

Winterization Instructions for PVB Style Backflow Preventer

Step 1:

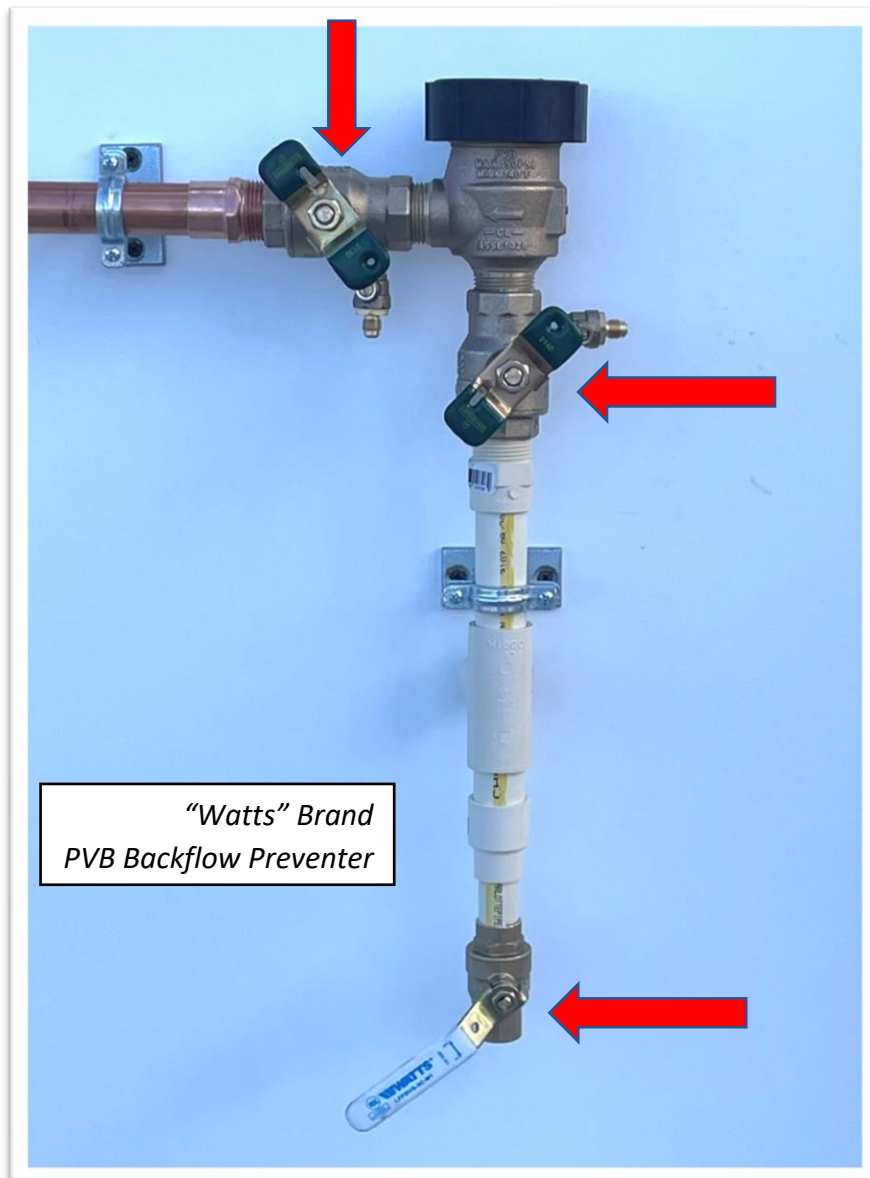
- 💧 To begin the winterization process, first locate the water shut off valve for the sprinkler system in the basement. This ball valve is near the water meter and will have a colored handle, most commonly yellow, red or green.
- 💧 The water is turned off when the ball valve handle is turned **perpendicular** to the pipe it is attached to. The photo on the left shows the water in the “OFF” position. The photo on the right shows the water “ON” to the sprinkler system.



Note: Some City Jurisdictions require a drain on the shut-off line in the basement. This line must also be drained. Place a bucket under the drain and open the drain valve so it is parallel to the line to which it is attached. Leave the drain open and proceed to Step 2.

