

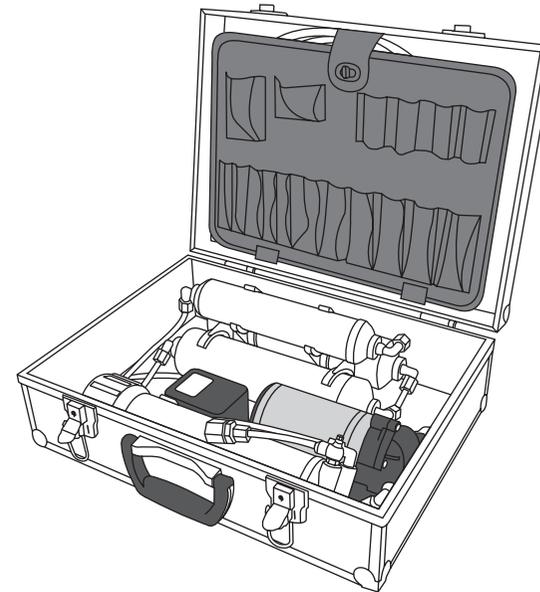
Memo

Type of product	007 DEMO UNIT		
Date of purchase			
Name		Tel	
Address			

REVERSE OSMOSIS SYSTEM

007 DEMO UNIT USER'S MANUAL

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- 02 What is Reverse Osmosis
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Thank you very much for selecting Pure-Pro Water Corp.
In order to bring the best use of your system, please read the user's manual carefully before installation and follow the regulations.

FAQ

Q: How will the Pure-Pro series water affect mixed beverages?

Because reverse osmosis removes invisible contaminants that mask flavor, it allows the natural taste of your beverages to come through. You will be able to use less coffee and still get the full flavor. Concentrated beverages like orange juice will taste tangier. You will probably be drinking a lot more water as well, since many people drink soda, Kool-Aid, concentrated juices, and beer as an alternative to bad-tasting tap water. Also, Pure-Pro eliminates most of the lime build up on drip coffee makers, preventing the need for frequent cleaning. No longer will you find the white scum on the inside of pans after boiling water.

Q: How much water does the Pure-Pro system produce ?

Under ideal conditions, the RE1812-70 TFC membrane is rated at 70gallons of production per day (70gpd at 60psi, 95gpd at 100psi). Under the average conditions, the consumer can expect 70-95 gallons of product water per day. But that's still a lot of water for the average household's drinking and cooking requirements.

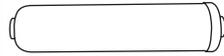
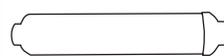
Q: Don't people need minerals removed from the water ?

Most of the minerals that we receive are from the foods we eat. Only a very small percentage comes from the water we drink.

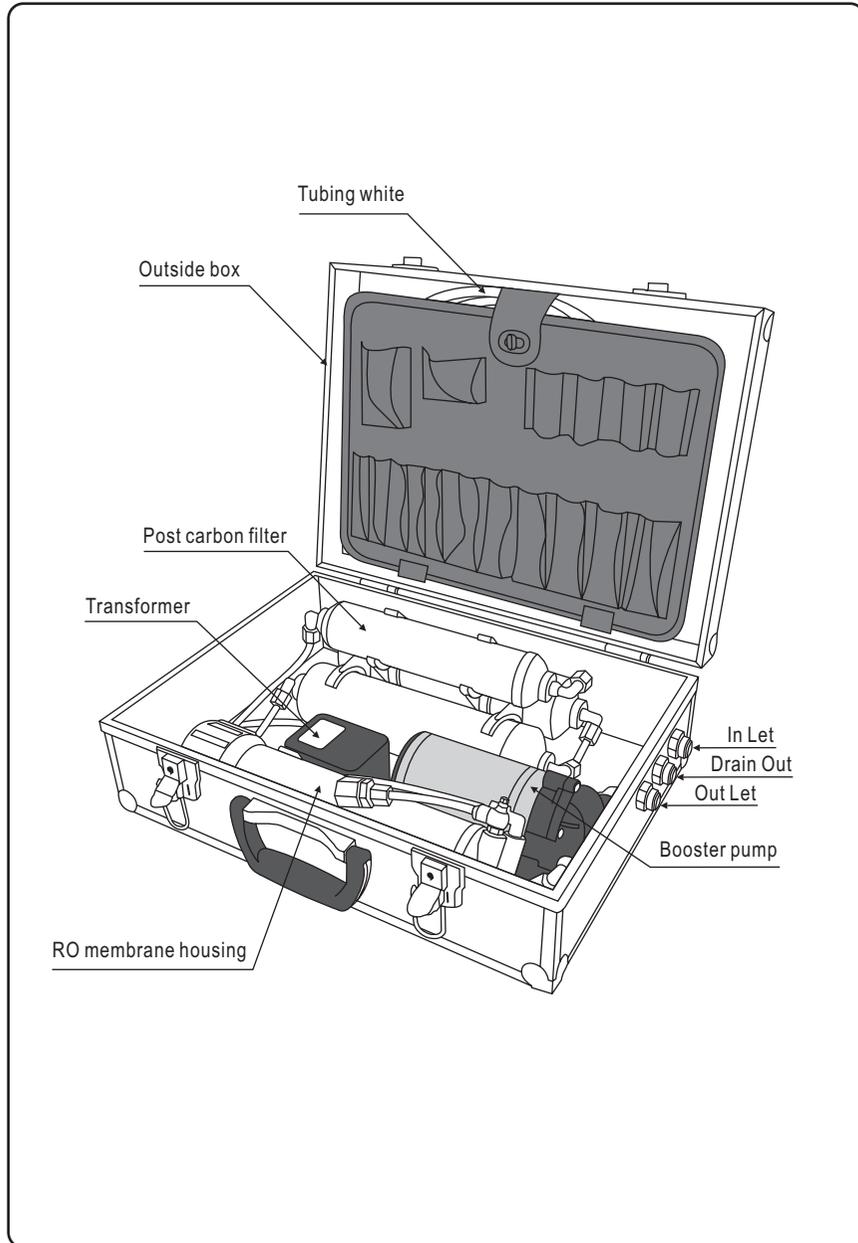
Q: What is the maintenance schedule for the Pure-Pro System ?

