



# Technical Bulletin

## WINTERIZING PROCEDURE

### Softeners & Filters

Total winterizing – removal of all water is important when equipment is going to be in a hard freeze area. Freezing can fracture valves and tanks and can also break down softening resin.

Most valves are provided with some type of connecting nut attachment to the plumbing – this is true for either the bypass or non-bypass style.

The most complete way to winterize a softener or filter is to disconnect and drain using the following procedure:

1. Disconnect unit from power supply. Hang the power cord near the valve.
2. Turn water off to and from unit. Open bypass valve. Manually Index unit to the backwash position, this will relieve any pressure within the tank.
3. Loosen meter nuts on rear of valve and move away from coppertail pieces. Disconnect brine line from valve.
4. Gently rock the unit forward and remove the rubber gaskets (2). Clean gaskets off and tape or tie to power cord. Pull off the drain line.
5. Carefully turn valve counterclockwise and slowly lift and separate from the resin tank. NOTE: While lifting, be sure **not** to pull up the riser tube. Reach between the valve and tank top with two fingers and hold the distributor in place.
6. Hold the now separated valve over a pail on the brine tank and turn the timer knob counterclockwise thru two or three revolutions to clear all water out of the valve.
7. Put a length of " or small plastic tube all the way down the now exposed distributor tube. Create a suction and siphon all water from the resin and resin tank.
8. Screw the valve back on to the tank. Do not tighten completely and do not reconnect to plumbing.
9. Remove the brine valve/pick-up tube. Turn upside down and drain out all liquid.
10. Put a tube down the brine well, create a suction and siphon out all liquid.

If any questions arise please call Customer Service at (262) 681-1300 or you may fax us at (262) 681-1318, or e-mail us at [Info@Marlo-Inc.Com](mailto:Info@Marlo-Inc.Com).