

Limited Warranty & Disclaimer

Leak Intelligence, LLC will repair or replace, at its option, any part of the device, which proves to be defective in workmanship or material under normal use, in the USA except in the states of Alaska or Hawaii, for up to ten years from the date of purchase. This warranty does not include issues caused by the buildup of calcium or other chemicals in the valve or damage caused by chemicals in the water supply. Leak Intelligence, LLC will repair and provide all labor and parts necessary to correct such defects, free of charge, provided the device has been operated in accordance with the manufacturer's guidelines. The Customer must return the device to Leak Intelligence, LLC for testing and repair or replacement. Should you need service, during warranty period or beyond, call 855-828-2811 to obtain return authorization before shipping your device to Leak Intelligence, LLC.

Except for the obligation to repair or replace the Leak Gopher as stated herein, Leak Intelligence, LLC shall not be liable for any incidental or consequential damage caused by failure of the Leak Gopher to function as advertised or expected.

All warranty service will be provided by Leak Intelligence, LLC technicians and this warranty is void if the device has been opened or serviced by anyone other than a Leak Intelligence, LLC technician.

EXCEPT FOR THE LIMITED WARRANTY AS STATED IN THIS AGREEMENT, THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE. LEAK INTELLIGENCE, LLC DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AS TO PRODUCTS AND SERVICES SUPPLIED UNDER THIS AGREEMENT. IN NO EVENT WILL LEAK INTELLIGENCE, LLC BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, COMMERCIAL LOSS, PROPERTY DAMAGE, LOSS OF USE, LOSS OF REVENUES, PROFITS, OR SAVINGS, EVEN IF LEAK INTELLIGENCE, LLC KNEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES.

Leak Intelligence, LLC does not guarantee the leak notification service in regard to notification of leaks. Leak Intelligence, LLC is not responsible for any value of water loss, commercial loss or any property damage, or for any other loss or damage caused or incurred as a result of the failure of the device and/or failure of the notification service.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. To know what your legal rights are in your state, consult your local or state consumer affairs office or your state's Attorney General.

Leak Gopher Series 2000 Water Heater

Leak Detector – Valve Controller

LGLDVC 3.6VDC

Quick Start Guide

The Leak Gopher Leak Detector - Valve Controller is an all in one device to protect your home or business from water leaks. The Leak Gopher Leak Detector – Valve Controller is designed to sense the presence of water, sound an audible alarm and turn the water off automatically.

You can also operate the valve directly using on and off buttons located on the front of the Leak Gopher Leak Detector – Valve Controller.

The Leak Gopher Leak Detector - Valve Controller is designed for those applications where the area or appliance you want to monitor for water leaks (i.e. water heater) and the water line where you want to install the electronic water valve are located in the same location. You can locate the electronic water valve anywhere and connect it to the Leak Gopher using six conductor telephone wires and connectors.

The Leak Gopher Leak Detector - Valve Controller can be powered using the 3.6 VDC wall cube adapter (included) or a 9 VDC battery (included). If the battery is installed and the wall cube is attached to the device and plugged into a standard 110VAC power outlet, the battery will serve as backup power in the case of a power outage.

To install the 9VDC battery, remove the four screws securing the lid to the base and carefully remove the top. There is a ribbon cable that attaches the lid to the base so care should be taken not to damage the ribbon cable. Attach the 9VDC battery to the battery connector located in the battery compartment and reattach the lid to the base.

If the battery is not installed and the device is powered by the wall cube, the Leak Gopher will sound a low battery chirp. It will also sound this chirp when the battery is low and needs to be replaced.

***** CAUTION *****

Do NOT insert fingers into the valve as this may cause serious injury!

How to install the Leak Gopher Leak Detector – Valve Controller

1. Determine where you want to mount the Leak Gopher Leak Detector - Valve Controller and secure it to the wall using the mounting holes located in the top and bottom of the device.
2. Determine the area where you want to place the Leak Gopher water sensor. A low profile water sensor is available if you need to place the sensor under appliances, etc. Visit www.leakintel.com for more information.
3. Plug the Duplex Adapter (included) into the RJ-11 connector on the bottom of the Leak Gopher.
4. The water sensor has a 2-meter telephone wire attached.
5. If the 2-meter telephone wire from the water sensor will reach, plug it into the Duplex Adapter on the bottom of the Leak Gopher.
6. You can use standard telephone wires (4 wire) and connectors to extend the water sensor wire to the leak Gopher. The water sensor uses the center two wires, usually red and green, just in case you want to attach the telephone wires to a biscuit connector, etc)
7. You can use standard telephone duplex adapters (splitters) to install multiple water sensors to the Leak Gopher.

