



### What Are the Benefits of This Upgrade?

Auto shut off valves (ASOV) are an excellent addition to your RO/DI system and will allow your RO/DI system to automatically turn on and off based on the activation of a float valve. The auto shut off kit uses a float valve to shut off a reverse osmosis system when the desired storage container is full.

This can save you from accidentally flooding your home and will also ensure that you always have plenty of RO/DI water on hand.

### What Do I Need?

This kit includes everything that you will need to successfully upgrade your system with an auto shut off float valve. Please ensure that you have received all of the following parts:

- 1 x Float valve
- 1m of White 1/4" tube
- 90° Elbow With Check valve
- 1/4" Auto Shut Off Valve

### Useful Tools

- RO Tube Cutters or a Utility Knife
- Teflon Plumbers Tape

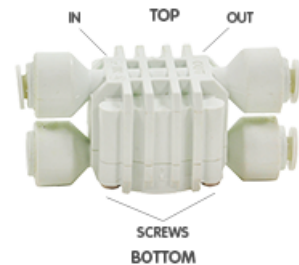


Auto shut off valves do require a minimum of 40 PSI to operate correctly and can be installed on any style of reverse osmosis system that uses 1/4" tubing.

### Installation Instructions

Auto shut off valves use a small amount of pressure created by your float valve to shut off the water supply to your RO/DI membrane. Follow these instructions to install an auto shut off valve on your RO/DI system.

1. First note the top and bottom of the shut off valve, the bottom has screws and the top has in/out marks.
2. The 'IN' line exits from the last carbon block and enters the "in" on the top of the valve
3. The 'OUT' line exits through the "out" on the top of the valve and enters the RO membrane via the membrane housing cap (Essentials/Nano models) or pressure gauge (Essentials+/Premium models).
4. Disconnect the tube from and unscrew the production water elbow from the end of the membrane housing. Replace the elbow with the included Check Valve (labelled below as Check Valve). For best results apply 4-8 loops of teflon tape to the check valve thread before installing.
5. Connect the tube which was just disconnected to make way for the check valve, to either of two remaining shut off valve connector. Which one is irrelevant as long as it is one on the screw side of the valve, so just choose the one which is easiest to access with the tube.
6. Connect the final shut off valve connector to the check valve you just installed with some of the supplied tube.
7. From here it is best to recheck the connections to ensure the match the below:
  - a. 'IN' connector to Carbon Block output
  - b. 'OUT' connector to horizontal RO membrane housing cap
  - c. Screws side connector to RO membrane housing production water output, now fitted with the included check valve (labelled Check Valve below)\*
  - d. Screws side connector to DI Resin stage input\*



## Need Help?

We are always here to help! Please get in touch with us...



1300 110 805



[contact@reefpurero.com.au](mailto:contact@reefpurero.com.au)