

# Tipping Bucket Rain Gauge



Model: OTBRG

## Technical Specifications:

### Operational

Output : 0.1 second switch closure  
Accuracy :  $\pm 2\%$  at 25.4 cm/hr  
 $\pm 5\%$  for rates up to 30.48 cm/hr

### Dimensions

Height : 61 cm  
Diameter : 20.95 cm  
Weight : 2.9 Kg

Orifice Diameter : 200 MM  
Collection Area : 315 cm<sub>2</sub>  
Switch : Read Switch  
Bearings : Sealed  
Insect/Debris protection : Mesh screen as filters  
Resolution : 0.2/0.25/0.5mm/tip  
Material : Marine grade Stainless steel  
Type : Tipping Bucket  
Rain fall capacity : Unlimited

Accessories: Drain Kit, Tipping Bucket  
Mounting Kit, Tipping Bucket to tower

## Features:

### Standard Precision Instrument for the Measurement of Rainfall Accumulation and/or Rate

- Rain enters gauge through an eight-inch orifice, protected by distortion preventing aluminium ring
- Collected water passes through debris-filtering screen and is funnelled into one of two tipping buckets inside the gauge.
- When a given amount of water collects, bucket tips (amount determined by calibration).
- Tipping causes magnet to pass over proximity switch, closing it momentarily.
- Second bucket positions under funnel for filling.
- After rain is measured, it exits through drain tubes with screen covered holes in the base of the gauge.
- Designed for many years of accurate, trouble-free operation
- Constructed entirely of stainless steel
- Stainless steel outer housing
- Built in level indicator and pre-drilled feet
- Low maintenance requirement

## Applications

- Meteorological Station
- Stormwater Management

## Obel Systems Pvt. Ltd.

Registered Office: No. 7, Ground Floor,  
Jaya Mansion, Parklane, 126, S.D. Road,  
Secunderabad, Telangana, India 500003

[www.obelindia.com](http://www.obelindia.com)

Sales & Service: Plot:106, Amarjyoti Colony,  
Bhavana Enclave, New Bowenpally, Secunderabad,  
Telangana, India 500011

+91-40-40202190 | [info@obelindia.com](mailto:info@obelindia.com)

