

# CS-612 Flood and Freeze Sensor<sub>patent pending</sub>

## Installation Manual

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### SPECIFICATIONS

Frequency: 345 MHz

Battery: One 3Vdc lithium CR2450 (620mAh)

Battery life: up to 5 years

Detect Freeze at 41°F (5°C) restores at 45°F (7°C)

Detect a minimum of 1/64<sup>th</sup> in of water

Operating Temperature: 32°-120°F (0°-49°C)

Operating Humidity: 5-95% RH non condensing

Compatible with ClearSky

Supervisory signal interval: 64 min (approx.)

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### OPERATION

The CS-612 sensor is designed to detect water across the gold probes and will alert immediately when present. The Freeze sensor will trigger when the temperature is below 41°F (5°C) and will send a restore at 45°F (7°C).

### ENROLLING

To enroll the sensor, set your panel into sensor learn mode. Refer to your specific alarm panel instruction manual for details on these menus. The CS-612 locate the flood probes on the bottom of the sensor, you will need to bridge two adjacent probes to initiate a transmission from the sensor.

1. To learn in as a flood/freeze sensor, bridge two adjacent probes to initiate a transmission from the sensor.

### PLACEMENT

Place the flood detector anywhere that you wish to detect a flood or freezing temperature, such as under a sink, in or near a hot water heater, a basement or behind a washing machine. If you would like to make sure the flood does not move from its intended location, use the provided sensor bracket and secure it either to the floor or wall.



### Testing the unit

By bridging adjacent probes, you can send a Flood/Freeze transmission. Bridge two adjacent probes using a paperclip or metal object and remove it within 1 second. This will send a Flood/Freeze transmission.

### REPLACING THE BATTERY

When the battery is low a signal will be sent to the control panel. To replace the battery:

1. Carefully remove the white rubber feet on the bottom of the flood detector.
2. Remove the 3 screws and open the case. Replace battery with a Panasonic CR2450 Lithium Battery
3. Replace the screws and rubber feet

## FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference and  
(2) this device must accept any interference received, including interference that may cause undesired operation. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment to an outlet on a different circuit from the receiver
- Consult the dealer or an experienced radio/TV contractor for help.

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Warning: Changes or modifications not expressly approved by Ecolink Intelligent Technology Inc. could void the user's authority to operate the equipment. This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and  
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme la norme d'Industrie Canada exempts de licence RSS. Son fonctionnement est soumis aux deux conditions suivantes:

(1) c'est appareil ne peut pas provoquer d'interférences, et  
(2) c'est appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de la dispositif.

FCC ID: XQC-CS612 IC:9863B-CS612

## WARRANTY

Ecolink Intelligent Technology Inc. warrants that for a period of 5 years from the date of purchase that this product is free from defects in material and workmanship. This warranty does not apply to damage caused by shipping or handling, or damage caused by accident, abuse, misuse, misapplication, ordinary wear, improper maintenance, failure to follow instructions or as a result of any unauthorized modifications. If there is a defect in materials and workmanship under normal use within the warranty period Ecolink Intelligent Technology Inc. shall, at its option, repair or replace the defective equipment upon return of the equipment to the original point of purchase. The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Ecolink Intelligent Technology Inc. neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty,

The maximum liability for Ecolink Intelligent Technology Inc. under all circumstances for any warranty issue shall be limited to a replacement of the defective product. It is recommended that the customer check their equipment on a regular basis for proper operation.



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