsystems.com>