The three pre-filter cartridges should be changed every 6 months. The 5 micron sediment cartridge filter is the first one; the second is a carbon cartridge filter, and the third one is a 1 micron sediment filters. (some systems comes with the Extruded carbon filter.) Failure to change the cartridge every 6 months may cause chlorine to destroy the membrane.

Cartridge Filters

Cartridge Filters	Filter Description	Service Life
<p>Stage 1 5 Micron Sediment Filter</p> 	This 5micron sediment filter is made of 100% pure polypropylene fibers. High capacity filter removes dusts, particles and rusts.	6 Months
<p>Stage 2 Block Carbon Filter</p> 	This block carbon filter is composed of high-performance carbon that removes free chlorine, odor, organic contaminants, pesticides and chemicals that contributed to taste and odor.	6 Months
<p>Stage3 TFC Membrane</p> 	Made in USA. High rejection TFC type membrane with the capacity of producing 80 gallons per day. This membrane removes the following hard water contaminants that may be present in your water: lead, cooper, barium, chromium, mercury, sodium, cadmium, fluoride, nitrite, nitrate, and selenium.	4 Years
<p>Stage 4 Post Carbon Filter</p> 	NSF approved. This post carbon filter is designed to improve taste. It removes any residual impurities and odors from the tank and provides a finer conditioning of pure water.	1 Year

The parts of DEMO SUITCASE



007 DEMO SUITCASE RO System

FAQ

Q: What is the guarantee on the Pure-Pro system ?

The Pure-Pro System (excluding filters) is guaranteed for 1 year for material and workmanship. All defective parts will be replaced free within the first year under natural breakdown. The membrane has one year pro-rated guarantee.

Q: What factors affect the quantity and the quality of the water production?

There are four major variables to consider:

1. **Pressure**-The greater the water pressure, the better water quantity and quality it produced. Water pressure of 60 PSI is ideal.
2. **Temperature**-76°F is the ideal water temperature for R.O. 40°F water will cause the production of R.O. water to fall to half of that at 76°F. The maximum water temperature recommended is 85°F.
3. **Total Dissolved Solids (TDS)**-The higher the amount of dissolved contaminants in the water, the lower the quantity of water produced. A high level of TOTAL DISSOLVED SOLIDS can be overcome with additional water pressure.
4. **Membrane**-Different membranes have different characteristics. Some produce more water than others; some have better contaminant rejection capabilities; some have greater resistance to chemical abrasion for longer life. Pure-Pro system includes RE1812-70 The Thin Film Composite (TFC) membranes combine the best of these characteristics and are considered the finest membrane in the world.

Q: Can the Pure-Pro system be connected to an extra faucet?