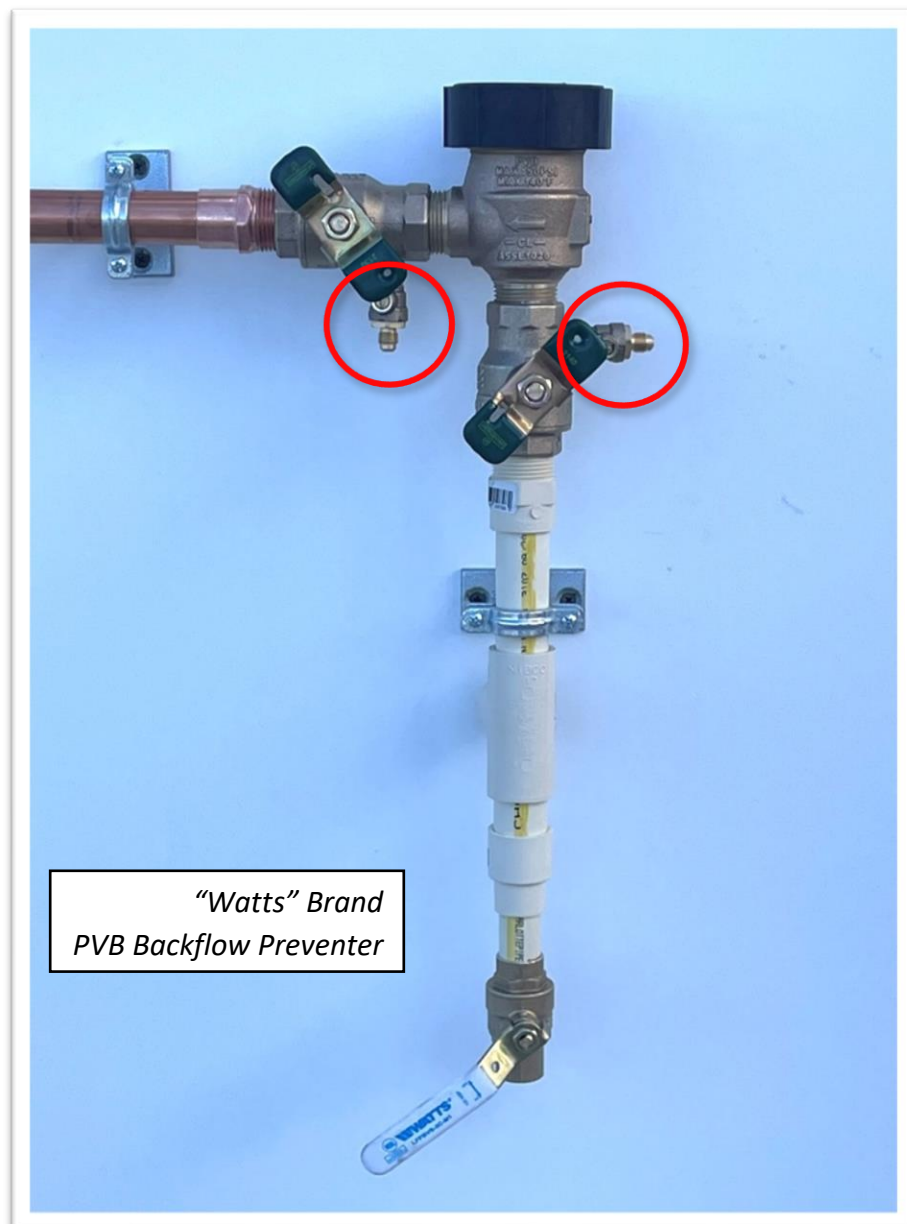
Step 2:

- 💧 Before going outside to continue the winterization process, you will need a small flat tip screwdriver. Proceed to the exterior of the home and locate the PVB Backflow Preventer on the outside of the home. Most commonly, it is located on one of the front corners of the house or in the back.
- 💧 Turn the (3) ball valves on your backflow so they are each at 45-degree angles as shown by the red arrows in the picture below.



Step 3:

- 💧 Keep your flat tip screwdriver. After the (3) ball valves have been turned to 45-degree angles (Step 2), locate the (2) nipples on the PVB backflow preventer.
- 💧 Each nipple should have a spot to turn with a flat tip screwdriver.
- 💧 Open the nipples using the screwdriver and turn each nipple so the screwdriver slot is parallel with the end of the nipple.
- 💧 On the picture below the (2) PVB backflow preventer nipples are circled in red.
- 💧 This Step allows the vacuum on the backflow preventer to be broken and air to enter.



Step 4:

- 💧 The last step in winterization process is done at your sprinkler control clock. The clock is typically in the garage but could also be located outside or in a basement.
- 💧 Manually run a program with the water still turned off to the system. This allows the valves located in the ground to open, air to enter the pipes and the water in the pipes to seep into the ground.
- 💧 To manually start your clock and run one cycle:
 1. Turn the dial on the sprinkler clock to “Auto/Run.”
 2. Press and hold the right pointing arrow (located below the LCD screen).
The LCD screen should flash “started” and show zone number (1) and a run time. This has started your sprinkler system and will allow all the valves in the system to open and drain out their water.

IMPORTANT NOTE: After the clock has run through the entire system for one cycle, make sure the sprinkler clock is in the “OFF” position for the remainder of the winter.

