

# Memo

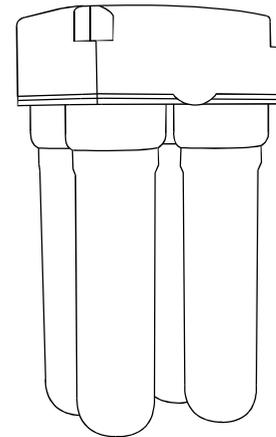
Type of product	ROASIS-P		
Date of purchase			
Name		Tel	
Address			

## REVERSE OSMOSIS SYSTEM

# ROASIS-P

## USER'S MANUAL

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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.



## Operation regulation

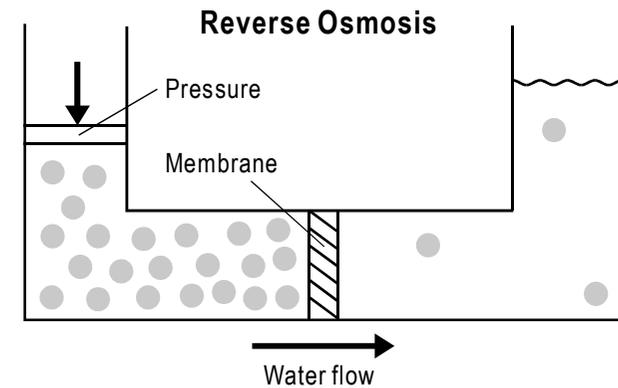
- A. With everything connected, turn on the water check for leaks.
- B. Make sure the storage tank shut-off valve is "OFF". Open the sink top faucet.
- C. Within a few minutes (up to 15) the water will start to run from the faucet slowly.
- D. Let the water run for at least 30 minutes. This flushes the carbon filters on first time use.
- E. After initial flushing, open the shut-off valve on the tank and close the sink top faucet.
- F. Tank will now full of water (usually 2 to 3 hours) after the tank has filled. Open the sink top faucet and drain all water until the storage tank is empty and there is only a small flow from the sink top faucet.\*\*\* DO NOT USE FIRST TANK OF WATER.\*\*\*
- G. Close the sink top faucet. The system is now ready for use.
- H. 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, and drain out pure water.

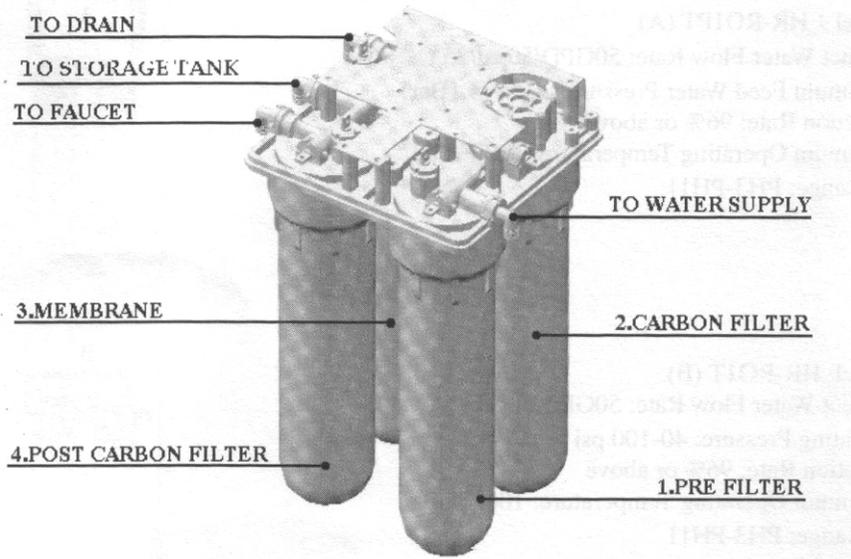
## What is reverse osmosis

Reverse osmosis was originally designed to make sea water drinkable for the navy. It is ideal for anyone on a low sodium diet. An R.O. membrane has a pore size much smaller than bacteria virus, or the cryptosporidium parasite. When functioning properly it will remove all microorganisms from tap water and produce sterile water. Reverse osmosis is the reversal of the natural flow of osmosis. In a water purification system, the goal is not to dilute the salt solution, but to separate the pure water from the salt and other contaminants. When the natural osmotic flow is reversed, water from the salt solution is forced to pass through the membrane in the opposite direction by application of pressure-thus the term REVERSE OSMOSIS. Through this process, we are able to produce pure water by screening out the salts and other contaminants.



