



RG306 Tipping Bucket Rain Gauges are precision instruments for measuring volume and/or rate of rainfall. All rain gauges are designed for many years of trouble-free, accurate operation and are constructed entirely of corrosion-resistant metals, including aluminum and stainless steel. An internal level and adjustable feet aid in proper installation. Rain is collected through an 8 inch diameter funnel, then directed to a calibrated alternating dual tipping mechanism (0.2 mm standard). With each tip of the bucket a magnet passes over a magnetic proximity reed switch, which causes a momentary contact closure. The contact closures can be time tagged and accumulated by Lakewood's ChartPac (CPXS), RX, or UL16 dataloggers. After the rain water is measured, it drains out through tubes with protection screens in the base of the rain gauge. The internal metering block is modular and can be removed for seasonal storage or calibration. When used in conjunction with Lakewood's dataloggers, it is compatible with Lakewood's Datalogging Software and RP4 Rain Pro Data Processing Software.

**DIGITAL CALIBRATION SERVICES**  
**Available for all types of Rain Gauges**

- FEATURES**
- ✓ Removable Bridge
  - ✓ 8 Inch Funnel
  - ✓ Anodized Aluminum
  - ✓ Magnetic Reed Switch
  - ✓ Funnel Screen
  - ✓ Drain Screens
  - ✓ Adjustable Legs
  - ✓ Site Level
  - ✓ Digital Calibration Certificate
  - ✓ IPX Datalogger Plug
  - ✓ 20 Foot Cable
  - ✓ Datalogger Compatible
  - ✓ LS4 Software Compatible
  - ✓ RP4 Software Compatible

**SPECIFICATIONS**

<b>Type:</b>	Tipping Bucket
<b>Capacity:</b>	Unlimited
<b>Switch:</b>	Proximity Reed Switch Magnetic Teflon Waterproof Housing 10 Watts @ 2.25 VDC
<b>Output:</b>	1 Momentary Switch Closure Pulse length >0.1 sec 1 pulse per calibrated tip
<b>Orifice:</b>	8 in. 20.3 cm
<b>Size:</b>	8.25 x 15 in. 21 x 38 cm
<b>Weight:</b>	8 lbs 3.6 kg.
<b>Aluminum Items:</b>	Housing Base Plate Funnel Funnel Screen Legs
<b>Stainless Steel Items:</b>	Tipping Bucket Bearing Shaft
<b>Mounting:</b>	Three Adjustable Brackets
<b>Cable:</b>	20 Foot with strain relief 22 AWG 2 conductor stranded Shielded
<b>Connector:</b>	IPX For Lakewood Dataloggers
<b>Accuracy:</b>	+/- 3% FS
<b>Range:</b>	0 to 6 in. per hour 0 to 152 mm per hour
<b>Calibration Options:</b>	0.01 in. 0.20 mm 0.25 mm 0.50 mm

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PRINTED IN CANADA JAN. 1/2000 CM102H

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