

Replacing the 10" Carbon Block Filter Bowl with Replacement Short Bowl on Portable ROs

TSB 2012005

Created/Last Revised Date
07/17/2012

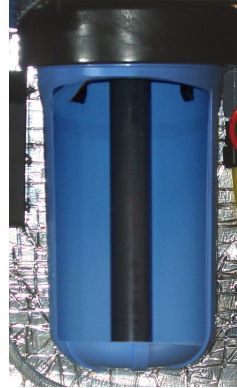
Last Reviewed Date
07/17/2012

Page 1 of 2

TECHNICAL SERVICE BULLETIN

OVERVIEW:

If additional, external Carbon Blocks and/or Carbon Filters are used Better Water's PB1 and PB2 portable ROs, the internal, 10" Carbon Block Filter can be eliminated. A False Cartridge can be used in-place of the filter, inside the standard Filter Bowl.



Cut-Away of a Big Blue False Cartridge inside the standard Filter Bowl of a PB2.



Big Blue False Cartridge
part# SUFFOO00580

An alternative to using the False Cartridge is to use a Replacement Short Bowl, which will reduce the amount of water in the bowl. Again, this can only be done if additional external Carbon and/or Carbon Blocks are used in the pre-treatment of the feed water to the RO unit.



Replacement Short Bowl
part# PLFIS801951

NOTE

PB2s built prior to January 2012 can use either the False Cartridge or the Replacement Short Bowl. PB2s built after January 2012 CANNOT use the false cartridge because it will NOT fit the end-cap of the Big Blue housing, but they can use the Replacement Short Bowl.

CAUTION

The Replacement Short Bowl SHOULD NOT BE USED if there are no additional external Carbon and/or Carbon Blocks are used in the pre-treatment of the feed water to the RO unit. It should only be used if additional Carbon and/or Carbon Blocks are used in the pre-treatment of the feed water to the RO unit.

NOTE ABOUT O-RING:

The replacement bowl uses the same O-Ring as the Standard Filter Bowl. When replacing the Standard Filter Bowl with the Replacement Short Bowl, the existing O-Ring can be used but it is recommended that a new O-Ring be installed. Part number for the Big Blue O-Ring is **SUMIOO00587**.



Big Blue O-Ring
part# SUMIOO00587

Replacing the 10" Carbon Block Filter Bowl with Replacement Short Bowl on Portable ROs

TSB 2012005

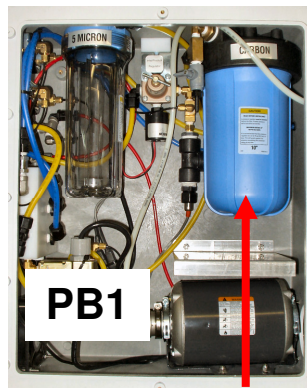
Created/Last Revised Date
07/17/2012

Last Reviewed Date
07/17/2012

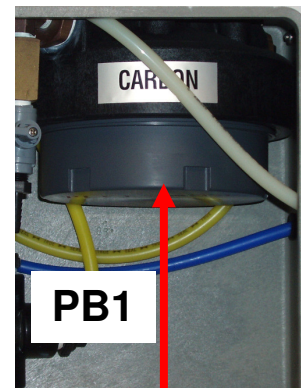
Page 2 of 2

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. Using the Big Blue Filter Wrench remove the Big Blue Filter Bowl.
6. Remove and discard the Carbon Block Filter.
7. Ensure that the new Short Filter Bowl has the O-Ring in place.
8. Install the Short Filter Bowl by threading it into place, and hand-tighten. If necessary use the Big Blue Filter Wrench to tighten. Don't over-tighten.
9. Turn the water supply to the RO unit ON.
10. 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.
11. Close the lab-cock once all the air is purged.
12. The unit is now ready to run.



shown with Big-Blue Carbon Filter Bowl



shown with Replacement Short Bowl

