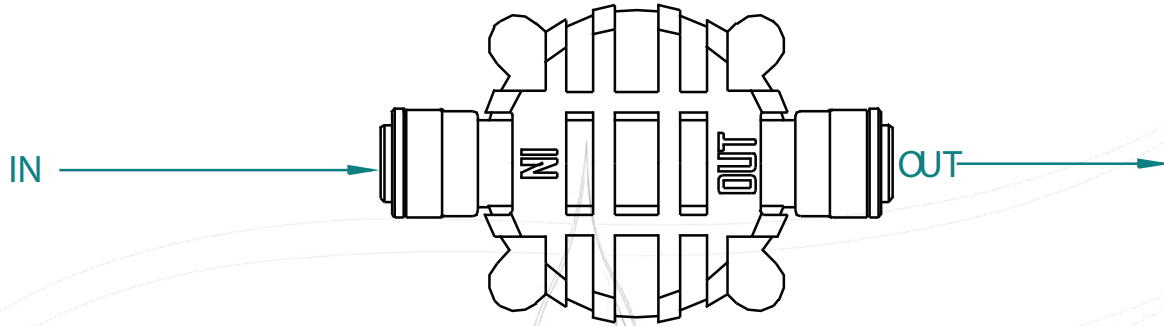


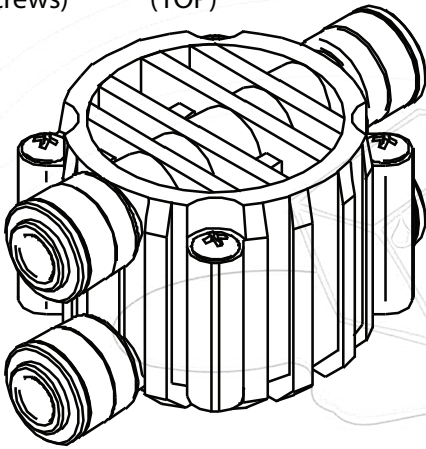
AIR WATER ICE, LLC Installation Diagram

ASOV Schematic



LOOKING AT BOTTOM OF ASOV

ORTHOGRAPHIC VIEW OF ASOV (4
Screws) (TOP)



SIDE VIEW OF ASOV
(SCREW HEADS UP)

TOP LOOKING
FROM SIDE

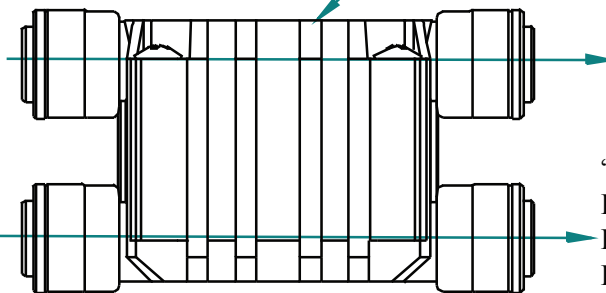
“IN” SIDE

“OUT” SIDE

PRODUCT WATER GOING
“OUT” GOING TO USE i.e.
FAUCET

PRODUCT WATER GOING “IN”
FROM MEMBRANE

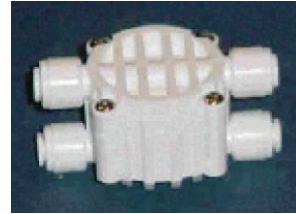
“IN” FROM FILTERS



“OUT” GOING TO SINGLE
END OF MEMBRANE
HOUSING (GETTING
READY TO MAKE R/O
WATER)

Air, Water & Ice

THE AUTOMATIC SHUT OFF VALVE ASOV



Looks very complex, but is really very simple.

The water is simply traveling across the valve from left to right or right to left depends on how you look at it.

Pure water travels across the top of the unit.

Filtered water across the bottom.

The valve has a top and a bottom. The top is the side with the (4) screws visible. The bottom has no visible screws and is marked in and out.

The bottom of the valve is connected between the pre-filters and the membrane. Water from the pre-filters is directed to the (in). The filtered water continues from the out to the membrane end with only one connection. The membrane water inlet.

So the bottom of this valve goes in between the filters and the membrane.

The top is the side with the (4) screws connects across the pure water line. From the membrane pure water outlet. You connect to the (in). The pure water outlet of the membrane is on the end with two connections. One connection goes to drain, the other is the pure water. The drain connection is not the one you want.

Once you have located the pure water line, cut it and install the automatic shut off valve. From the membrane to (in) and to the rest of the system (out).

Install the ASOV in the position shown, i.e. with the bottom side down flat.

It can take a few days to get the air of a new system... In the interim the ASOV may hum or vibrate and let water drain thru to the drain constantly. Sometimes several days are needed to absorb the air. Turn unit on its left side, then right side while opening and closing the fast flush 10 times quickly.

How to use Push-In Fittings

Cut tube square

Cut the tube square. It is essential that the outside diameter be free of score marks and that burrs and sharp edges be removed before inserting into fitting.

Insert tube

Fittings grips before it seals. Make sure tube is pushed in the tube stop

Push up to tube stop

Push the tube into the fitting, to the tube stop. The collet (gripper) has stainless steel teeth which hold the tube firmly in position while the 'O' ring provides a permanent leak proof seal.

Pull to check secure

Pull on the tube to check it is secure. It is a good practice to test the system prior to considering your handy work is done. The system doesn't full pressurize until the tank is full.

Disconnecting

Push in Collet and remove tube

To disconnect, ensure the system is depressurized before removing fitting. Push in collet squarely against face of fitting. With the Collet held in this position, the tube can be removed. The fitting can then be reused.

***Remove Blue Clip before removing tubing**