

# WWA-02 Wireless Water & Freeze Alarm, Installation Instructions



**Using the WWA-02 in a Z-Wave™ Network:** Program Switch for Inclusion or Exclusion  
The button in the rear casing is used for including or excluding the WWA-02 in a Z-Wave™ network. Refer to your controller's User Manual for specific details on network inclusion, exclusion, and association.



**Inclusion** in (adding to) a network: 1) Set the controller to Inclusion mode; 2) Briefly press the program button once and the controller will indicate the unit has been included in the network. The LED will blink when the inclusion completes.

## Choosing a mounting location

The WWA-02 is suitable for use in dry, interior locations only. Common applications include: around Jacuzzi tub, under sinks, near sump pumps, refrigerators, water heaters, toilets, and washing machines. Avoid placing the unit close to a metal frame, or other metal enclosures that may affect RF range. **Place the unit so that any leaks that may occur will not drip directly on the unit, but puddle around the water sensor pads.**

## Testing the WWA-02

Moisten a paper towel and place over both of the sensor metal pads on the water sensor until you observe two quick LED blinks. If you do see the LED blink, remove the moistened paper towel and clean the small metal pads of any water residue. Drying the sensor contacts will clear the Water Alarm.

## Configuring the WWA-02

The high and low temperature set points in the WWA-02 can be configured. The temperature set points can be configured via a 'smart' controller after inclusion; details are provided in the technical appendix. Refer to your controller/gateway's instruction manual.

**Exclusion** from (removing from) a network: 1) Set up the exclusion mode at the controller; 2) Press and hold the button for approx. 2 seconds until the controller indicates the unit has been removed from the network. The LED will blink 3 times when the exclusion completes.

**Associations:** Once in a network, a controller can be used to associate the WWA-02 with other devices in the Z-Wave™ network, such as a light or another remote audible alarm.

**Wakeup Notification:** The WWA-02 will wakeup and send a notification every 4 hours (default) to allow a controller to query and update the status of the unit.

## Status LED Indications\*

Number of Blinks	Meaning
<b>Fast Blinks, Normal Operation</b>	
1	Wakeup Notification Sent (after quick button press while in Network)
2	Water Alarm
3	Temperature Alarm (either high or low setpoint triggered)
4	An active alarm has been cleared (when a water alarm or a temperature alarm is no longer active)
5	Low Battery (repeated every approx. 40 seconds)
<b>Slow Blinks, After Battery Replacement or Inclusion / Exclusion</b>	
1	In-Network (also, after button held while in-Network)
3	Out of Network (also given if inclusion was not completed)

\*If the LED remains continually on after inserting a battery, please remove the battery and contact FortrezZ, LLC customer service.

## Battery / Low Battery

The WWA-02 will send an alert on the Z-Wave™ network at regular intervals when it detects a low battery condition. In addition, it will periodically blink the LED. After a water leak, please ensure that there is no moisture in the unit and around the battery.

## WAKEUPS

- Wakeup1: Power saving design wakes up every 4 seconds to test water and freeze sensor
- Wakeup2: Once every 4 approx. hours (default) unit wakes up to send a notification either to a wakeup node or broadcast.

**Complete User Manual:** Online at [www.fortrez.com](http://www.fortrez.com)



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