



Pro Elite 1



STUDY THIS MANUAL BEFORE USING

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Product description

Model/Name	RO-302A /RO-302B
Produce	Standard:50GPD (75GPD or 100GPD is available)
Filter type	Quick-change filter (includes RO membrane)
RO membrane	Quick-change, TFC membrane
Faucet	Ceramic stem faucet
Tank	NSF approved storage tank, 3.2gallons
Pump	DC24V for 50GPD
Voltage	100V-240V AC
Size	390(H)mm x 150(W)mm x 410(L)mm
Weight	Around 8 Kgs

The characteristic of 302A/302B

- 1. 24 Hours water quality detect, auto water quality remind.**
- 2. Easy and Quick-Change Filter Replacement, auto notice filters replacing time.**
- 3. Auto detect leaking (beeping sound, water and electricity shut off)**
- 4. Adoption DC 24V for Safety**

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.

- ◆ Don't attempt to disassemble or operate the device on your own.
- ◆ Don't damage product. Doing so may causes injury or product damage.

◆ Precautions for safe use

- ◆ For residential and light commercial use only. Don't use this appliance for other than the intended use.
- ◆ Check with your state and local public works department for plumbing and sanitation code.
- ◆ Don't install where the temperature and humidity are high.
- ◆ Don't place anything on the top of system.
- ◆ **Connect only to an ambient water supply**
- ◆ **Make sure not exceed 3 meters water tubing hose from water supply.**
- ◆ 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.
- ◆ Children being supervised not to play with the device.
- ◆ 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.

- ◆ Don't wipe with thinners, benzene, alcohol etc.
- ◆ Please use it in a safe place with no slope.
- ◆ Don't connect to hot water pipe and cold water pipe, only ambient water tap line.
- ◆ Don't move system when operating.
- ◆ Avoid installing the unit where it could be exploded to water or moisture, other heating system.
- ◆ Make sure the system is plugged into a live 100-240V AC outlet.
- ◆ 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.
- ◆ **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.**
- ◆ Make sure filter replacement time and use only factory authorized filters.
- ◆ **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.**
- ◆ Filter should be replaced on schedule and do not change filter set position arbitrarily.

Name of each part of system

● Right side (Open black cover)

● Left side (Open white cover)



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

- ④ RO membrane
- ⑤ Post carbon filter
- ⑥ Leaking detect

Your Reverse Osmosis System has been tested to ensure it will operate correctly. The following periodic maintenance is recommended so your system will provide years of trouble.

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

Name of each part of system

● Front side



- ① Knob Switch (Countertop)
- ② Water outlet (Countertop)
- ③ Drip Tray

● Back side

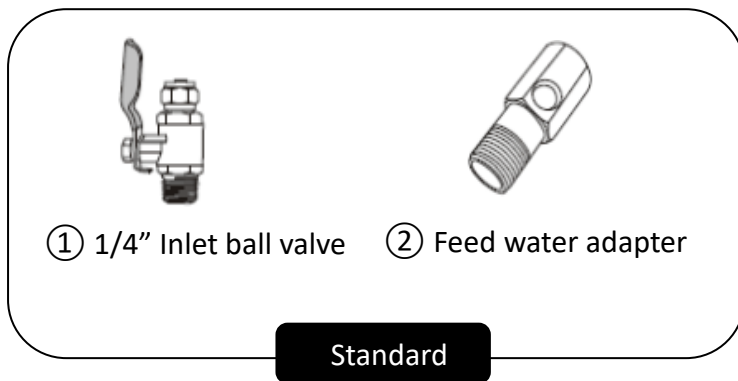


- ④ Connecting
Power/Faucet(Undersink)/Tank/Drain/Inlet

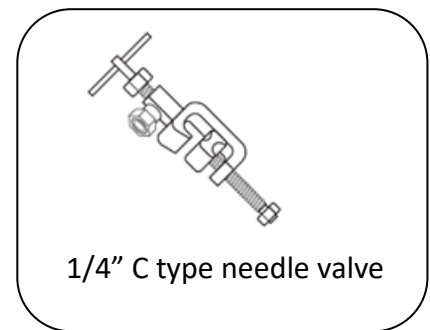
Notice before installation

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

*Package content



or



Please check the feed water sources.

◆ Do not use the system on microbiologically unsafe drinking water

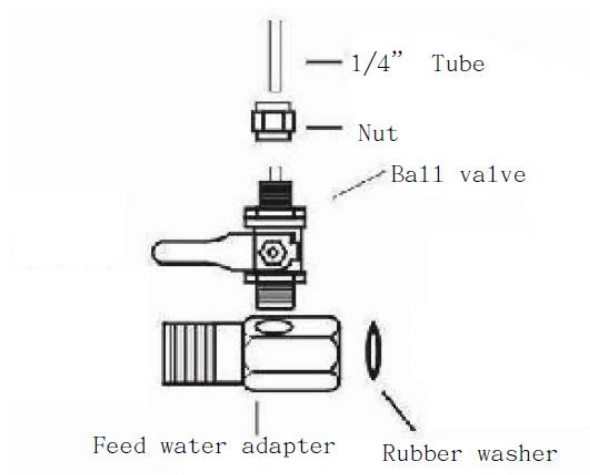
Notice:

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.

