



Installation Guide & Parts Manual

Our Water Protec system includes:

One cardboard box contains Water Protec products mentioned below.

1. Electronic Valve $\frac{3}{4}$ or 1 inch, CSA approved (B125, 3)
2. The power adapter provides power 12V AC to the control panel,
3. The control panel is the main system interface; it communicates directly with the sensors and the electronic valve, it also has a low temperature device that will close the water valve if ambient temperature reaches 5 degree Celsius.
4. The wireless sensors are installed at strategic locations prone to water damages.
5. The remote control allows you to manually open or close the electric valve at a distance.
6. Batteries included are 12V DC for wireless sensors
7. 9V battery included for to the control panel to support incase of power outage.

Step 1:

Installing the WPT valve with 12V DC electrical system (CSA and UL approved)

Note: We recommend that the valve be installed by a certified plumber.

1. Make sure your WPT electronic valve has the same diameter as your existing plumbing water line (comes in 2 sizes normally- $\frac{3}{4}$ and 1 inch diameter)
2. Close the main water valve before installing the WPT valve,
3. Install the electronic WPT valve on your main water line,
4. The WPT valve must be installed upstream of the main line of the existing valve,
5. Once complete open the main water valve and check for leaks.

Step 2:

Installing the control panel which is the main system interface unit. Unit must be open to install valve, 9V battery and alarm system wiring

1. Place the control panel where you will have easy access to set or reset the system, near an electrical outlet; if the valve wire is too short, use an extension wire # 24 gauge (not included)
2. Open the control panel and install the 9V battery into position.
3. On the left side of the control panel, the connector has two wire inputs, these inputs are to receive the electric valve wiring the red to the right of the connector and the green to the left of the connector. On the opposite side of control panel are connectors for alarm system.
NOTE : Please make sure that the two screws under all connectors are securely tightened to maintain the wires in place. We recommend that your alarm technician uses relay connectors for alarm usage.
4. Plug the power adapter into a power outlet and the other end the adapter needs to be connected to the control panel on the left side near the connector; the control panel is now ready to operate.
5. Place the wireless sensors in strategic areas such as (under water tank, dishwasher, behind washing machine and bathroom toilet, in the kitchen sink, or anywhere water may be a danger for a spill). Make sure that the sensors have their 12V battery inside.
6. The control panel is equipped with a marking positioning of your sensors, remember to mark the wireless sensors with the same number 1 to 10,
7. Place the remote control in an easily accessible location. (Behind kitchen cabinet door)

Step 3:

Synchronization and System Operation

1. Make sure your WPT system is plugged in an electrical outlet
2. When the system is ready to be synchronized all 10 lights will flash
3. Press the synchronization button on the side of control panel beside adapter connection the first 3 lights will blink now the panel is ready to receive the synchronization of the remote control, by pressing the 2 buttons on the remote control simultaneously, the remote control **must be** synchronized primarily on the system before any sensors.
4. The first light will flash it means that the panel has accepted the remote control which you synchronized
5. The first position is ready for synchronization of the water sensor to ensure the synchronization of the sensor put your fingers or place in water on the sensor rivet terminals once. When the unit has accepted the water sensor it will automatically go to the next position.
6. For each position sensor 1 through 10 on the control panel synchronization accepted by the panel will flash the next position
7. Once all the sensors on your system will be synchronized you must wait 15 seconds so system exits synchronization mode or until there is no more blinking of lights on the control panel
8. The lights that will remain lighted are the ones connected to the number of sensors you have synchronized
9. If you wish to add a sensor press once on synchronization button on the side of control box beside power adapter until desire place of sensor and repeat step 5
NOTE: To remove all synchronization press once on synchronization button and three times on reset button system will automatically have 10 lights blinking.



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Step 4:

Verification: Once the system is installed, we suggest that you test the sensors to ensure that everything works efficiently)

1. Place two fingers touching both contacts simultaneously to activate the sensor activation could take between 1 to 5 seconds
2. You will hear an alarm on the control panel; a red light will appear on the control panel with the appropriate sensor location and automatically the WPT valve will close (This shows that the system is activated, the water valve was closed automatically and the sensor is properly working.
3. The sensor should be cleaned with a dry cloth and you should open valve with remote control.
4. Repeat the test on all synchronized sensors of your system
5. Indicate on the control panel the places 1 to 10 where you have placed your synchronized sensors.

Step 5:

System maintenance and operation auxiliary mode:

1. When there is a lack of electric current the system will function in auxiliary mode the battery light will flash green and a beep will be heard every 10 minutes interval. This is to let you know your system is working on the 9V battery.
 2. 9V battery located inside the control panel will take the replacement of electricity, the lights that indicate the number of sensor will be turned off but when a sensor will detect an overflow of water, the valve will automatically close and sound alarm this protection is to ensure the sustainability of the 9V battery.
 - 3 When an indication that the 9V battery is low an orange light will appear, you must change the 9V battery that is located inside the control panel.
 4. The sensors are programmed to send a low battery signal when the panel receives one of the sensors if it's below 6V a beep will sound and the sensor with low battery will flash orange light on the control panel
 5. You must change the 12V sensor battery when low battery indication.
- NOTE: The system will close the valve when sensor will become too low of a voltage. This is to insure that system will remain functional at all times.
At this point you should absolutely change the 12V battery sensor.
6. If your sensor has been in contact with water and/or your water sensor has water inside its case we ask you to replace your sensor.

Water Protec TP Products Inc.

Being the world leader in preventive systems by eliminating water damage and reducing water wastage in residential, industrial and commercial areas.

NOTE: You must register your WPT unit at info@water-protec.com or (613) 777-5135 to insure warranty policy.

Note: Water Protec TP Products Inc. recommends that you change your batteries every 12 months so as not to have weak batteries that will hinder the proper functioning of your system. Once the sensors are below 5.5 volts, they may not detect a water leak.
The system is designed to protect against any water leak or any freezing pipe burst of your home or apartment.
The products are guaranteed for a period of 24 months for all parts that could become faulty. The valve is approved CSA is designed for 10 000 opening / closing and has a 5 year warranty.(See Warranty policy) support@water-protec.com