# Notes for installation and maintenance

# Products list

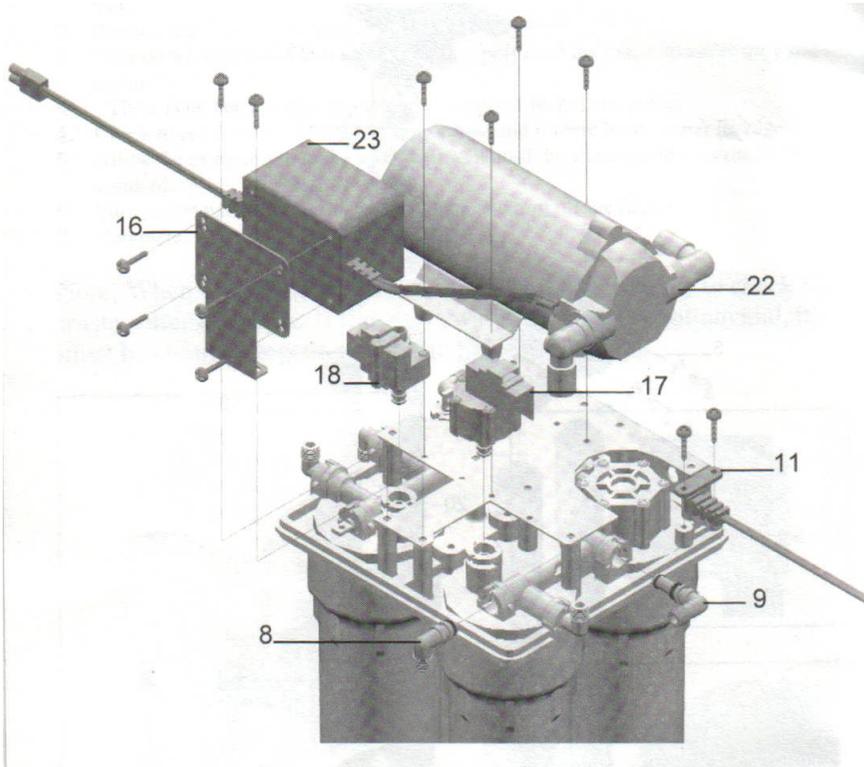


- 1.This system is designed to be used with a pressure tank.
- 2.Before the installation, please make sure that the water pressure matches the voltage.
- 3.After finishing the installation, please make sure that the piping is unhindered, and check to see if the locking pawl on the connector is fixed and the disassembly-proof label is complete. If there is any damage on the disassembly-proof label, please stick on another new one.
- 4.If the locking pawl on the connector has to be dismantled, please shut off the power supply, water supply and the ball valve of the pressure tank first, and then stick a new disassembly-proof label on it after finishing.
- 5.Personnel without authorization must not dismantle or install his machine.

	PIC	DESCRIPTION
1		TOP PLATE I
2		TOP PLATE II
3		FILTER HOUSING
4		PARTS FOR SHUT OFF VALVE
5		FLOW RESTRICTORS
6		TOP PLATE CONNECTION PIPE
7		PLUG
8		RIGHT ANGLE CONNECTOR
9		SEPARATION RIGHT ANGLE CONNECTOR
10		SEMICIRCULAR LOCKING PAWL
11		PRESS PLATE FOR CABLES
12		LARGE TOP COVER
13		SMALL TOP COVER

	PIC	DESCRIPTION
15		BRACKETS
16		TRANSFORMER BRACKETS
17		LOW PRESSURE SWITCH
18		HIGH PRESSURE SWITCH
19		SEDIMENT FILTER
20		GAC CARBON FILTER
21		RO MEMBRANE, 50GPD
22		BOOSTER PUMP
23		TRANSFORMER
24		WATER QUALITY MONITOR, 24V
25		WATER QUALITY MONITOR, 9V

