



## RSD Series Rain Sensor

“Dial into the Convenience and Value”

The Rain Bird RSD Series Rain Sensor is an easy to install, durable and visually pleasing rain sensor device suitable for 24 VAC residential and commercial applications. This high-quality product saves water and extends irrigation system life by automatically measuring precipitation and preventing irrigation systems from watering in rainy conditions.

### Features & Benefits

- Automatic rain shutoff prevents overwatering due to natural precipitation
- Robust, reliable design reduces service call backs
- Moisture sensing disks work in a variety of climates
- Different sensor mounts permit speed and flexibility on the job site

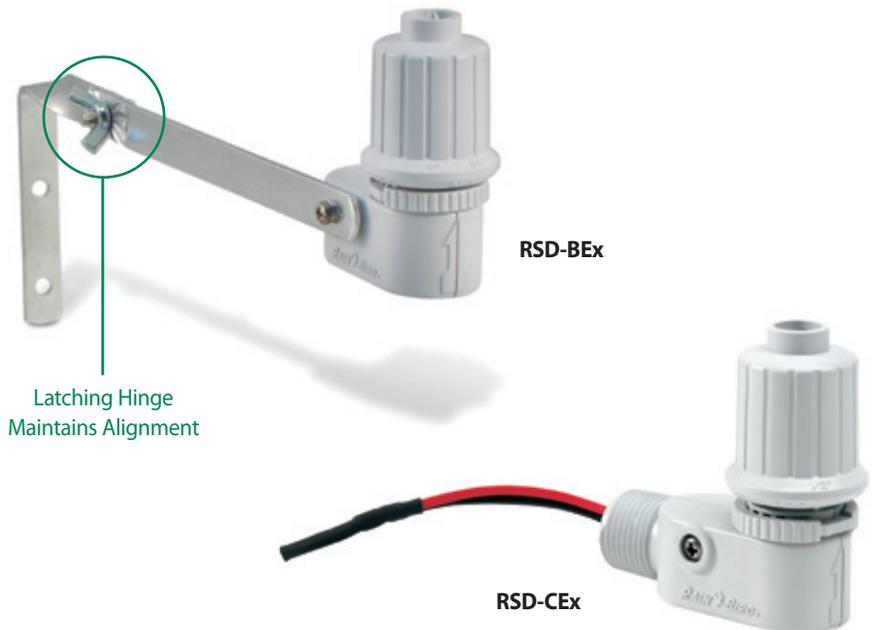
### Models

- RSD-BEx (rain sensor w/ latching bracket, extension wire)
- RSD-CEx (rain sensor w/ threaded adapter, extension wire)

### Electrical Specifications

- Application: Suitable for low voltage 24 VAC control circuits and 24 VAC pump start relay circuits\*
- Switch electrical rating: 3A @ 125/250 VAC
- Capacity: Electrical rating suitable for use with up to ten 24 VAC, 7 VA solenoid valves per station, plus one master valve
- Wire: 25' (7,6 m) length of #20, 2 conductor UV resistant extension wire
- UL, cUL listed; CE, C-Tick approved

\*Not recommended for use with high voltage pump start, pump start relay circuits or devices.



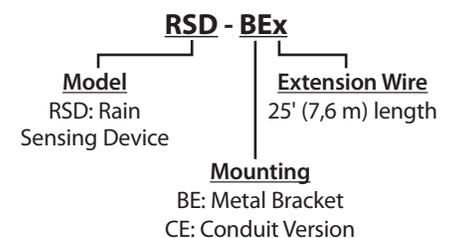
### Mechanical Properties

- Multiple Rainfall Settings from 1/8" - 3/4" (5 - 20 mm) are quick and easy with just the twist of a dial
- Adjustable vent ring helps control drying time
- High-grade, UV resistant polymer body resists the elements
- Available in rugged bracket version (RSD-BEx model comes with 5" latching aluminum bracket) or conduit version (RSD-CEx) for a clean and professional look.

