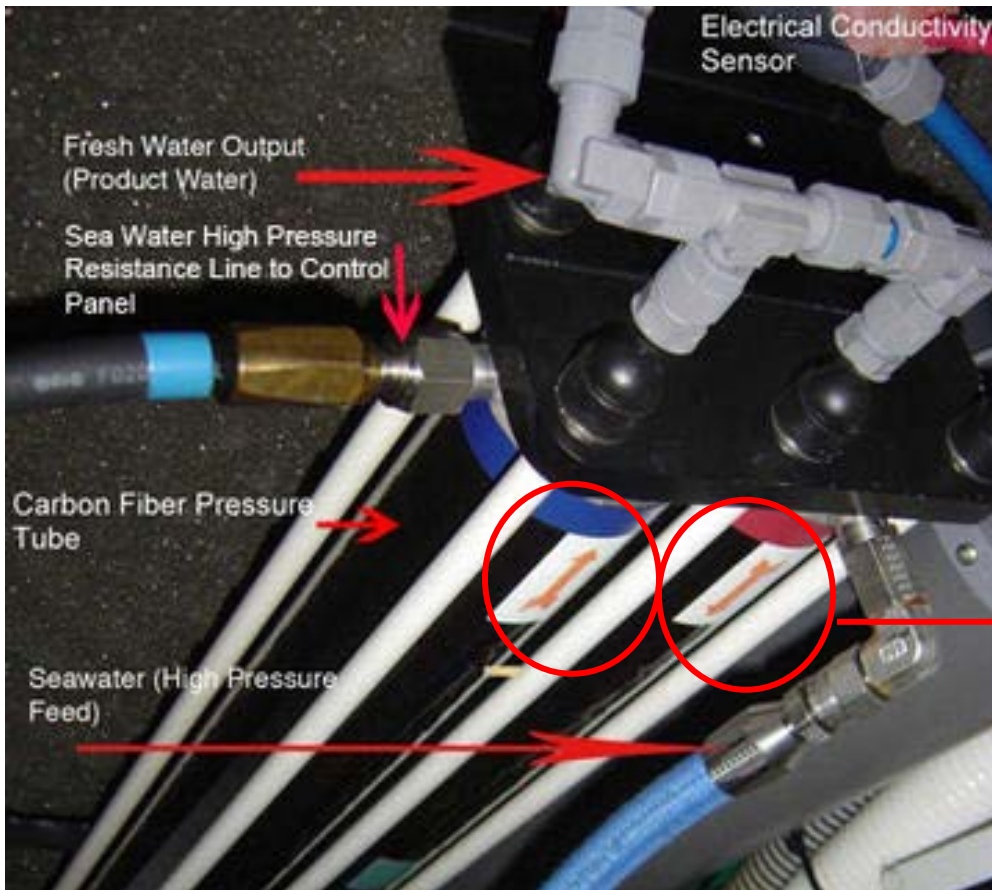


# Watermaker Membranes

## Discounts

### Membrane Orientation & Insertion

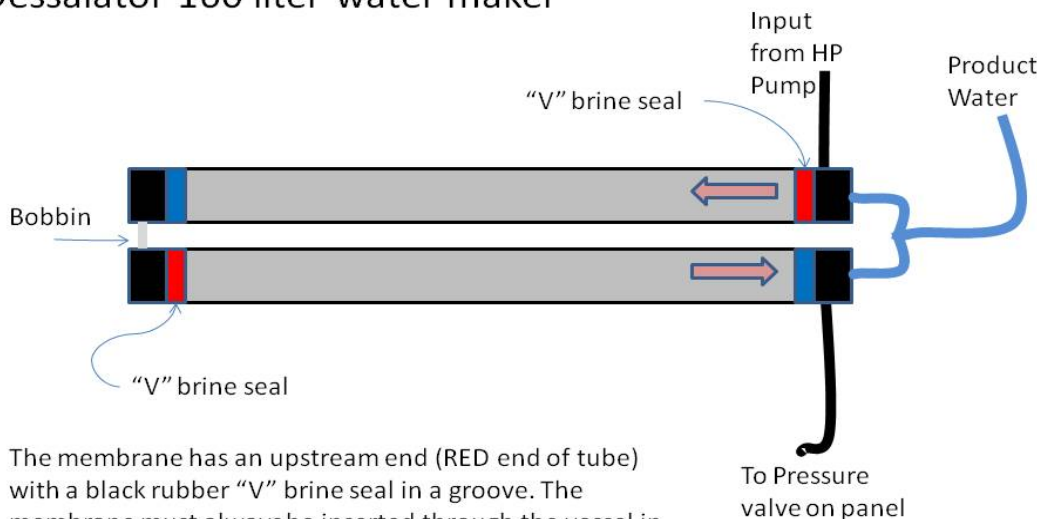


Direction of Flow indicated by arrows and red & blue end stripes



**PEARL:** "It is essential to reassemble the high pressure hose with Loctite 542 on the flare part only...not threads" Dessalator

Desalator 160 liter water maker



**PEARL:** The fitting is a 3/8" JIC Flare fitting. Dessalator says to use Loctite 542 on the "flare part only" of all JIC fittings. You should use no thread tape or thread paint. Normally a JIC Flare fitting needs to be really tight. When you tighten take all precautions like using a "backing wrench" if possible.

The membrane has an upstream end (RED end of tube) with a black rubber "V" brine seal in a groove. The membrane must always be inserted through the vessel in the direction of flow, from upstream to downstream (Blue end of tube). If you look at the shape of the "V" brine seal you will see that it will be damaged if pushed backwards. There is normally an arrow on the vessel to indicate the direction of flow (see photo above). Lubricate the "V" brine seal with Trident Silicone grease.

**PEARL:** Brine seals are plastic or rubber devices that seal the outside of one end of a membrane against the wall of the tube. Brine seals are designed to prevent by-passing of saltwater around the element.