

ICS044L+线-折后100x120mm -展开500x120mm

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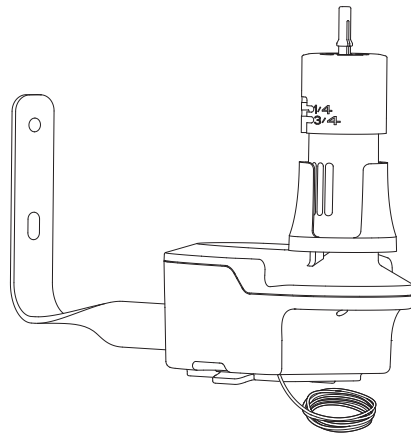


More Than Water Saving

USER MANUAL

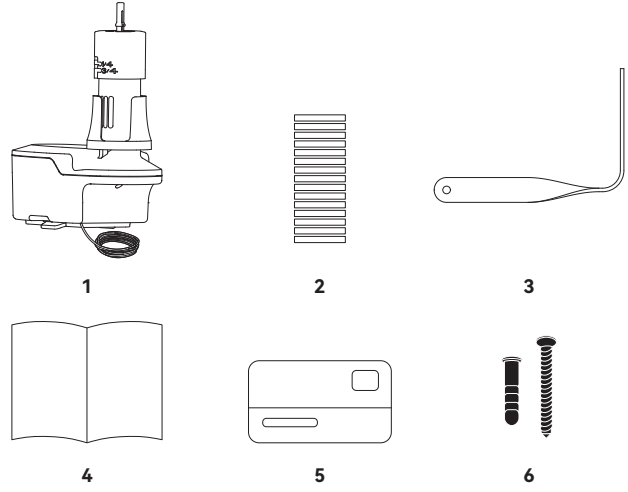
Wired Rain Sensor

Model No. ICS044L



Save the user manual for future reference. If you have any questions, please contact us to get support.

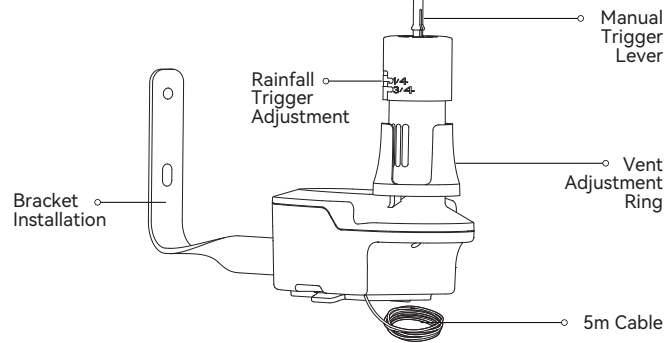
1. Contents in the box



1. 1 X HCS044FRF Wired Rain Sensor
2. 2 X Hygroscopic Discs
3. 1 X Bracket Installation
4. 1 X User Manual
5. 1 X Warranty Card
6. 2 X Screws and Expansion Bolts

2. Introduction

2.1 Product Overview



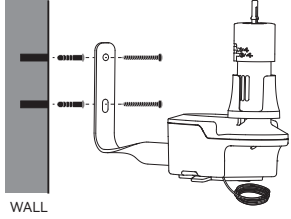
2.2 Product Features

- Automatically stops watering when rain is detected.
- Automatically resets as the internal Hygroscopic Discs dry after the rain.
- Adjustable Rainfall Sensitivity:** 1/8" (3 mm), 1/4" (6 mm), 1/2" (13 mm), and 3/4" (19 mm).
- The vent adjustment ring lets you control the drying speed and modify recovery time.
- Compatible with common SEN or COM port wiring of mainstream brand controllers.

3. Installation

3.1 Installation Requirements

- Install the rain sensor as close to the Controller as possible. This reduces wiring distance and minimizes the risk of wire damage.
- Mount the sensor at the highest feasible position so that rainfall can fall directly onto the sensor.
- Avoid installing the sensor within the spray range of sprinklers.
- Ensure the sensor body remains vertically upright during installation. If angle adjustment is needed, loosen the locking nut, adjust the angle, and retighten the nut.



Tip: Installing the rain sensor on the southeast side of a building, where it receives full sunlight, may cause the sensor to dry out faster than expected. Likewise, mounting it on the north side with constant shade may prevent the sensor from drying in a timely manner. Through testing and adjustment using the "Vent Adjustment Ring", better performance would be obtained

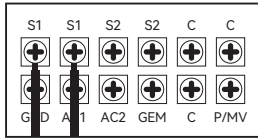
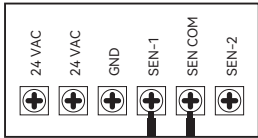
3.2 Sensor Installation

Once the Rain Sensor is mounted, run the wire to the controller, and fasten it every few feet with wire clips or staples for best results. Be careful not to cut through the wire insulation with fastening hardware or chaff the insulation when routing wire through or around metal materials (e.g., gutter, siding, etc.).