8. Install the electronic water valve (see below).
9. Plug the water valve into the Duplex Adapter.
10. You can use standard telephone wires (4 wire) and connectors to extend the valve wire to the Leak Gopher. The water sensor uses the outside two wires, just in case you want to attach the telephone wires to a biscuit connector, etc)
11. Plug the wall cube (included) into the bottom of the Leak Gopher.
12. The Leak Gopher will beep and a light on the front will blink.
13. Make sure the valve is open.

How to install the Leak Gopher Electronic Water Valve

Building Codes are different in every State and Locality. In many areas Building Codes require a licensed plumber and possibly a permit to modify or install plumbing fixtures. Please check with your Building Codes department or contact a licensed plumber to find out what is required in your area.

Determining where to locate the Leak Gopher electronic water valve is an important part of the installation process. While outside the scope of these instructions, the optimum place to locate the valve is where it can turn off all of the water entering the premises to be protected. In a residential setting this is typically on the main water line coming into the house. Variations in plumbing make it impossible to provide detailed installation instructions for your installation. The following instructions will only serve as a guide. Your situation may require more connectors, rerouting the water line, or some other changes in the procedures. It is your responsibility to check with your local codes department to determine if a licensed plumber is required to install the Electronic Water Valve.

Install the Electronic Valve

1. Turn off the water to the premises. **FAILURE TO TURN OFF ALL OF THE WATER TO THE PREMISES WHERE THE VALVE IS BEING INSTALLED WILL RESULT IN FLOODING!**
2. On a straight section of the water line, **AFTER THE WATER SHUT OFF VALVE**, make two marks 12" apart where you want to install the valve.
3. Cut the pipe on the two marks that are 12" apart.
4. These instructions assume you are using SharkBite connectors. You will need to modify these instructions if you are not using SharkBite connectors.
5. After removing the 12" cut section, make a mark 1" back from the end of both pipes where the connectors will be attached. These marks will help you insure the SharkBite Connectors are pushed all the way onto the pipe for proper installation.
6. Wrap Teflon plumbing tape around the SharkBite connector threads 8 times, apply pipe sealant to the threads and screw it into the water inlet side of the electronic water valve and tighten it securely using two slip joint pliers or wrenches.
7. Wrap Teflon plumbing tape around the SharkBite connector threads 8 times, apply pipe sealant to the threads and screw it into the water outlet side of the electronic water valve and tighten it securely using two slip joint pliers or wrenches.
8. Slide the SharkBite Connector attached to the inlet side of the valve onto the incoming water line. Be sure the SharkBite Connector is all the way on the pipe.
9. Slide the SharkBite Connector attached to the outlet side of the valve onto the outgoing water line. Be sure the SharkBite Connector is all the way on the pipe.
10. Slowly turn the water on to the premises while carefully checking for leaks.

11. The electronic water valve has a 2-meter telephone wire attached.
12. If the 2-meter telephone wire from the electronic water valve will reach, plug it into the Duplex Adapter.
13. You can get a 6 conductor 14 foot telephone wire and connector to extend the valve wire at www.leakintel.com. You can also install a biscuit or other device to extend the wire but care should be taken not to reverse the polarity on wires 2 & 5 and 1 & 6. Wires 2 & 5 open and closes the valve. Wires 1 & 6 report the valve position to the Leak Gopher.

Check out our Installation Videos at www.leakintel.com

Testing the Leak Detector – Valve Controller

1. Place the water sensor into a container with water.
2. The Leak Detector will sound an audible alarm. The alarm will repeat every 10 seconds.
3. The electronic water valve will close.
4. To turn off the audible alarm, press the Silence button on the front of the Leak Gopher under the off button for 3 seconds.
5. The electronic water valve will remain closed.
6. You must wait one minute after the electronic water valve closes before starting the opening procedure. This allows the valve time to fully close.
7. Remove the water sensor from the water and dry it off.
8. To open the electronic water valve, press the On button on the front of the Leak Gopher.
9. The electronic water valve will open.

That's it! Be sure to leave the electronic water valve open!

Your home or business is now protected. If the Leak Gopher senses water it will automatically turn the water off. The audible alarm will continue to sound until you press the Silence button, even if the water at the water sensor dries.

There are other models of the Leak Gophers that work wireless with your Z-Wave enabled security system, other Z-Wave Controllers or using the Leak Gophers very own wireless technology. There is a Leak Gopher with a Wireless Valve Controller to allow the Electronic Valve to be located away from the Wireless Leak Detector and not connected using wires. There is a Leak Gopher Manual Valve Controller to simply turn water off and on at the press of a button. Visit www.leakintel.com for more information.

Full User's Manual available at www.leakintel.com