Installation instructions

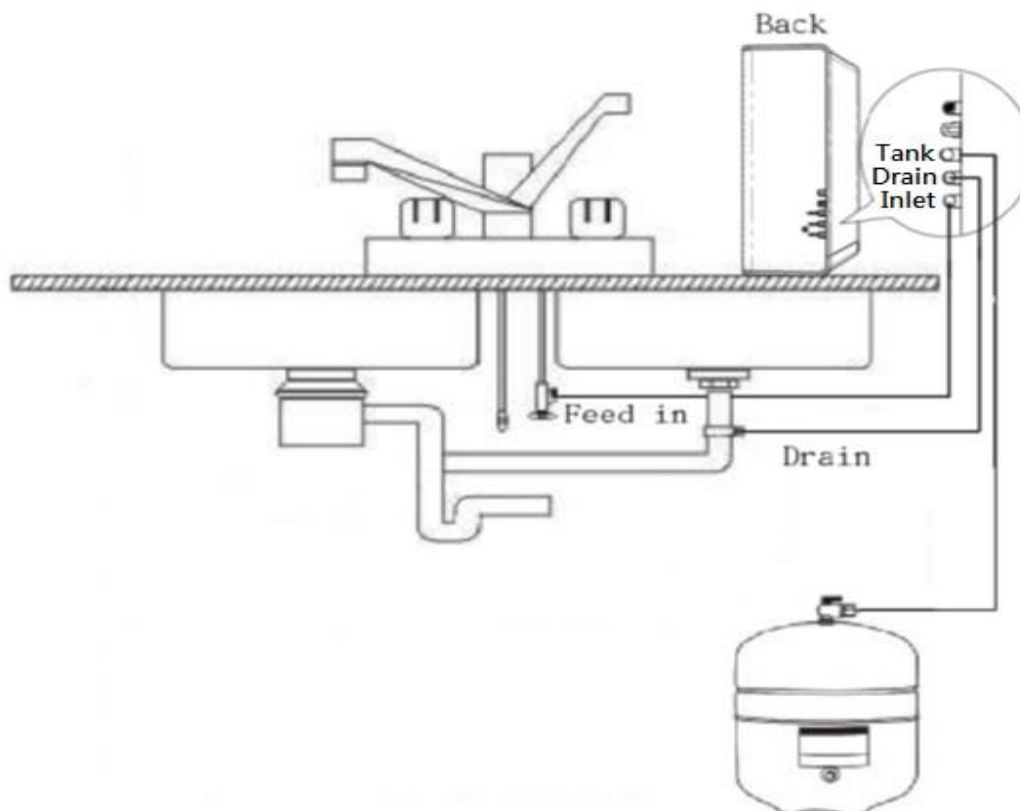
Step 1.

Turn off the water source, and connect contents ① ② ④ as the picture shows below.