Wire Connection Method:

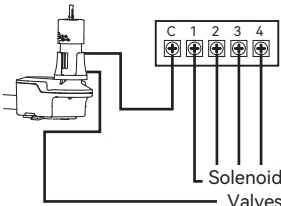
The rain sensor connects directly to the controller. This allows you to easily override the sensor by using the Sensor switch on the front panel.

- Remove the jumper from the two "SEN" terminals.
- Route the wires from the rain sensor up through the same conduit opening used for valve wiring.
- Connect one wire to the terminal labeled "SEN" and the other wire to the other "SEN" terminal.



3.3 Connecting to Other Controllers (24V Only)

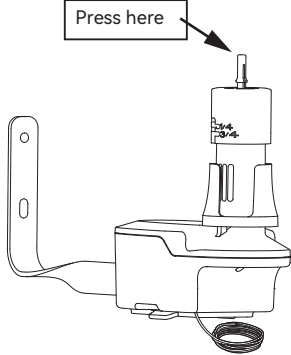
- Using the two wires from the rain sensor: Locate the common wire from the irrigation valves. If this wire is already connected to the controller's Common terminal, disconnect it.
- Connect one wire of the rain sensor to the controller's Common terminal (usually labeled "C"), and connect the other wire of the rain sensor to the common wire leading to the valves.



3.4 Wiring Verification

Operation Check to Verify Correct Wiring:

- Turn on one zone of the irrigation system that is visible while you are in reach of the Rain Sensor.
- Manually depress the spindle at the top of the Rain Sensor until you hear the switch "click" off.



If the sprinkler zone stop instantaneously, then please use it with confidence. If it does not, check wiring for correctness.

Notes: It is not necessary to "wet" test the sensor, although it will test the operation sufficiently, if desired.

3.5 Adjustment And Operation

The rain sensor prevents the irrigation system from starting or continuing operation during and after rainfall. Once rainfall stops, the time required for the system to return to normal operation depends on weather conditions(such as wind, sunlight, humidity). These conditions affect the drying speed of the internal hygroscopic discs. Since the lawn is subject to the same environmental factors, its drying rate generally corresponds to the drying rate of the discs. Therefore, when the lawn needs water again, the sensor will typically have reset and the sprinkler system will be allowed to operate during the next scheduled watering cycle.

4. Troubleshooting

Problem	Possible Factors	Solution may help
System does not start at all	- Sensor has not dried yet. - Wire breakage. - Switch failure. - Sensor incompatible.	- Check whether the hygroscopic discs are dry. Press the top of the actuator shaft to confirm the switch can freely "click" open and closed. - Inspect the wires leading to the rain sensor for breaks, and check all wire connections. - If the sensor is dry and the wiring is good, test the switch by cutting back the insulation on the two "outer" wires near the device to expose the copper. Turn on a sprinkler zone and connect a temporary jumper wire between the exposed conductors. If the sprinklers start operating, the switch is faulty. Wrap any exposed or worn wires with electrical tape. - The rain sensor is compatible with most controllers. If the above suggestions cannot resolve the issue, your controller may be different from standard models.
System fails to shut off even after heavy rain	- Incorrect installation. - Sensitivity set too low. - Obstruction above sensor.	- Verify that the wiring is installed correctly. - Adjust the rain sensor sensitivity by moving the cap to a more sensitive position. The rain sensor is an accurate rain gauge and can be checked using a nearby tube-style rain gauge for comparison. - Check for objects blocking rainfall, such as overhangs, trees, or walls.

5. Maintenance

There is no required maintenance for the unit. The sensor does not have to be removed or covered for "winterizing" purposes.

6. Warranty Policy

RainPoint provides a 1-year worry-free warranty against manufacturing defects in materials and workmanship from the date of purchase. During the warranty period, we'll replace free of charge the product found to be defective under reasonable use and service as determined solely by RainPoint. To place a warranty request, please email your order ID to service@rainpointonline.com and we'll respond within 24 hours.

7. Customer Support

Still have trouble with setup, please search for "RainPoint" on YouTube for installation videos. If the user manual doesn't have what you're looking for or you need some help, please prepare the LOT NO. of your device and contact us before returning the product to the store.





Points de collecte sur www.quefaireinfo.ca
Participez à la gestion de la fin de vie de votre appareil!

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