



EWS TIPPING BUCKET RAIN GAUGE

Overview:

EWS's Tipping Bucket Rain was originally designed for the National Weather Service to provide a reliable, full stainless-steel tipping bucket rain sensor. It has been updated and improved with the addition of an inner funnel to even the flow of the rainfall into the gauge, providing better accuracy at higher rainfall rates. Its simplicity of design assures trouble-free operation, yet provides accurate rainfall measurement.

Features/Specifications:

- WMO standard bucket's top diameter (200mm/8")
- High accuracy
- Funnel mesh preventing debris
- Highly polished stainless-steel construction internal and external
- Horizontal levelling bubble
- Measuring range: 0~240mm/hr
- Workable: 480mm/hr
- Accuracy: $\pm 2\%$ ($\leq 240\text{mm/hr}$) $\pm 3\%$ ($\leq 300\text{mm/hr}$)
- Resolution: 0.2mm or 0.5mm
- Inner diameter: 200mm/8inch $\pm 0.3\%$
- Acute angle of cutting edge: 45°
- Output pulse: Reed switch
- Level control: Bulls eye level adhered
- Base: Diecast stainless steel
- Mounting holes: Three mountings
- Discharge control: Straight through flow mechanism
- Height: 402.2mm
- Weight: 3.3kg