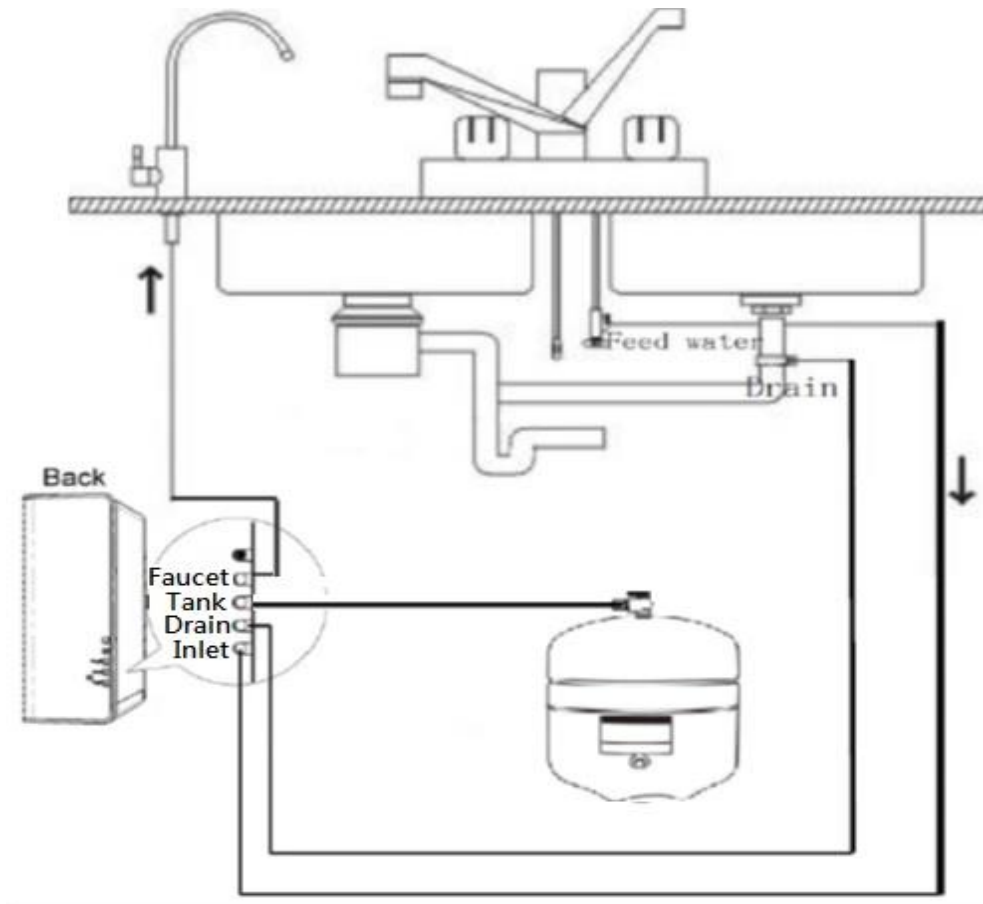
Step 2.

For **COUNTERTOP** type, connect the water source with the system as the picture shows below.



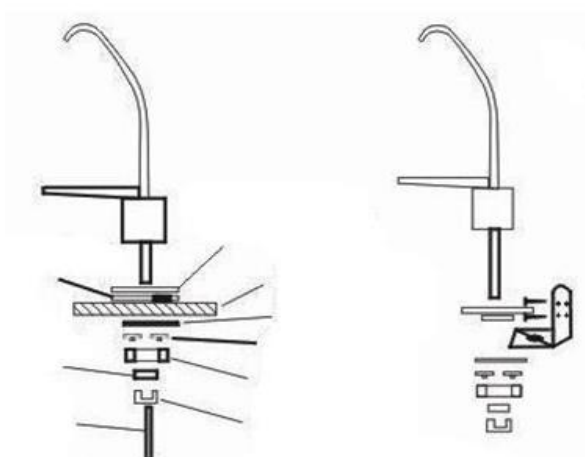
Installation instructions

For **UNDERSINK** type, connect the water source with the system as the picture shows below.



****How to install the faucet on the counter****

Drill a 11mm hole, and install faucet as the left side of below picture.
If you would like to hang the faucet on the wall, see the right side.

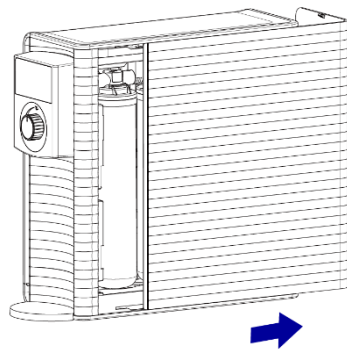


Faucet appearance for reference only

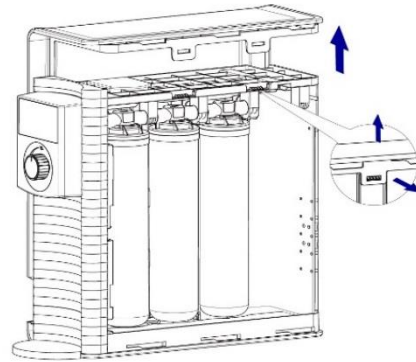
Installation instructions

Step 3.

Slide the right-side panel to open side cover, and remove the left-side panel as below picture.



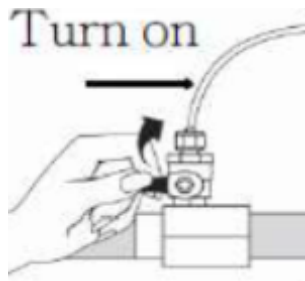
(Right-side)



(Left-side)

Step 4.

Turn on the inlet ball valve as the picture shows below. The water will start to go into the system.



Step 5.

Please plug on the power, the system will automatically flush for 2 minutes. After that, pump start working to produce pure water. Please check any sign of leakage for all tubing connections.

Installation instructions

Step 6.

After 2 minutes of flush, open the faucet/knob switch. Within a few minutes the water will start to run from the faucet slowly. (This is for making sure the pure water can be produced smoothly)



Tank valve turn off

Step 7.