It only takes a 1/4" tee and tubing to run the water to a refrigerator or an extra faucet. Some families run Pure-Pro system to all of their bathrooms.

Q: What does the Pure-Pro series drinking water taste like?

The taste of the Pure-Pro water depends on the amount of contaminants in the tap water originally. If 95% of dissolved minerals and chemicals are removed, the R.O. water may taste like distilled water (no minerals), bottled water (low mineral), or natural spring water (moderate mineral content).

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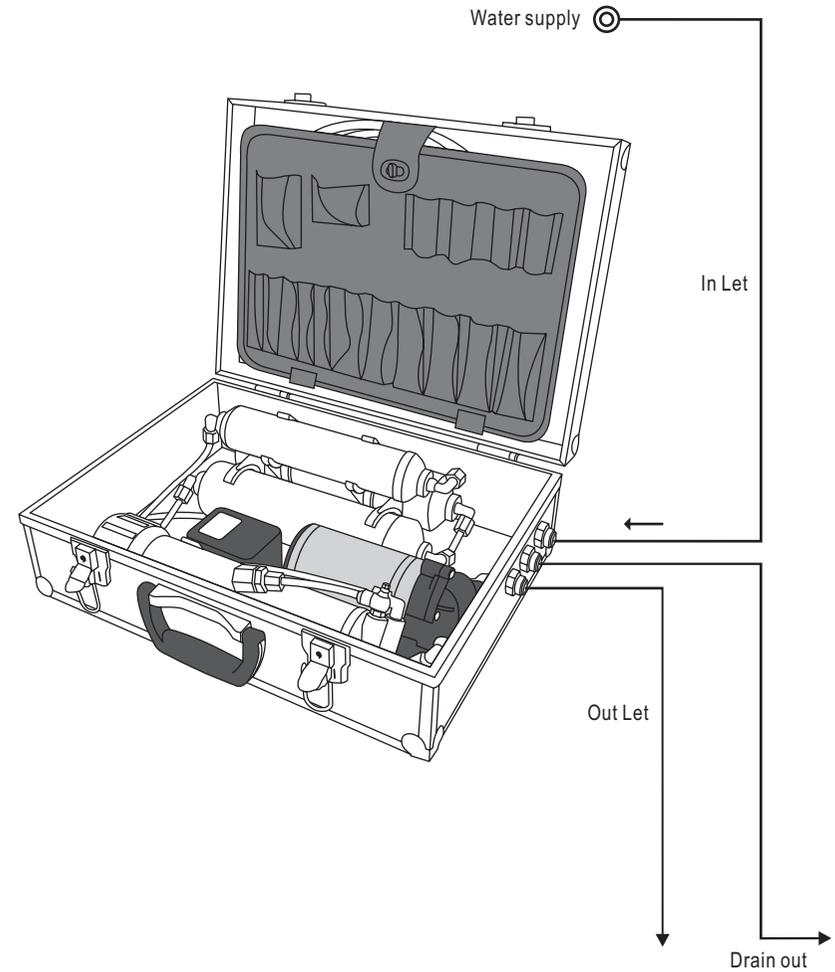
Operation regulation

- A. With everything connected, turn on the water check for leaks.
- B. Let the water run for at least 2 minutes. This flushes the carbon filters on first time use.
- C. Change filters regularly every 6 to 12 months and have the membrane checked annually.

Caution

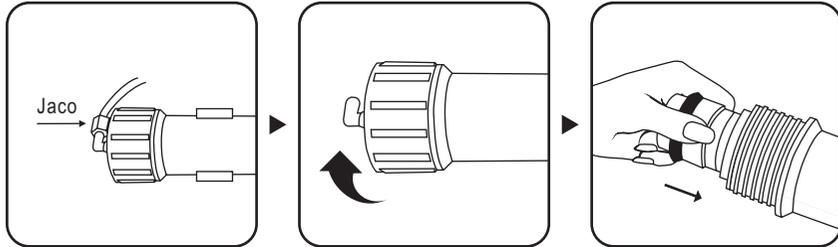
1. Do not use hot water (over 45°C)!
2. Do not freeze the machine!
3. Switch off electricity and water source if away for more than 5 days.

