

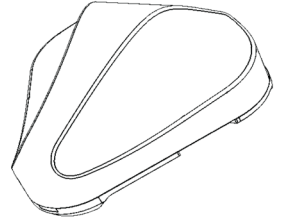


## Trident Flood & Temperature Sensor

**Trident** is an integrated environmental sensor. It 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 Helix panel.

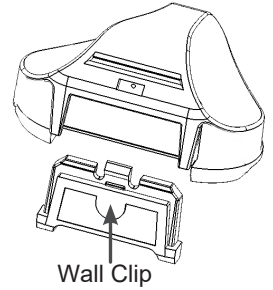
### Features

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



### Enroll

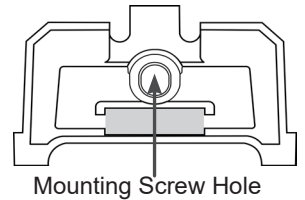
1. Place the JAQX Smart Hub into wireless enrollment mode by pressing the external red button for 3 seconds until hub beeps.
2. Send an enrollment signal from the sensor by removing the battery tab removing the wall clip from the Trident body.
3. Confirm that the sensor has been properly enrolled by checking for new FLOOD zone on your JAQX App or in your customer portal. NOTE, freeze and heat sensor must be enabled as additional zones - please call JAQX Customer Support to add these additional zones.
4. Once the sensor has been enrolled on your system, turn off sensor enrollment by pressing the external button on the JAQX smart hub for 3 seconds or until hub beeps.
5. Call JAQX customer support to rename your sensor.



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

### **Optional Screw Mounting**

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

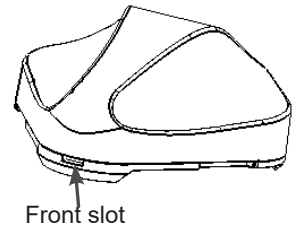


**Detects** water pooled under the sensor and reports extreme temperature conditions. High and low temperature trip points are set in the JAQX Smart Hub.

### **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.



**The cover** can be removed without removing the wall clip.

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

**Tamper detection** depends on how the Trident is installed.

- Trident secured to wall: Tamper is indicated when lifted off the clip.
- Trident 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.*