## Products list

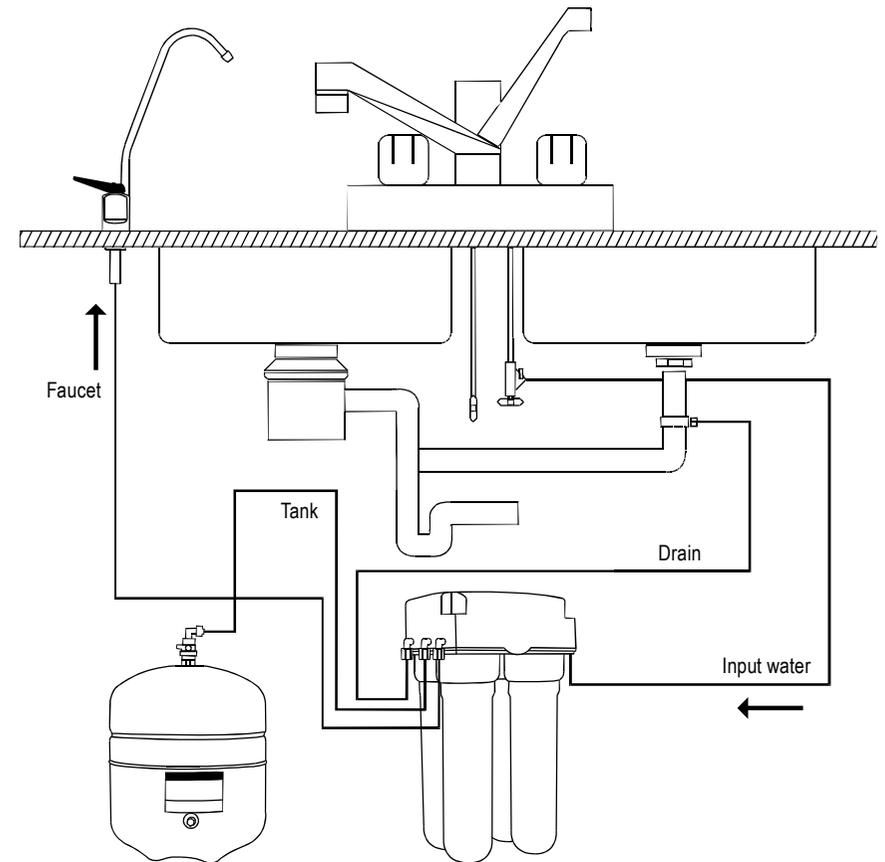


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## Installation descriptions and figures

1. Shut off the water supply on the site, and then install the feed water ball valve and the feed water adaptor.
2. Install the faucet.
3. Install the ball valve of the pressure tank onto the pressure tank.
4. Connect piping and conduct waste water into the drain (see the figure below).
5. Turn on the power supply, water supply and the faucet, and then turn off the ball valve of the pressure tank.
- ☆ There is no pump model without power supply problems.
6. Test of water quality until it reaches the standard, and then turn on the ball valve of the pressure tank and turn off the faucet to complete the installation.



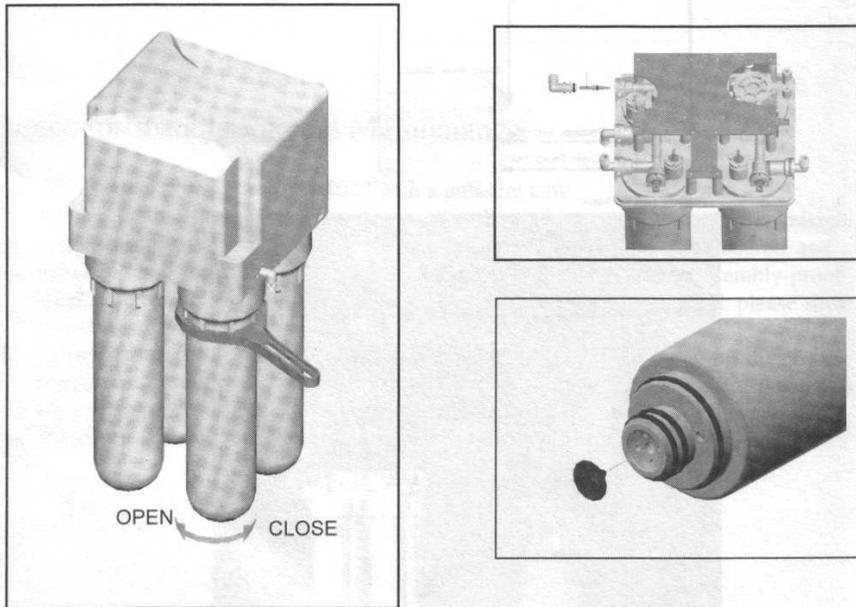
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## Change filters (RO membrane)

