

clare™ CS-WTR-10 Water/Temp Sensor



CS-WTR-10 is an integrated environmental sensor that detects flood conditions and reports extreme temperatures. It also reports air temperature allowing custom high and low temperature trip points to be set in the panel.

Features

- Titanium probes for unmatched corrosion immunity
- IP67 rated waterproof enclosure
- GORE® vent to prevent seal failure

Enroll by placing the panel into wireless enrollment mode and then sending an enrollment signal from the sensor. Alternatively, the sensor can be enrolled by scanning its bar code using the Install Assist App.

Options for Sending an Enrollment Signal

- Remove the battery tabs, OR
- Remove the wall clip from sensor body

Install by placing the sensor in the location requiring flood or temperature detection. If desired, the wall clip can be used to secure the sensor to a wall or baseboard.

Optional Screw Mounting

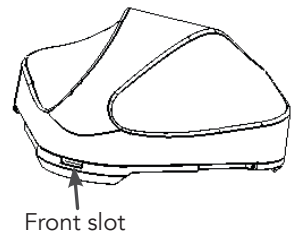
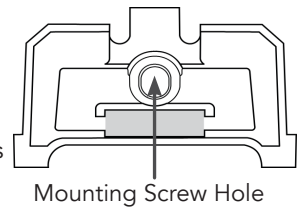
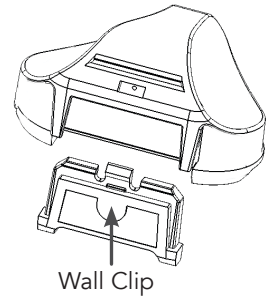
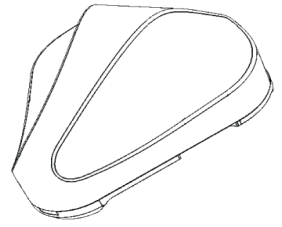
- Remove the wall clip from the sensor body.
- Secure the clip to a wall, baseboard or cupboard using a #6 screw.
- Slide the sensor body down onto the wall clip until it snaps into place.

Detects water pooled under the sensor and reports extreme temperature conditions. High and low temperature trip points are set in the panel.

Default Temperature Trip Points

- Heat alarms when over 100°F (38°C)
- Heat restores when under 97°F (36°C)
- Freeze alarms when under 45°F (7°C)
- Freeze restores when over 48°F (9°C)

To replace the batteries, insert a flat blade screwdriver into the front slot and twist. Slide both old batteries out and the new batteries in. To reinstall the cover, align the rear latches and roll the cover forward until it snaps into place.



Use the panel installation guide to verify proper system setup.

Pro Tips

The cover can be removed without removing the wall clip.

Both titanium probes must be in the same puddle for the it to detect water.

Tamper detection depends on how the sensor is installed.

- Secured to wall: Tamper is indicated when lifted off the clip.
- NOT secured to wall: Tamper is indicated when the cover is removed.

When changing the batteries replace both with new batteries.

Specifications

Physical	
Housing Dimensions	2.43 x 2.48 x 1.17 inches (6.2 x 6.3 x 3.0 cm)
Weight with Batteries	1.34 ounces (38 grams)
Mounting Fastener	#6 screw (not provided)
Environmental	
Operating Temperature	32°F to 120°F (0°C to 49°C)
Maximum Humidity	85% non-condensing relative humidity
Water Resistance	IP67 rated (waterproof for over 30 minutes at 1 meter depth)
Sensor Specifications	
Frequency	433.92 MHz
Replacement Batteries	Two Panasonic CR2032
Nominal Battery Life	10 years
Battery Voltage	3.0 VDC (Nominal) 2.3 VDC (Low)
Current Draw	20 mA (Maximum) 0.5 uA (Quiescent)
Transmitted Indications	Cover Tamper, Wall Tamper, Low Battery, Supervision
Temperature Accuracy	+/- 2°C
Certification	
RE618	FCC, IC, RCM
RE618-CE	EN60950-1, EN300 220, EN301 489

Specifications subject to change without notice.

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www.ClareControls.com

Original document below

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