

Winterizing your Backflow – Double Check Assembly (DCA)

1. Locate the isolation valve for your irrigation system. The valve will be in a 6” Round Valve box at 1 of 2 locations:

- In a 6” Round Valve box close to your house’s water meter.



- In a 6” Round Valve Box in between the DCA Backflow device and Water Meter.



2. Turn off the isolation valve:

- The isolation valve, when off, should be perpendicular to the pipe.

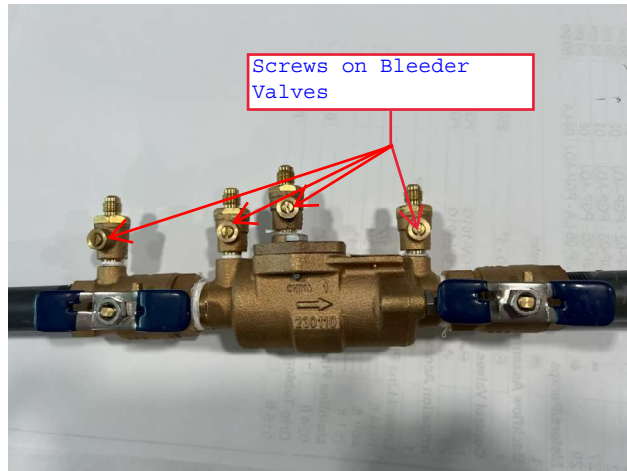


3. Remove (unscrew) the plastic caps from the Test Cock

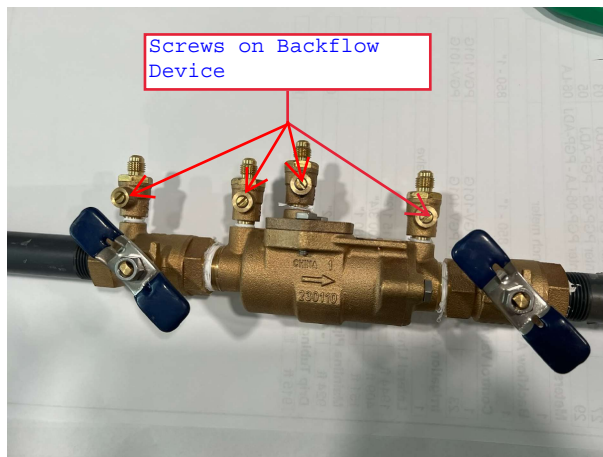


4. Open the bleeder valves (Test Cocks) to a horizontal position:

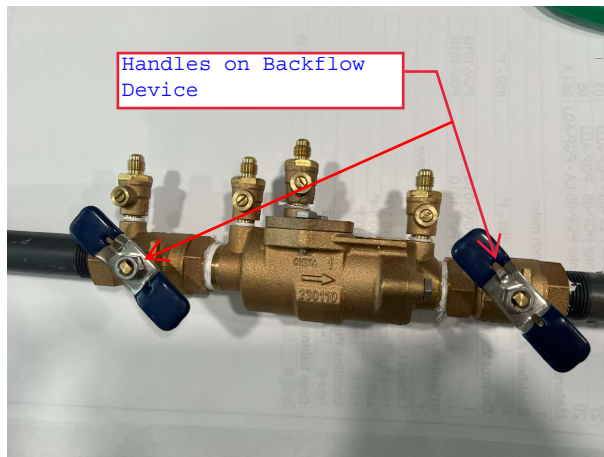
- A small amount of water will drip out until the pressure subsides.



5. Turn Screws on backflow device to a 45-degree angle.



6. Turn Handles on backflow device to a 45-degree angle.



7. Manually cycle the system using your controller.

- With the controller in the run position, hold down the PRG button until you see a flashing 0:00.



- When a flashing “0:00” is shown, press the “+” button until you see “0:01”.
- Allow the controller to cycle through all valves at a one-minute duration.

The steps shown in this tutorial are meant to protect most PVB's in Typical weather conditions in Texas. However, to fully protect your system, it is recommended that you contact a licensed irrigator in your state to perform a full winterization of your system. The process for full winterization will be similar but will utilize an air compressor to fully purge your system of water.