

PRODUCT SPECIFICATION

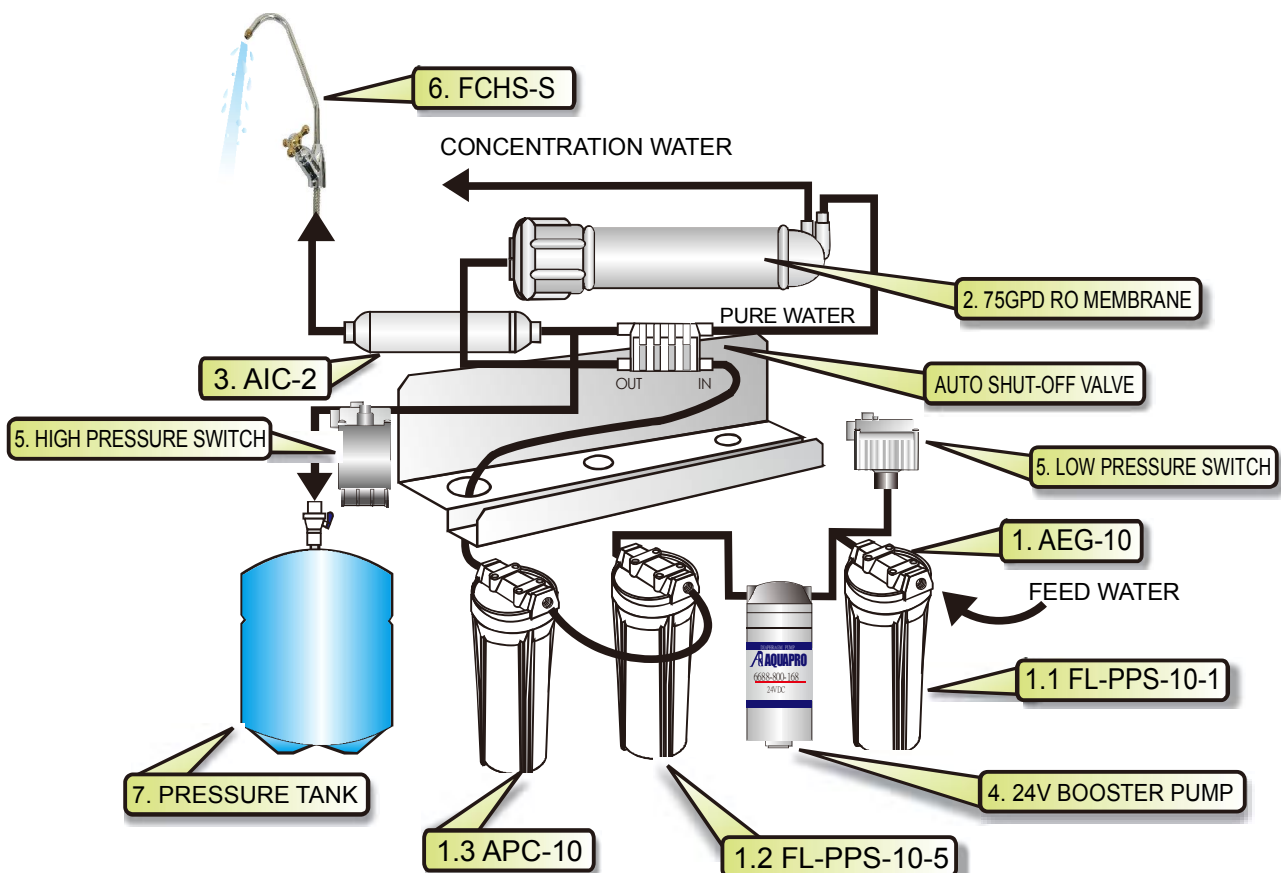
ITEM CODE: AP-550W-S



DESCRIPTION : 5 STAGE RO SYSTEM WITH PUMP

MAIN PARTS LIST :

- | | |
|--------------------------------------|-----------------------------------|
| 1. AEG-10 Filter Housings | 3. AIC-2 NSF INLINE GAC Filter |
| 1.1 FL-PPS-10 NSF 1u Sediment Filter | 4. 24V Booster Pump + Transformer |
| 1.2 FL-PPS-10 NSF 5u Sediment Filter | 5. HIGH & LOW PRESSURE SWITCH |
| 1.3 APC-10 Carbon Block Filter | 6. FCHS-S FAUCET |
| 2. 75 GPD RO MEMBRANE | 7. 3.6GAL. NSF PRESSURE TANK |



PRODUCT OPERATION

First time operation

- (1) Plug in the power supply. Allow several minutes for the system to flush and fill.
- (2) Do not drink the first tank of water. About one to two hours after the system started, turn on the faucet and drain completely the first tank of water.

