

## Model H-340 Tipping Bucket Rain Gauge



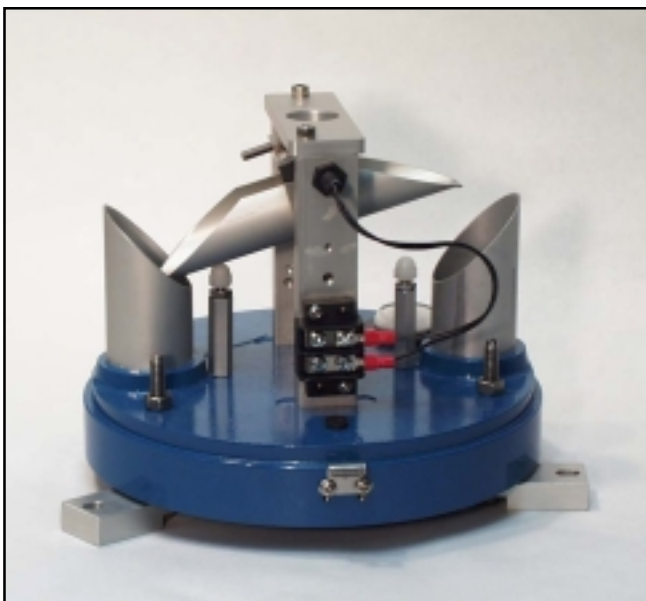
The *WATERLOG*<sup>®</sup> H-340 is a precision tipping bucket rain gauge with a patented bucket tipping mechanism. The housing is durable extruded aluminum with a one-piece cast base.

### KEY FEATURES

- Magnetic reed bucket tip sensor provides standard switch closure output.
- Removable stainless steel funnel screen.
- Rustproof, powder painted aluminum enclosure and cast base.
- All internal parts anodized aluminum or stainless steel.
- Precision bucket bearings
- Side windows allow inspection of the mechanism without removing cover.
- Adjustable feet with internal bulls-eye level
- No plastic parts
- The bucket mechanism is anodized aluminum mounted on stainless steel ball bearings.
- Screened bottom ports or optional drain tubes.

### APPLICATIONS

- Accurately measure rainfall.
- Monitor storm water run off
- Meterology



# SPECIFICATIONS

## General

Resolution: 0.01 Inches (@4in/hr)  
Rate: 0 to 25 inches/hour

Calibrated @ 8.237 mL/tip = 0.01in rainfall,  
includes computer printout of conformance.

## Magnetic Reed Switch

Type: Normally open encapsulated reed  
Rating: 200VDC max, 0.1A max  
Contact Resistance: 0.2 ohms

## Output Connection

2-position screw barrier strip

## Environmental

Operating Temperature: -0E to +60EC

## Mechanical

Aperture: 8 inch diameter funnel

Diameter: 8 inches

Height: 12 inches

Weight: 8 pounds

Housing:  
Extruded aluminum tube with 2" diameter side windows.  
Cast aluminum base. Anodized aluminum internal parts.  
Stainless steel screws and fasteners. Powder painted base,  
funnel and housing.

Mounting: 3-stainless leveling screws with  
adjustable aluminum feet. Internal  
"bulls-eye" level.

Exit Ports: Two screened drain tube fittings on  
bottom of casting.

## Warranty

**WATERLOG**® H-340 is warranted against defects in materials  
and workmanship for one year from date of shipment.

**Note:** Specifications subject to change without prior  
notice due to on going commitment to product testing and  
improvement.

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