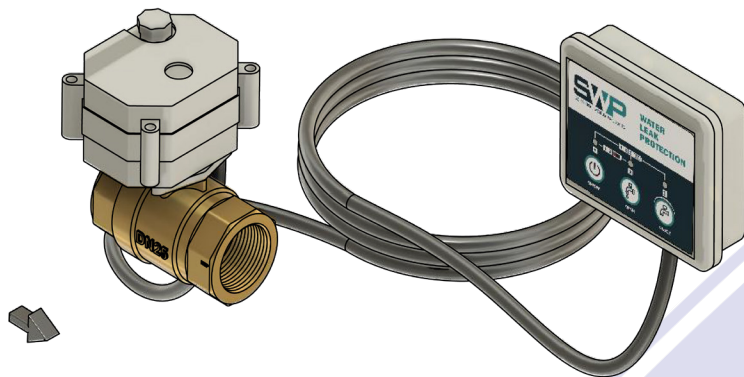


P.O.E. LEAK DETECTOR INSTALLATION & OPERATION GUIDE

FOR WATER APPLIANCES SUCH AS WATER FILTERS, WATER HEATERS, AND MORE.

Thank you for purchasing your Crystal Quest® auto shut-off/leak detector. Your leak detector has been designed for quick and easy installation. The unit is battery operated, requires no external power, and is extremely convenient. Its 1" NPT connects easily to pipe on main water line. Please read the following instructions carefully to enjoy the benefits of your product.

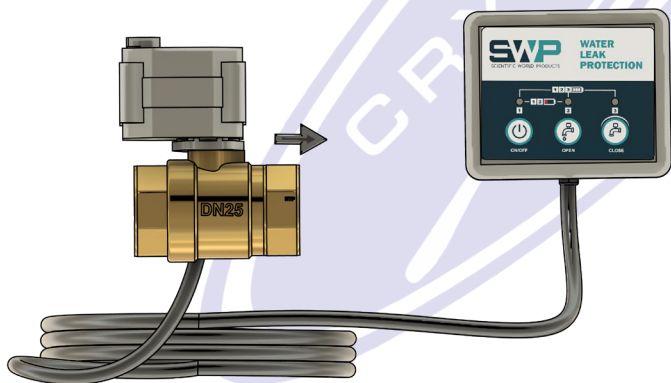
CQE-PS-00102



- Detects water leaks within a Whole House and/or point-of-entry system and appliances.
- Shuts down the water supply to appliance to prevent flooding. **1.**

CONNECTION

Step 3



TROUBLESHOOTING

Question:

The leak detector is beeping. How do I shut it off?
The leak detector has activated due to one of the following:

- 1) Water touching the sensor (leak or spill)
- 2) Low battery
- 3) No testing for 2 years and is in maintenance mode

Do the following as needed:

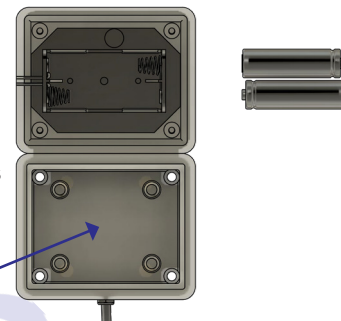
- (1) Check for leaks and repair if necessary.
- (2) Dry metal sensor(s).
- (3) Change the battery if in doubt.
- (4) Hold the Reset button down until the controller no longer beeps.

4.

SPECIFICATIONS

Step 1

- Remove battery cover and gently remove the batteries.
- Connect AA batteries, matching the positive(+) and negative(-) terminals.
- Insert the battery into the battery compartment and close the battery compartment cover.
- The control unit activates the solenoid valve to open the inlet pipe, generating a long beep. Press the Reset button for 4 seconds.



Battery Compartment Cover

CONNECT SYSTEM TO SOURCE WATER **Step 2**

- Turn the water source off. Install the Controller Module/Sensor by appliance(s).
- Install solenoid valve on the feed line, ensuring water flow is in the direction of the arrow.
- Connect the inlet and outlet
- Turn the water source on and check for leaks at the fitting valves.

2.

