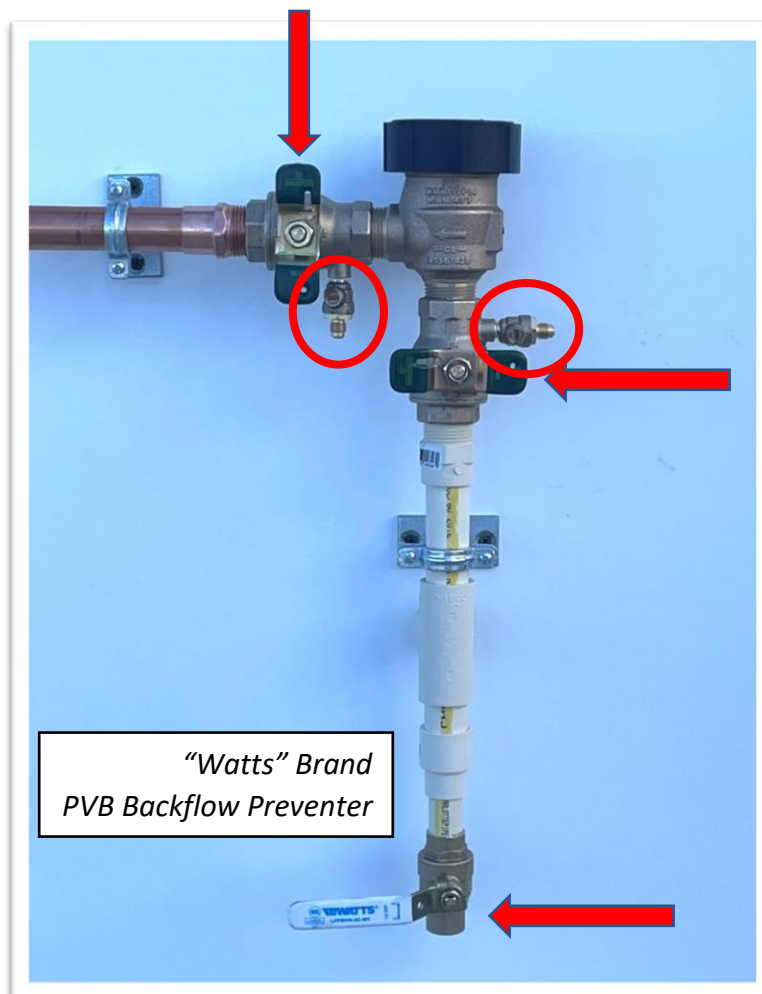


Start-Up Instructions for PVB Style Backflow Preventer

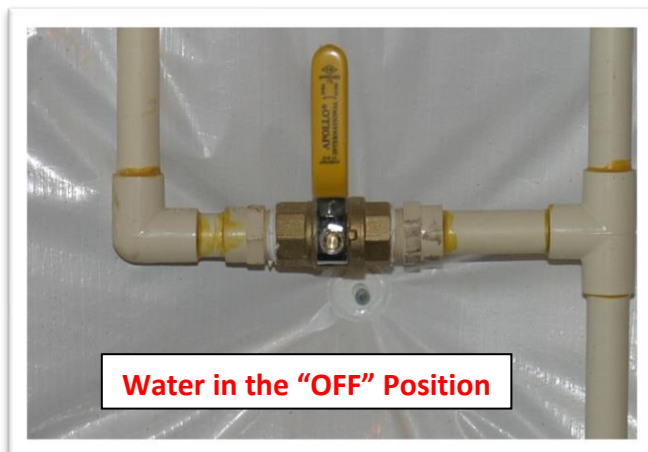
Step 1:

- 💧 To begin the sprinkler startup process, locate the backflow preventor on either the front or back corner of the house.
- 💧 The backflow preventor valves will need to be closed before turning the water on to the system. To do this, the ball valves will need to be turned from a 45-degree angle to **perpendicular** to the pipe they are attached to. The red arrows in the photo below show the ball valves in the correct closed position.
- 💧 Next, use a flat tip screwdriver to turn the (2) nipples, circled in the picture below, so they are perpendicular to the ends. This will close the nipples and not allow water to come out of them.



Step 2:

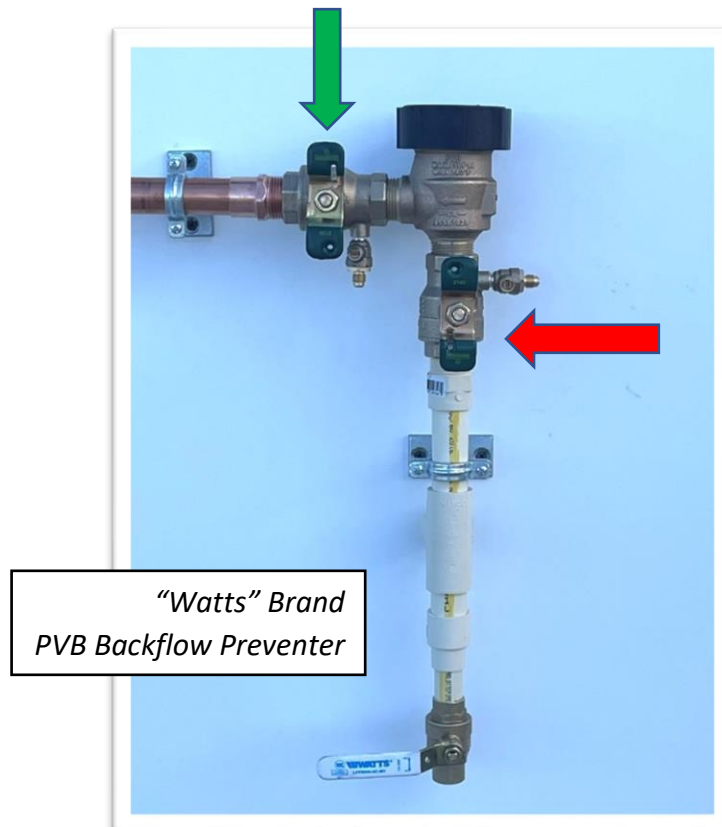
- 💧 Once your backflow is closed in Step 1, proceed to the basement and locate the sprinkler shut off valve. Most commonly this is located near the water meter and either has a yellow, red or green shut off handle.
- 💧 Turn the handle SLOWLY until it is parallel with the pipe it's attached to. The photos below show the water turn on valve in the on and off positions.
- 💧 When the ball valve is turned into the "ON" position you should hear water run for a short period of time, begin to slow, and then stop running.



Note: Some City Jurisdictions require a drain on the shut-off line in the basement. Make sure this drain is in the "OFF" position before turning on the water to the backflow preventor.

Step 3:

- After Step 2 is completed and the water has been turned on to backflow preventor, return to the backflow preventor on the outside of the home.
- At the backflow, locate the first ball valve on the backflow (red arrow). This will be the first ball valve on the pipe coming out from the house. Once located, open this valve by turning it so its parallel with the pipe it's attached to. PLEASE NOTE: Open this valve quickly, you will hear a "pop" and the water should seal the backflow preventor
- Next locate the second ball valve on the backflow (green arrow). Open this ball valve SLOWLY until its parallel with pipe it's attached to and the water stops running. This ball valve allows water to enter the mainline to the sprinkler system under the ground.



Step 4:

- After Step 3 is completed, your sprinkler system is ready to be used. We advise you test the system and check all heads for damage prior to regular use.