When abnormal conditions occur

- (1) Shut off the system
Unplug power supply first, then turn off feed water adapter valve
- (2) Call authorized service center or distributor. Before calling, please try your best to determine exactly the problem you have encountered by referring to the "Troubleshooting" section.

Away from home

- (1) If you know you are not using the system for more than two weeks, shut off the system and drain the stored water.
- (2) Turn off feed water adapter valve.

Restarting the system

- (1) Turn on the feed water adapter valve.
- (2) Plug in the power supply.

Changing the filter cartridges

If you are not familiar with the appliance, please call your local service center or distributor for servicing.

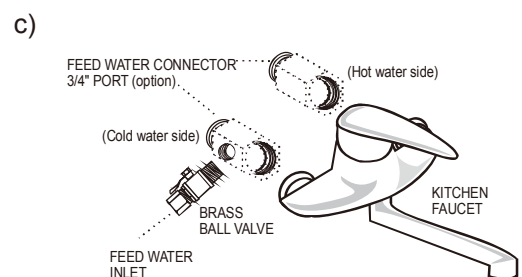
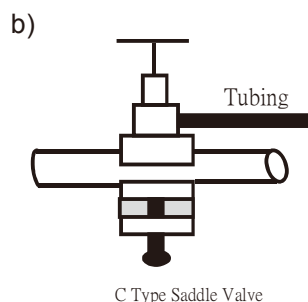
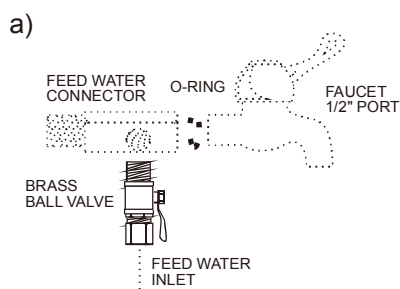
- (1) Follow the proper procedure to shut off the system.
- (2) Use a housing wrench to open the housing. Make sure the Appliance always stands upright during filter changes.
- (3) Replace the correct cartridge, and tape the thread with Teflon type. Make sure the flow direction before changing filter.

PRODUCT INSTALLATION

Different installation method is used depending on the type of water supply piping arrangement in your home.

(A) Undersink supply piping arrangement

- (1) Turn off cold water valve or the main valve.
- (2) Loosen nut at the top of riser.
- (3) Install the feed water adapter valve.
- (4) Reconnect the nut with cone washers to the feed water adapter.
- (5) Connect 1/4" (or 3/8") tubing to the feed water adapter valve, using compression nut, plastic sleeve and insert.



(B) Wall mount mixer or faucet(option)

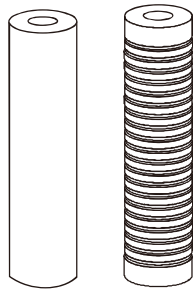
- (1) Turn off water main valve. Remove the faucet.
- (2) Install feed water adapter valve on the cold water side only.
- (3) Install the extension piece on the hot water side.
- (4) Reinstall the faucet.

PRODUCT MAINTENANCE

The replacement of filter cartridges depends greatly on the quality and condition of the water in your area. Use common sense and good judgment to determine the replacement time. To ensure that your reverse osmosis drinking water appliance performs at its maximum capacity please follow the installation instructions and maintenance.

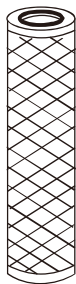
Cartridge

Recommended replacement frequency



Sediment filters

Replace every three months or as often as needed.



Carbon prefilter

Replacement depends on the water usage and chlorine concentration in your area.

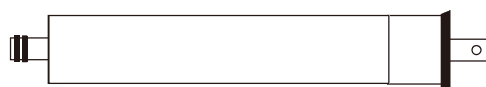
As a general rule, if the chlorine concentration is less than 0.2 ppm use the following equation to calculate the replacement frequency (RF)

$$\frac{6000(\text{gallons}) \times 0.15}{\text{usage per person per day (gallons/day)} \times \text{number of person in household}} = (\text{RF})$$



In-line carbon post filter cartridge

Replace every 2,500 gallons.



Membrane element

Replace when persistent high TDS value exist.

Membrane fouled, hydrolyzed, ruptured or attached by bacteria.

Feed water tubing

Replace once every year to maintain clean water supply.