



Tipping Bucket Rain Gauge Model TB-4

P/N: R-101-TB4

The Model TB-4 Tipping Bucket Rain Gauge is designed for remote, unattended rainfall measurements. The aluminum Receiver is 200mm in diameter, mounted in a removable powder coated aluminum enclosure. The gauges are supplied with a siphon for improved calibration. The siphon can be dismantled for routine servicing.

Specifications

Calibration: $\pm 2\%$ @0.5-300 mm/hr.

Range: 0-700 mm/hr.

Accuracy: 0-250mm per hour $\pm 2\%$ & 250-500mm per hour $\pm 3\%$

Sensitivity (per tip) Options: 0.1mm, 0.2 mm, 0.5 mm, 1.0mm, or 0.01 Inch

Sensor: Tipping Bucket with Siphon

Contact: Dual Reed Switch potted in Silicon Rubber with varistor protection

Contact Capacity: 12VDC, 0.5 amp max.

Contact Time: 0.1 Second

Bucket: Injection Molded ABS Chrome Plated

FLOW: Siphon (removable for cleaning)

Outer Enclosure: Powder Coated Aluminum with 2 quick releases

Environmental Operating Range: -20 to +70°C; 0 to 100% Humidity

Pivots: Stainless steel rolling bearings on stainless spring axle

Level: Bulls eye level on base

Mounting Holes: Three 10mm diameter @ 117mm PCD

Weight: 2.1kg (4.6 lbs)



Ordering Information

Specify per tip calibration: 0.1mm, 0.2 mm, 0.5 mm, 1.0mm, or 0.01 Inch

Specify Cable length – PN: C-130-TB

Bracket for Tower mount – PN: MB-102-TB