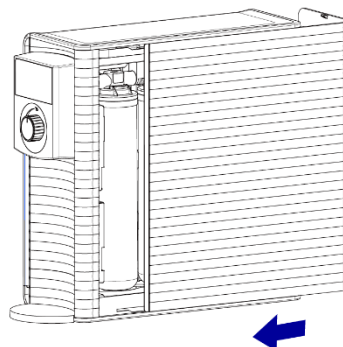
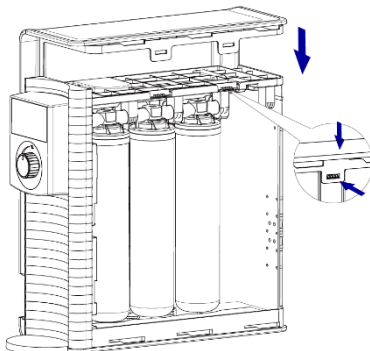
Then, open the pressure tank ball valve and close the faucet/knob switch. Now the pure water will go into the tank directly. The booster pump will stop when tank is full of water. (Need about 1hour)



Tank ball valve turn on

Step 8.

Close the left side cover firstly, and then align the right cover with the groove of the body and slide it forward.



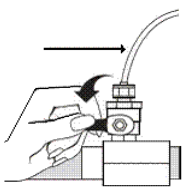
Installation instructions

Step 9.

When the tank is full, please 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.

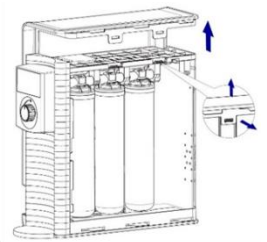
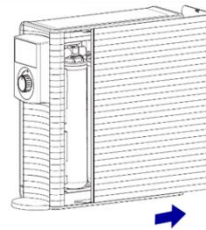
How to replace new filter

- ① Turn off the inlet ball valve to cut off the inlet water. And close the pressure tank ball valve, too.

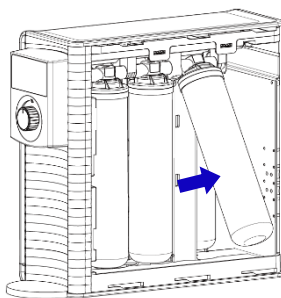


Tank ball valve "OFF"

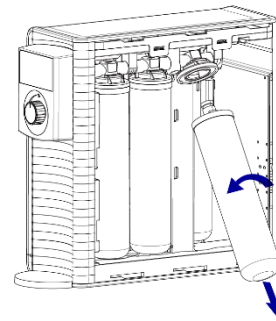
- ② Slide the right-side panel to open side cover, and remove the left-side panel as below picture.



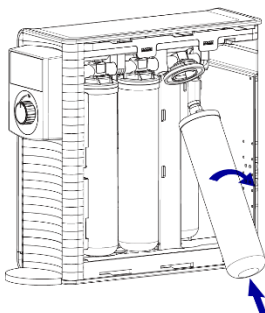
- ③ Raise the used filter up as below picture show.



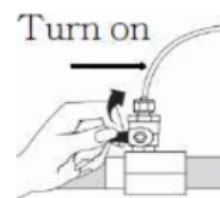
- ④ Turn the filter to the left (counterclockwise) and pull filter straight down to take it out.



- ⑤ Put on a new filter and turn right.



- ⑥ Turn on the inlet ball valve. The water will start to go into the system. Please check any sign of leakage for all connections.



How to replace new filter

- ⑦ Then press the “ZERO” button for 2 seconds to reset the time of the filters.



- ⑧ After press the “ZERO” button, the system will automatically flush for 2 minutes.

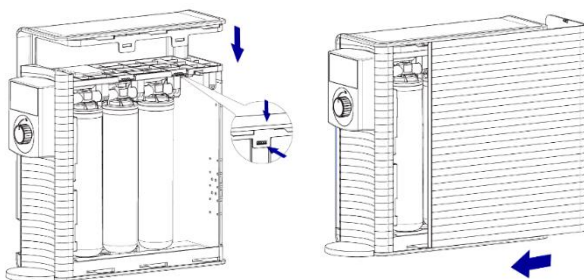
- ⑨ After flushing, open the faucet/knob switch. Within a few minutes the water will start to run from the faucet slowly. (This is for making sure the pure water can be produced smoothly)

- ⑩ Close the faucet and turn on the pressure tank valve. Now the pure water will go into the tank directly.



Pressure tank valve “ON”

- ⑨ Close the left side cover firstly, and then align the right cover with the groove of the body and slide it forward.



- ⑩

Only For Filters 4th and 5th

When the tank is full, please 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.

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	No Tap/Feed water source	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.
	The pressure in tank is not enough	
Drain water or booster pump can't stop	Solenoid valve or high-pressure switch are damaged	Turn off the inlet ball valve and unplug the power, please contact with your dealer or customer support.