

PB2 Bypass for Using External Nephros SSU filter		TSB 2012008
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TECHNICAL SERVICE BULLETIN

OVERVIEW:

The PB2 (portable RO) comes standard with an internal .05 micron Pyrogen filter. Better Water has created a simple solution for those customers who have expressed an interest in using an external Nephros SSU Pyrogen capsule filter. This solution involves the removal of the standard internal .05 micron Pyrogen filter and replacing it with a bypass tube with quick-connect ends.

This bypass tube, part# **EQSUBPB2FT** is available from Better Water.



Nephros SSU Pyrogen Capsule Filter

NOTE

Better Water LLC recommends that one of these two filters must be used with the PB2 to ensure water quality.



PB2 .05 False Tube
part# **EQSUBPB2FT**

USE of the NEPHROS SSU CAPSULE FILTER:

When using the Nephros SSU capsule filter, it should be installed on the product hose between the PB2 and the dialysis machine. A sample port should also be installed after this filter to draw water to mix bicarb and for bacteria sampling,

REPLACEMENT INSTRUCTIONS:

1. Turn the power to the RO unit OFF.
2. Turn the water supply to the RO unit OFF.
3. Open the lab-cock, located inside the RO cabinet, and relieve filter-in and filter-out pressure. It is advisable to use a small piece of tubing on the nipple of the lab-cock to route the draining water out of the cabinet.
4. Close the lab-cock once the drain is complete.
5. Remove the .05 micron filter (*refer to the PB2 Operator Manual for instructions on how to remove the filter*)
6. Attach the false/bypass tube in place of the filter. The connections will only allow it to be installed one way.
7. Turn the water supply to the RO unit ON.
8. Open the lab-cock and allow water to flow until all air is purged. It is advisable to use a small piece of tubing on the nipple of the lab-cock to route the draining water out of the cabinet.
9. Close the lab-cock once all the air is purged.
10. Install the Nephros SSU capsule filter on the product hose coming from the PB2.
11. Install a sample port after the Nephros SSU capsule filter.
12. The unit is now ready to run.