SPECIFICATIONS

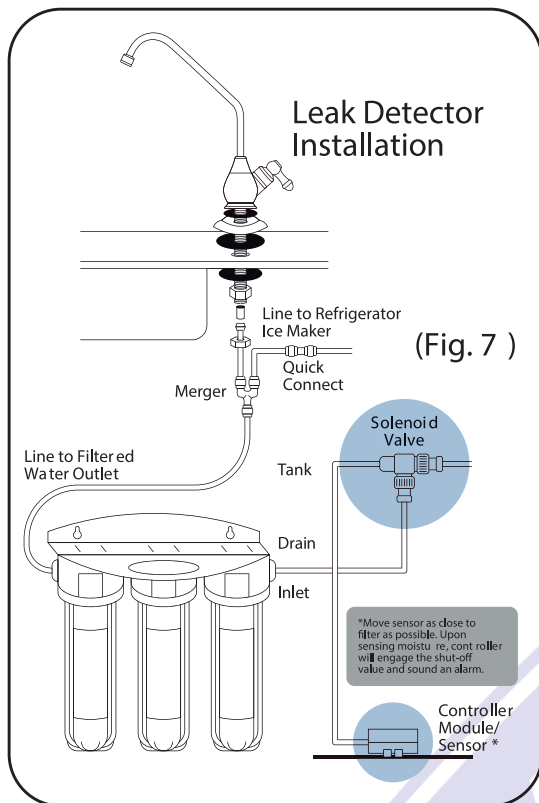
- Water leak controller with auto shut-off and alarm
- AA alkaline battery operated
- Auto shut-off when battery power is low
- Easy installation before appliance
- Water leak detecting method: Leak detector is placed close to water treatment system with metal detecting sensors faced down. Upon sensing moisture, controller will engage the shut-off valve and sound an alarm.
- Environment temperature: 68°F-176°F (20°C-80°C)
- Maximum pressure: 87 psi (6 bar)
- Cable length: 70 inches (1778 mm)
- leak detector sensor on dry towel on ground prior to appliance.

IMPORTANT INFORMATION

- Use of the leak detector is restricted to cold water supply lines. Do not connect to a hot water line.
- Do not place anything on top of the sensor.
- Insert only the proper size of pipe fitting into the solenoid valve.
- Operate only with AA size alkaline type battery.
- Do not cross thread solenoid inlet and outlet.

3.

LEAK DETECTOR CONNECTION TO P.O.E



5.

MAINTENANCE

- Your controller module/sensor is in constant contact with your water supply. The maximum life expectancy is five years. Depending on the quality of your water, you may get longer use. However, it is recommended that you do not exceed the five year time period. Test the unit periodically to confirm the system operates and to operate the valve.
- Whenever the control unit shuts off the inlet tube of the water treatment system, do the following:
 1. Check for water leaks
 2. Change the battery
 3. In addition, check the sensor metal strips periodically to make sure the controller is laying metal side down. Wipe the metal strips with a clean dry cloth.

Installation and Maintenance Instructions

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE AND UNIT MAINTENANCE

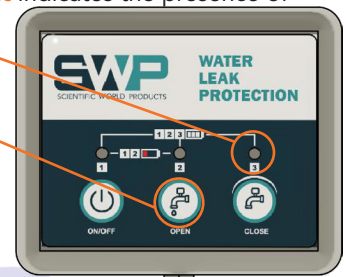
Product design is subject to change without notice.

For further assistance contact your
Crystal Quest® Dealer or e-mail us at
help@crystalquest.com

8.

AUTO SHUT-OFF -WATER LEAK DETECTOR

- When a water leak is detected, the control unit signals the solenoid valve to automatically shut off the inlet tube of the water treatment system. This blocks the flow of water and generates an acoustic beep. A **blinking red light** indicates the presence of water.
- After the leakage problem is resolved, press the **open** button. The control unit signals the solenoid valve to open the inlet pipe of the water treatment / appliance system, again with a long beep.



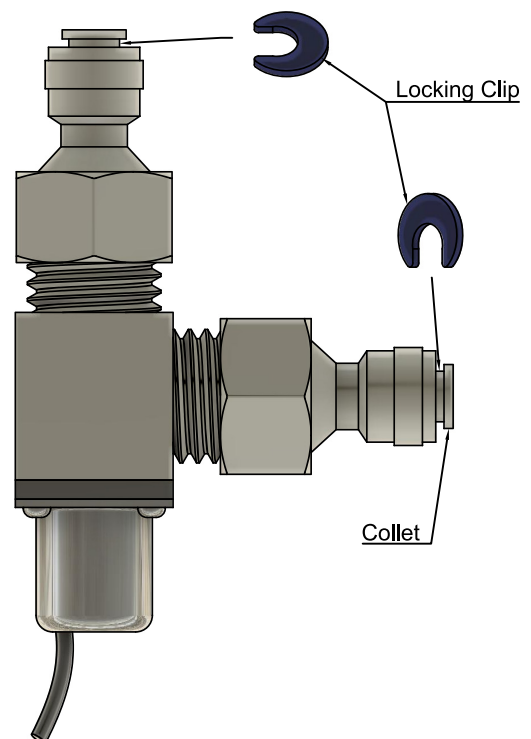
LOW POWER SHUT-OFF

- When the control unit detects low power from the battery, a red LED light will flash and a beep will sound. The control unit shuts off the inlet pipe of the water treatment system.
- Control unit **blinks a red light** and generates an acoustic beep to indicate low battery power.
- Remove current battery from battery compartment and replace with new AA alkaline batteries.
- The control unit activates the solenoid valve to open the inlet pipe, generating a long beep. Press and hold the Reset button for 4 seconds.



6.

QUICK CONNECT FITTING



7.