

RG200 6" Rain Gauge RG600 8" Rain Gauge



- Simple to operate and install
- Rugged design for harsh weather
- Mounting hardware included
- UV-protected plastic or aluminum

Description

The 6" Rain Gauge is a durable weather instrument for monitoring rain rate and total rainfall. With minimal care it will provide many years of service. The rain gauge is constructed of high impact UV-protected plastic to provide reliable, low-cost tipping bucket rainfall monitoring. The simplicity of the rain gauge design assures trouble-free operation, yet provides accurate rainfall measurements. The unit has a 6" orifice and is shipped complete with mounting brackets and 40 ft of two-conductor cable. The tipping bucket sensor mechanism activates a sealed reed switch that produces a contact closure for each 0.01" or 0.2 mm of rainfall.

The Global Water 8" Rain Gauge is a rugged weather instrument for monitoring rain rate and total rainfall. With minimal care it will provide many years of services. The rain gauge was designed by the National Weather Service to provide a low-cost, reliable, industrial, tipping bucket rain gauge. Its simple design assures trouble-free operation, yet provides accurate rainfall measurements. The rainfall gauge has an 8" orifice and is shipped complete with mounting brackets and 25 ft of two-conductor cable. The tipping bucket sensor mechanism activates a sealed reed switch that produces a contact closure for each 0.01", 0.2 mm or 1 mm of rainfall. The rain gauge sensor can be pole mounted or bolted to a level plate.

Specifications

6" Rain Gauge

Capacity: Unlimited
Resolution: 0.01 inches
Accuracy: 3% up to 4"/hr
Average Switch Closure Time: 135 ms
Maximum Bounce Settling Time: 0.75 ms
Maximum Switch rating: 30 VDC @ 0.2A
Operating Temperature: 32° to 123.8°F (0° to 51°C)
Cable: 40ft (12.2m), 2 conductors
Dimensions: 6x15 inch (15x38 cm)
Shipping Weight: 3 lbs. (1.4 kg)

8" Rain Gauge

Capacity: Unlimited
Resolution: 0.01 inches or 0.2mm
Accuracy: ±1% at 1 inch per hour
Average Switch Closure Time: 135 ms
Maximum Bounce Settling Time: 0.75 ms
Maximum Switch rating: 30 VDC @ 0.2A
Operating Temperature: 32° to +123.8°F (0° to +51°C)
Cable: 25ft (7.6m), 2 conductor
Dimensions: 10-1/8x8 inch (26x20 cm)
Shipping Weight: 8 lbs. (3.6 kg)

Options and Accessories

RG200 6" Rain Gauge

RG600 8" Rain Gauge

Specify 1 mm, 0.2 mm, or 0.01" per tip at time of order

RG700 4-20mA Converter Module

Pulse to current converter. 32 pulses per minute equals 20mA.

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