

Product FAQ: Sprayheads

Sprayhead Nozzle Compatibility

Sprayhead nozzles made by Irritrol are compatible with other female threaded sprayheads (Rain Bird, Hunter, Weathermatic, and Orbit). Toro uses a male thread and is NOT compatible with Irritrol sprayheads.

Troubleshooting a Leaking Sprinkler When System is Off

Leaking sprinklers generally do not have anything to do with the sprinkler. The problem is from water in the pipe after the sprinkler system has been shut off or a problem with the valve. Here are the main causes and the solutions:

A. Water in the pipe is draining out of the sprinkler:

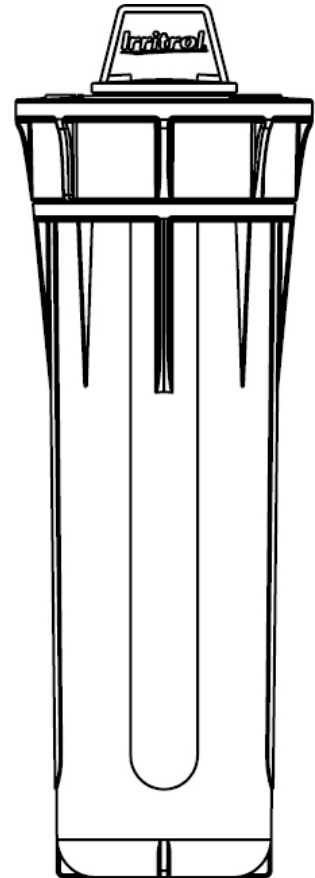
Water naturally flows to the lowest point in the line. If you have a slope in a line then the water will drain out of the lowest sprinkler and flood the area every time you turn off your sprinklers. This over watering can create swampy conditions around that head.

Solution: To prevent this you need to install a check valve on the sprinkler. They are made by all manufacturers and come in the size of your sprinkler. Check valves prevent the water from flowing through the sprinkler once the valve has been turned off. If you install a check valve then you will have to blow out your system when winterizing it.

B. Valve Diaphragm is damaged or dirty: The second cause deals with the valve. To fix the problem you need to take apart the valve and rinse off the components or replace them. Installing a Check Valve in the leaking sprinkler will not fix the problem as it will just cause the water to leak out of the next lowest head. Here is the list of things to look for:

WARNING: TURN OFF WATER MAIN BEFORE TAKING YOUR VALVE APART!

1. Rock or debris under the diaphragm
 - **Solution:** Rinse off diaphragm and quickly flush system before putting parts back together. This will clean out debris that may have fallen into valve or pipe.
2. Debris under the solenoid



- **Solution:** Take off solenoid. PLUNGER AND SPRING MAY NOT BE ATTACHED TO THE SOLENOID AND WILL EASILY GET LOST. Rinse parts. Quickly flush system and then put parts back together.
- 3. Worn out or damaged diaphragm
 - **Solution:** Replace the diaphragm.

Pop-up Sprinkler Stays Up When Shut Off

The most common reason a pop-up sprinkler “sticks up” is because debris is in the pop up body, the riser is damaged, the retraction spring is broken, or the riser seal is worn. To fix this, unscrew the body cap, pull out the sprinkler assembly, and examine the parts. Clean out debris and replace parts if needed. If you have a damaged riser, riser seal, or retraction spring replace the sprinkler.

Why would my pop-up sprinkler not pop up

Pop-up sprinklers require water pressure to “pop up.” Either a broken irrigation pipe or worn sprinkler wiper seals will cause loss of water pressure. To determine which is causing the problem, turn the sprinklers on, then pull up on any sprinkler within the zone in question. Let the system run for a while. If, by pulling up the sprinklers, the sprinkler system is watering correctly, you’ll need to change out the wiper seals on the sprinklers. If you notice water spurting out of the ground where it shouldn’t be, there may be a broken irrigation pipe.

Sprinkler Heads That Are Misting

Sprinklers only mist when there is too much pressure. The best way to fix this problem is to install a pressure reducer at the beginning of the system. Pressure regulators can reduce the pressure to the recommended 35-45 psi. You can install them yourself or have a professional contractor install one for you.