

Standard Rain Gauge [8 inches]

Product Description

The 'RKEC' manufactured Model [RK-SRG-8"] also called **Standard Rain Gauge** is the **non-recording type rain gauge** commonly used in **Worldwide**. RK Engineering Corporation provided Model [RK-SRG-8"] is manufacturing according to the 8-inch gauge used in the National Weather Service is of a standardized design used throughout the world for official rainfall measurements. This standardization provides uniformity, continuity, and credibility of precipitation data worldwide.

The upper portion of the funnel is cylindrical in shape and is turned to a fine edge. Rainwater falling into the funnel is delivered into a measuring tube. The cross-section area of the tube is one-tenth the cross-section area of the funnel. Therefore, when 1 inch of rain falls into the funnel, it fills the measuring tube to a depth of 10 inches. The scale on the measuring stick is expanded 10 times, and since the scale is graduated to hundredths of an inch, the correct rainfall depth of water in the tube is read directly to hundredths from the stick. The capacity of the measuring tube is 2" of rainfall. Any excess overflows into the outer chamber. The overflow water must be transferred to the empty measuring tube for direct measurement with the stick. In winter, the funnel and measuring tube are removed so that rain/sleet/snow/hail are collected by the outer chamber. The amount of precipitation is measured by melting the ice and then pouring the water into the measuring tube.

Specifications:

Model : RK-SRG-8"

- **Collector Funnel:** made of aluminum with a Kinfe edge brass rim, funnel having 2 slots fitting.
- **Capacity:** 20" or (500 mm)
- **Standard:** As per National Weather Services
- **Funnel Diameter:** 8" or (203 mm).
- **Material of body:** Standard model made of the aluminum. [Material is subject to be change on extra cost]
- **Overflow can:** Made of the aluminum, White or Gray powder coated paint
- **Measuring:** **USER CAN SELECT THE MEASURING OPTION AS BELOW**
 - Option 1:** Measuring stick **with black fibreglass Epoxy** comes with Aluminium measuring tube
Resolution 0.01 inches and 0.20 millimetres
 - Option 2:** Measuring stick **with milky White** comes with Transparent Acrylic Measuring Tube
Resolution 0.01 inches and 0.20 millimetres
 - Option 3:** Measuring Jar comes with the measuring Tube
Resolution 0.10 millimetres up to 1 mm and 0.20mm rest of the 20 mm

Stand: Stand model comes with the MS stand black powder quoted paint for Model: [Rk-SRG-8-SSS] The stainless-steel stand for 8-inch standard rain gauge on request cost extra]



Representative

