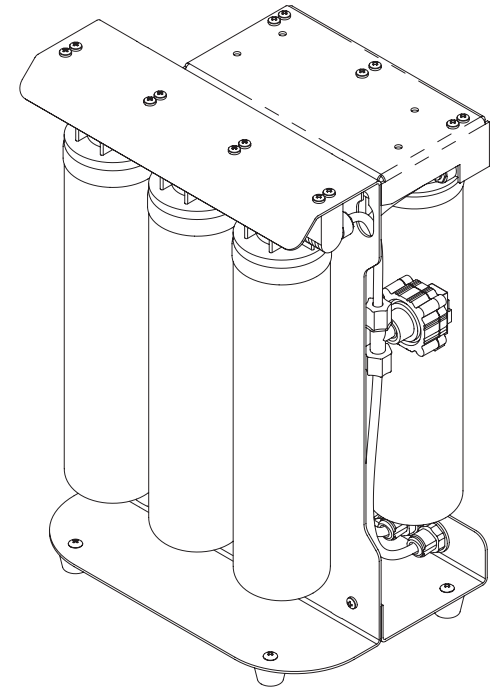




RW5Q

Reverse Osmosis System

MANUAL



Study This Manual Before Using

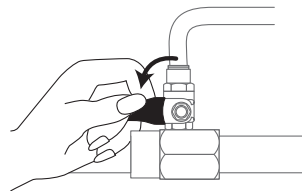
Trouble Shooting Chart

- Check out before requesting help and reporting product failure.
- Before calling customer's support, check the following and if you still need help, please contact customer support.

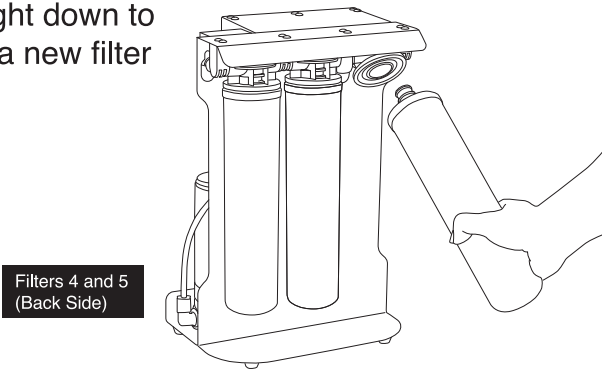
Symptoms	Causes	Measures to Be Taken
RO system does not work	Tap / Feed water is suspended	Turn off the inlet ball valve until water is supplied normally.
	No power supply	Turn off the inlet ball valve and unplug the power until power is supplied normally.
	Other reasons	Turn off the inlet ball valve and unplug the power, please contact with your dealer or customer support.
Water is leaking	Fittings are loose	Turn off the inlet ball valve and unplug the power. Lock the loose fitting tightly.
	Leaking from booster pump	Turn off the inlet ball valve and unplug the power. Don't try to open the booster pump, please contact with your dealer or customer support.
Produce pure water slowly	Filters are clogged with dirt	Turn off the inlet ball valve and unplug the power, please contact with your dealer or customer support.
Drain water or booster pump can't stop	Solenoid valve or high-pressure switch are damage	Turn off the inlet ball valve and unplug the power, please contact with your dealer or customer support.

How To Replace Filter

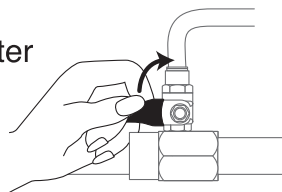
1. Turn off the inlet ball valve to shut off the inlet water.



2. Twist the filter to the left (counterclockwise) and pull filter straight down to take it out. Put on a new filter and twist it right.



3. Turn on the inlet ball valve to let the water go into system and produce pure water.



4. Turn off the tank ball valve when you replace the 4th stage and 5th stage filter. Open the faucet and drain the first tank water. The first tank water will flush new filters. After tank is empty, then turn off faucet. The next tank is safe for drink.

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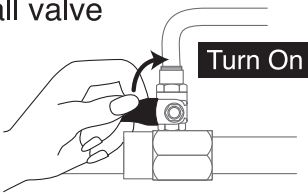
Product Description

Model/Name	RW5Q
Produce	Standard:50GPD (75GPD or 100GPD is available)
Filter Type	Quick-change filter (includes RO membrane)
RO Membrane	Quick-change, TFC membrane
Faucet	Drinking faucet
Tank	NSF approved storage tank
Voltage	100V~240V AC
Size	90(H)mm x 260(W)mm x 200(D)mm
Weight	Around 8kg / 7kg(without pump type)

- The characteristic of RW5Q
- 1.Easy and Quick-Change Filter Replacement.
 - 2.Adoption DC 24V for Safety
 - 3.Easy installation
 - 4.No tool requirement

Installation Instructions

3.Plug on the power and turn on the inlet ball valve as the picture shows below. The water will start to go into the system. Please check any sign of leakage on all tubing connections.