### Dimensions

- RSD-BEx**
- Overall Length: 6.5" (16.5 cm)
  - Overall Height: 5.4" (13.7 cm)
  - Bracket Hole Pattern: 1.25" (3.2 cm)
- RSD-CEx**
- Overall Length: 3" (7.6 cm)
  - Overall Height: 2.75" (7 cm)

### How to Specify/Order



## Specifications

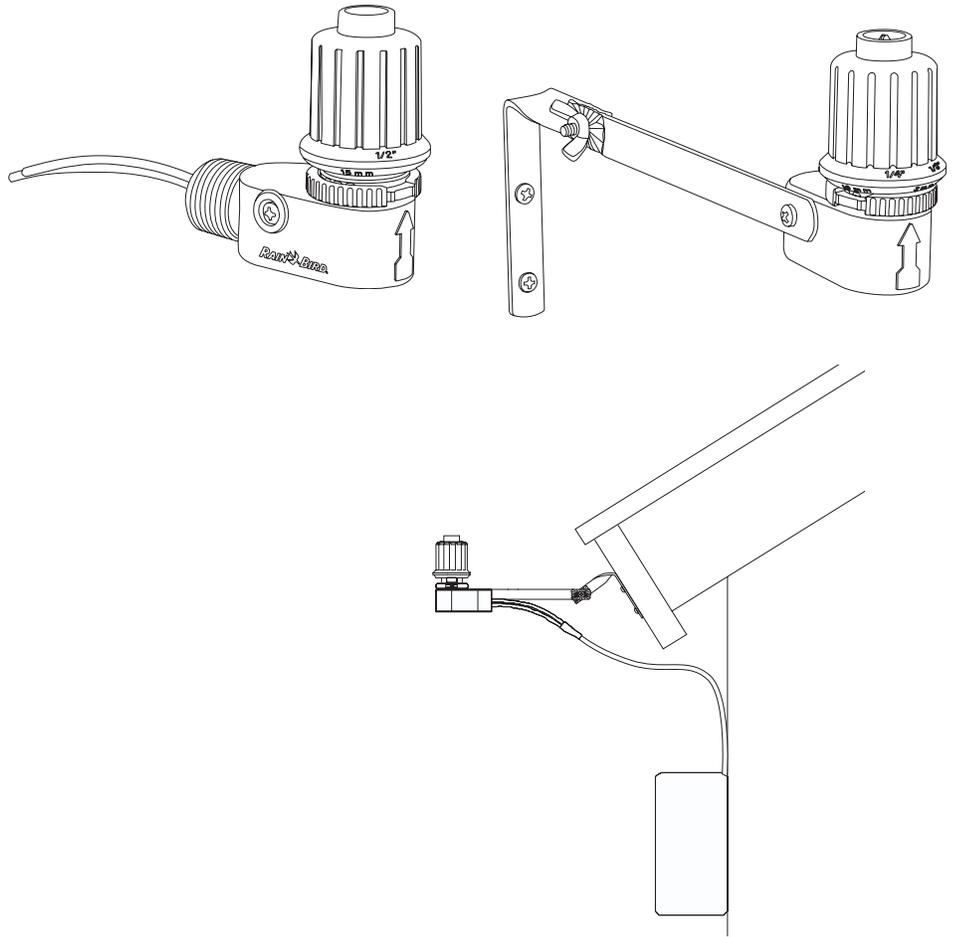
The rain sensor shall employ an electro-mechanical actuating device designed to cause a circuit interrupt that temporarily disables the irrigation controller during periods of significant rainfall. The device shall automatically restore the controller to a normal operating condition after a period of time subsequent to the rainfall. The device shall be suitable to be wired to a normally closed (N.C.) controller sensor port or in series with the valve common.

The device shall be of rugged construction to withstand the elements, including exposure to sunlight.

The device shall include a U.L. listed, 3A @ 125/250 VAC rated electrical switch. The device shall be of sufficient capacity to be used with a maximum of three 24 VAC, 7 VA solenoid valves per station, plus one master valve.

The rain sensor shall incorporate a provision that allows the installer to select from several rainfall settings. The setting increments shall be displayed in both English and metric units. The device shall include a vent ring to help control drying time of the mechanical components.

The Rain Bird RSD Series Rain Sensor shall be manufactured by Rain Bird Corporation, Glendora, California .



**Rain Bird Corporation**  
6991 E. Southpoint Road  
Tucson, AZ 85706  
Phone: (520) 741-6100  
Fax: (520) 741-6522

**Rain Bird Technical Services**  
(800) RAINBIRD (U.S. and Canada)

**Rain Bird Corporation**  
970 West Sierra Madre Avenue  
Azusa, CA 91702  
Phone: (626) 812-3400  
Fax: (626) 812-3411

**Specification Hotline**  
800-458-3005 (U.S. and Canada)

**Rain Bird International, Inc.**  
P.O. Box 37  
Glendora, CA 91740-0037  
Phone: (626) 963-9311  
Fax: (626) 852-7343

**[www.rainbird.com](http://www.rainbird.com)**

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