



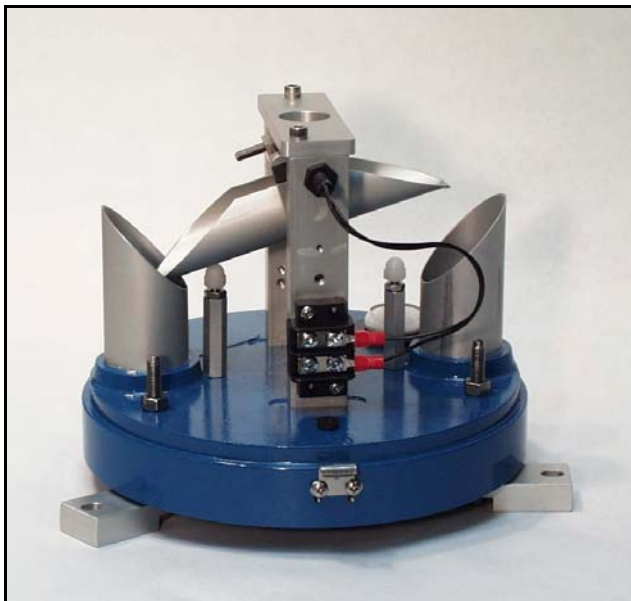
The **WATERLOG**® H-340 is a precision tipping bucket rain gauge with a patented bucket tipping mechanism. The housing is durable extruded aluminum with a one-piece cast base.

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
- Meteorology



SPECIFICATIONS

General

Resolution: 0.01 in. (@ 4 in. / hr.)
Rate: 0 to 25 in. / hr.

Calibrated @ 8.237 mL / tip = 0.01 in 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: -0° to +60°C

Mechanical

Aperture: 8 inch diameter funnel

Diameter: 8 inches

Height: 12 inches

Weight: 8 pounds

Housing:

Extruded aluminum tube with 2 in. 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

The **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. LR April 11, 2003