Installation diagram

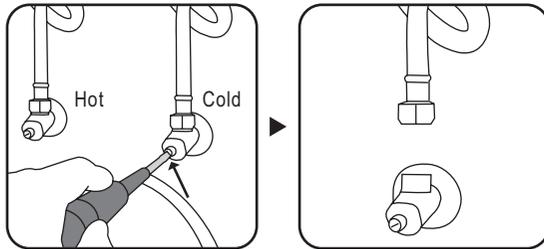


Installation diagram

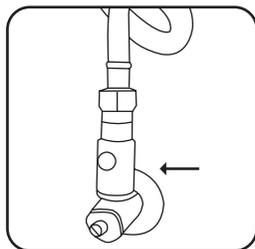
1. Loosen the fitting nuts and the cap from the RO membrane housing as shown in the picture. Unpack the RO membrane and insert to its housing (rubber gasket towards to the open end). When completed, tighten up the cap with the RO membrane housing and the fittings nut.



2. Turn off water supply. Loose the stainless steel pipe connector.

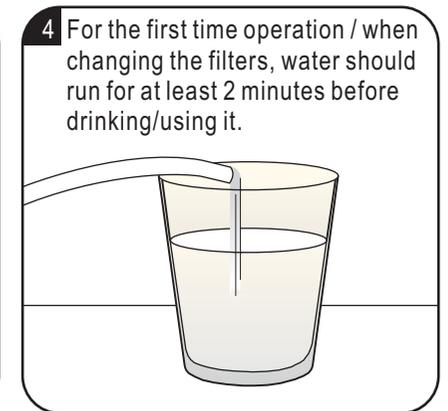
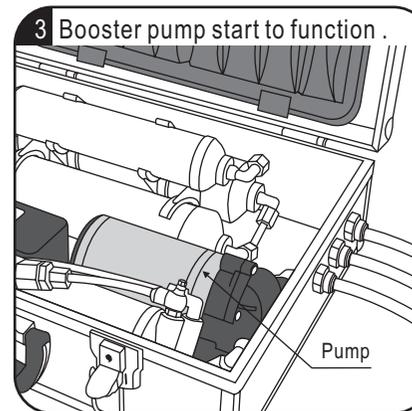
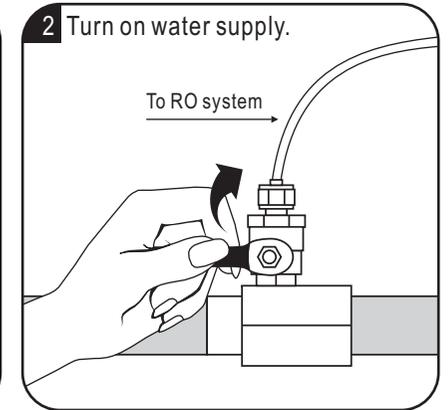
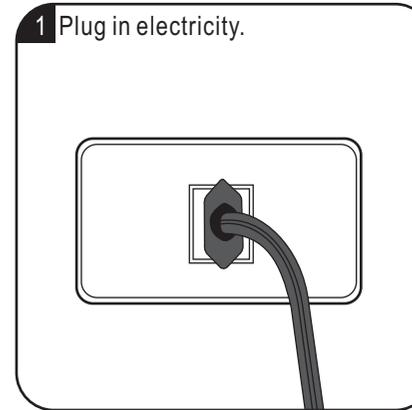


3. Have feed water connector ready and connect it to the stainless steel pipe as in the picture 2.



007 DEMO SUITCASE RO System

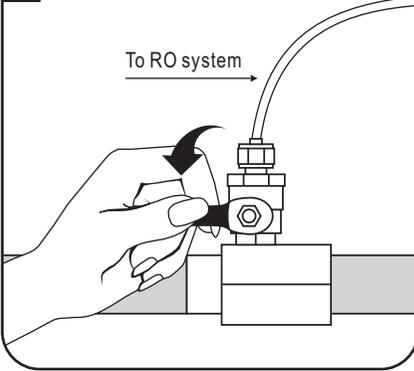
Operation regulation



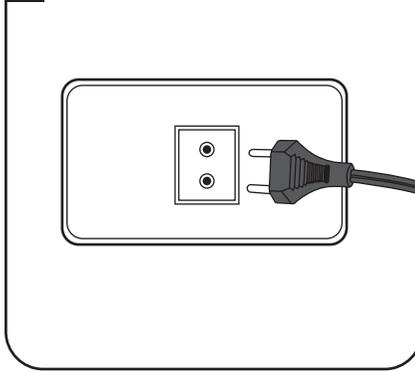
007 DEMO SUITCASE RO System

Change RO membrane

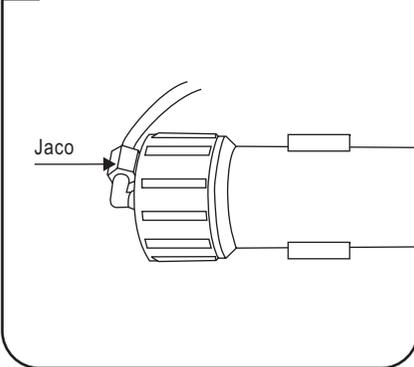
1 Turn off water source.



