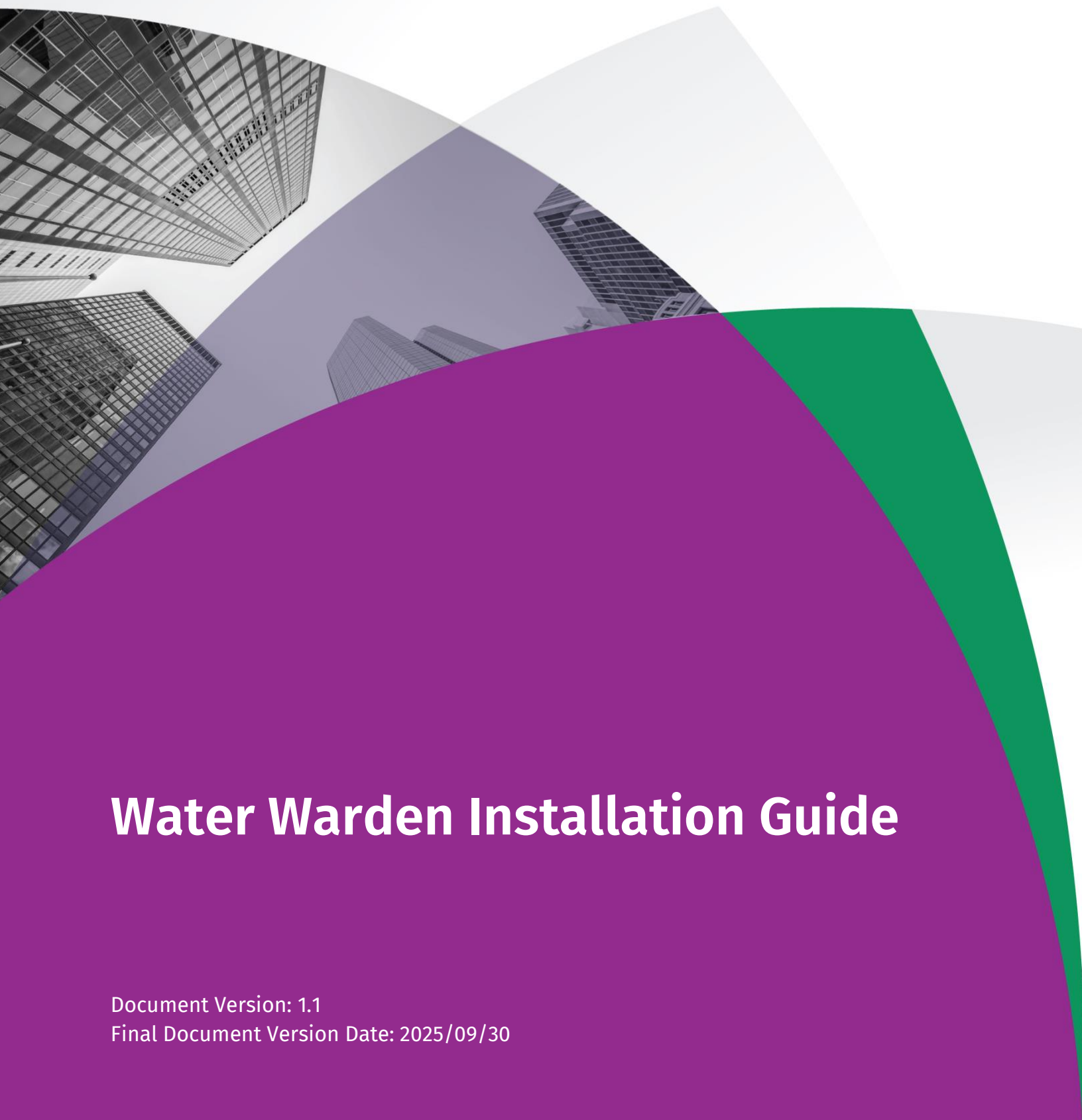




CONNECTED SENSORS



# Water Warden Installation Guide

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## INTRODUCTION

The Water Warden is a water flow control and leak detection device designed for toilets. The device includes a valve that allows water to flow to the toilet for a specified time upon detection of a user.

## PRE-INSTALLATION

1. Note: Water Warden comes standard with a 7/8 ballcock connection. If toilet tank does not have a 7/8 ballcock fitting, please contact Connected Sensors for support.
2. Connect the Flood Sensor adapter to the Water Warden by plugging it into the 3.5mm receptacle on the side of the Water Warden.



3. Apply PTFE plumbing tape to the Water Warden inlet (male thread)

## INSTALLATION INSTRUCTIONS

1. Before beginning the installation, shut off the water supply valve to the toilet.
2. Remove the braided toilet supply line from the underside of the toilet and the water supply valve.
3. Carefully connect the Water Warden outlet (female 7/8 thread) to the inlet of the toilet tank, ensuring not to cross thread the fittings. The Motion Sensor should be facing up, rotate the Water Warden such that it has good line of sight to occupants in the room.

4. Connect the Water Warden to the water supply valve using a 3/8" compression braided stainless steel hose.
5. Slowly turn on the water supply valve, checking for leaks.
6. Rest the Flood Sensor on the floor, with the metal contacts facing DOWN. The Flood Sensor should be positioned underneath the braided stainless steel hose, nearest to the shutoff valve.

## POST INSTALLATION SET-UP

1. Apply power to the Water Warden by pressing the "Open Valve" button and holding it down for at least 10 seconds. Listen for an audible tone confirming power and release the button.



2. Leave the room for 5 minutes, and re-enter, then listen to confirm the Water Warden is opening the water supply when you are in front of the sensor. There should be an audible "click" as the motion sensor detects an occupant and the valve opens.

## TROUBLESHOOTING NOTES

1. If for some reason, the valve is not detecting a human presence and water is not entering the toilet, you can press the “Open Valve” button on the Water Warden to allow water to flow for one cycle (60 seconds).
2. If water is not entering the toilet after human presence OR a button press, then the valve can be opened by unplugging and re-plugging the flood sensor 5 times.
3. If the flood sensor detects water on the floor, the valve will close until the flood sensor is dry, and an audible beep (S.O.S. pattern) will be heard. This will continue every 10 minutes until the flood sensor is dry.
4. If the water cannot be cleared for some reason, and water is needed in the toilet, the valve can be manually opened by pressing the “Open Valve” button. This will allow water to flow for one cycle (60 seconds).
5. The device will beep if the battery is low (single beep) and will repeat every hour until the battery is replaced.
6. Once the battery is approaching critically low state, the valve will automatically be opened and will remain open to avoid the Water Warden being stuck in the closed position.
7. Five beeps indicate a sensor error. This can happen when the device is switched on or when a sensor gets connected. To resolve this, unplug, then plug the flood sensor back in. If the problem persists, ensure the flood sensor is completely dry.
8. The device can be switched off by pressing the “Open Valve” button and holding it down for at least 10 seconds, until the audible tone confirms that the device was switched off. The valve will open to allow water to enter the toilet while the device is switched off.