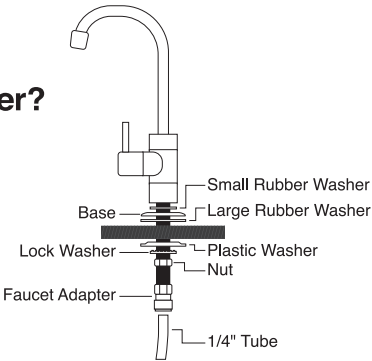
4.Turn off the tank ball valve is “OFF”, then open the faucet. Within a few minutes the water will start to run from the faucet slowly. Let the water run for at least 30 minutes. The flushes the carbon filters on first time use.

5.After initial flushing, open the tank ball valve on the tank and close the faucet. Now the pure water will go into the tank. The booster pump will stop when tank is full of water.

6.Open the faucet and drain all water until the tank is empty and there is only a small flow from the faucet. **DO NOT USE THE FIRST WATER TANK!** The next tank is safe for drink.

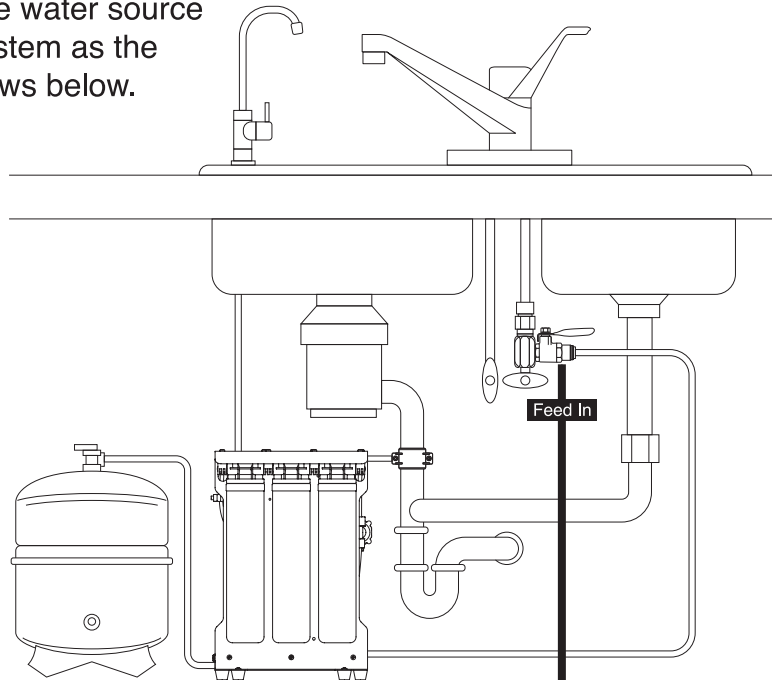
How to install the faucet on the counter?

Drill a 11mm hole, and install faucet as the left side of below picture.

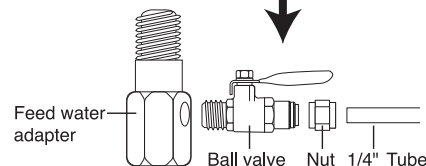


Installation Instructions

1. Connect the water source with the system as the picture shows below.



2. Turn off the water source, and connect Feed water adapter \ Ball valve \ Nut and 1/4" Tube as the picture shows below.



Precautions For Safe Use

IMPORTANT: Read the instructions carefully prior to installation

- ★ After reading, please keep it in a place where anyone can see at any time.
- ★ Appearance may be subject to change without notice in order to improve the quality of a product.

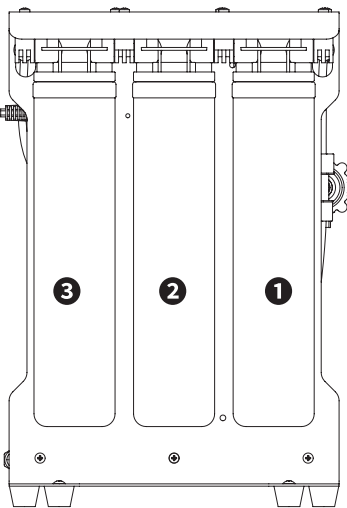
WARNING : In the event that serious injury or death may occur in violation of instructions given.