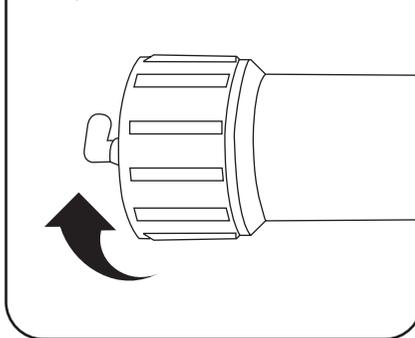
2 Unplug electricity.



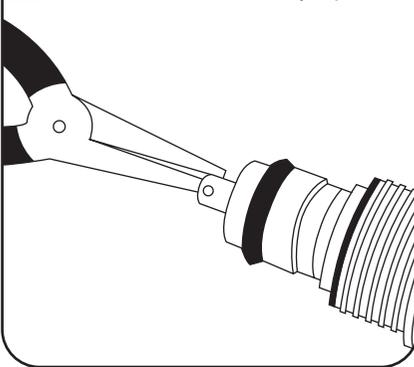
3 Loose the Jaco fitting anticlockwise.



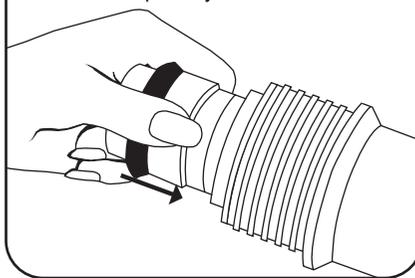
4 Remove the membrane housing cap anticlockwise.



5 Remove the membrane by a pincer.

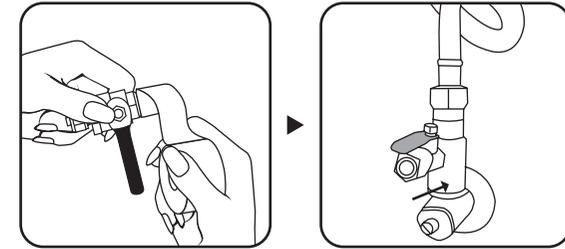


6 Install the membrane by carefully pushing the spigot end into the socket at the far end of the housing until completely in.

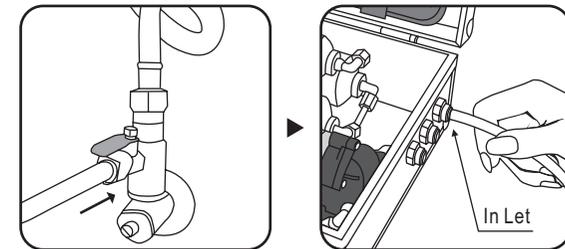


Installation diagram

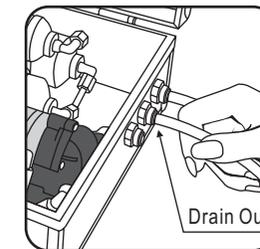
4. Get deliver valve and seal it with Teflon tape for 14 circles. Then connector it with the feed water connector.



5. Get tubing white, connect it with deliver valve and the inlet water (as "In Let" on page 06)

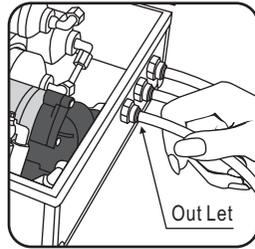


6. Get tubing white, connect it with "Drain Out" on page 06.

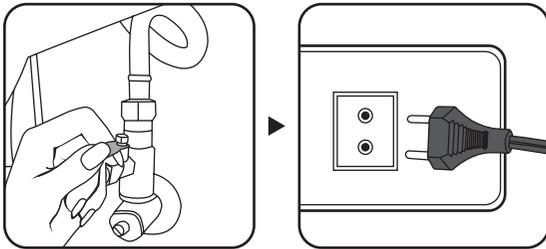


Installation diagram

7. Get tubing white, connect it with "Out Let" on page 06.



8. Make sure that you complete No. 1 to No. 7. If so, turn on water supply and plug in electricity.



PS. Let the system run and make water for 2 minutes before officially use / drink it.

Change filters