1. Turn off the feed water ball valve (power supply) and the ball valve of the pressure tank.
  2. Replace the filter or the RO membrane.
  3. Turn on the feed water ball valve (power supply) and the faucet to allow the main unit to run.
- ☆ There is no need to turn on the power supply if there is no pump.
4. Check to see if the installation is appropriate and if there is any water leakage.
  5. Allow the main unit to make water and wait until the water quality restores to the standard.
  6. Turn on the ball valve of the pressure tank and turn off the faucet.
  7. Complete.

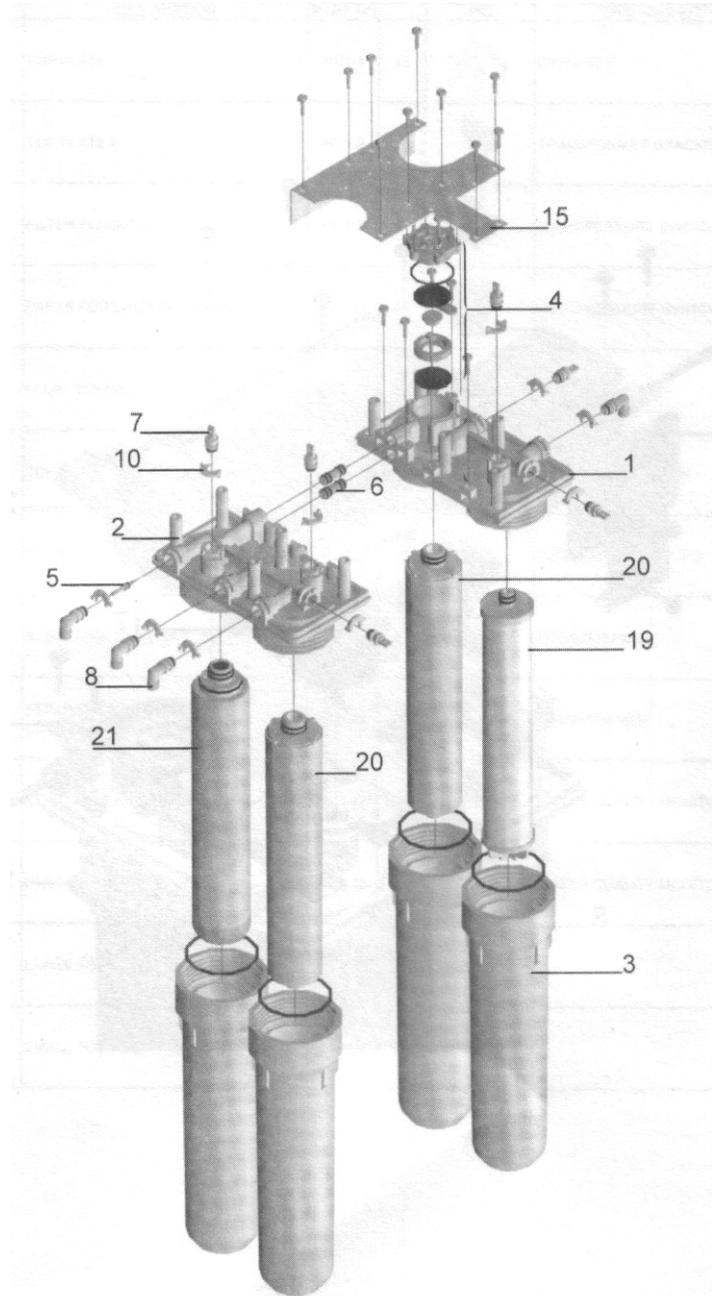
Note: When replacing the RO membrane, it is necessary to check the waste water flow rate. If the waste water flow rate is not normal, it must be changed together with the Flow Restrictors.



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## Products list



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