1. Do not attempt to disassemble or operate the device on your own.
2. Do not damage product. It may cause injury or product damaged.
3. For residential and light commercial use only. Don't use this appliance for other 'intended use.
4. Check with your state and local public works department for plumbing and sanitation code.
5. Do not install where the temperature and humidity are high.
6. Do not place anything on the top of system.
7. Connect only to an ambient water supply
8. Make sure not exceed 3 meters water tubing hose from water supply.
9. The device is not to be used by people (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
10. Children being supervised not to play with the device.
11. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified people in order to avoid a hazard.

CAUTION : In the event that minor injury or product damage in violation of instructions given.

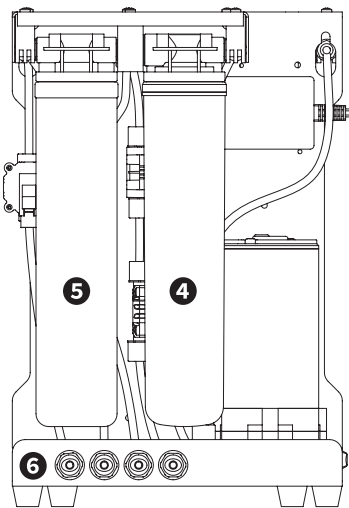
1. Do not wipe with thinners, benzene, alcohol etc.
2. Please use it in a safe place with no slope.
3. Do not connect to hot water pipe and cold water pipe, only ambient water tap line.
4. Connect only to an ambient water supply
5. Do not move system when operating.
6. Avoid installing the unit where it could be exploded to water or moisture, other heating system.
7. Make sure the system is plugged into 100-240V AC outlet.
8. If the main body falls in the water or water leak from inside of cabinet, immediately disconnect the plug and then take it out of water.
9. When the system is not in use for a long period of time, please unplug the power supply of the unit and turn off inlet ball valve.
10. Make sure filter replacement time and use only factory authorized filters.
11. If the system has not been used for long time, run out the first tank water to flush the filter. The next tank is safe for drink.
12. Filter should be replaced on schedule and do not change filter set position arbitrarily.

Name Of Each Part Of Unit



Front Side

- 1 Pre-filter (PP filter)
- 2 Pre-filter (GAC filter)
- 3 Pre-filter (CTO filter)



Back Side

- 4 RO membrane
- 5 Post carbon filter
- 6 Connect with tube
(Inlet /Drain/ Faucet/ Pressure tank)

Your Reverse Osmosis System has been tested to ensure it will operate correctly. The following periodic maintenance is recommended.

Filter	Function	Service Life
1 st PP filter	Remove dirt, sand, silt and rusts	3 months
2 nd GAC filter	Remove chemical, chlorine, odor and THMs	6 months
3 rd CTO filter	Remove chemical, chlorine, odor and THMs	6 months
4 th RO membrane	Remove heavy metal, bacterial & harmful organic chemicals	75ppm or 36months
5 th Post Carbon filter	Remove odor and improve drinking water taste	12 months

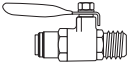
IMPORTANT : When the system is not in use for a long period of time, please unplug the power supply of the unit and turn off inlet ball valve.

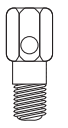
Notice Before Installation

Please check the components received against your packing slip to make sure you have all the parts.

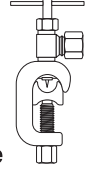
*Package content


STANDARD

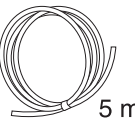

① 1/4" Inlet ball valve

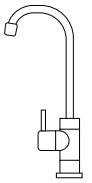

② Feed water adapter

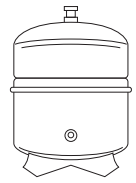
or


③ 1/4" C type needle valve


④ Stem elbow x4


⑤ Tubing 1/4" 5 meter


⑥ Faucet


⑦ Pressure tank

Please check the feed water sources.

※ Do not use the system on microbiologically unsafe drinking water.

NOTICE

- 1.Do not use cold or hot water (only to an ambient water) as this may damage the system.
- 2.Please be sure to turn off inlet ball valve when connecting water supply.
- 3.Check the tubing line is all straight position.
- 4.Do not operate system before finishing installation work.
- 5.Do not install it where the temperature and humidity are high. Keep it in a place it may not be adversely affected by temperature, sunlight, dust, salt, sulfur content etc.