



Microcom Design, Inc.



Tipping Bucket Rain Gauge Model TB-3

P/N: R-101-TB3

The Model TB3 Tipping Bucket Rain Gauge is designed for general 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.

Receive: 200mm ± 0.3 Diameter Powder Coated Aluminum

Sensitivity (per tip): 0.01in., 0.2 mm or 0.5 mm

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; Available in 0.01in.; 0.2mm, or 0.5mm

FLOW: Siphon (removable for cleaning)

Outer Enclosure: Powder Coated Aluminum with 2 quick releases

Environmental Operating Range: 0 to +60°C; 0 to 100% Humidity

Pivots: Jewel grade sapphire pivots with stainless steel shaft

Level: Bulls eye level on base

Mounting Holes: Three 10mm diameter @ 117mm PCD



Cast Aluminum Base

Ordering Information

Specify per tip calibration: 0.01in.; 0.2mm, or 0.5mm

Specify Cable length – PN: C-130-TB

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

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