

Instructions Manual

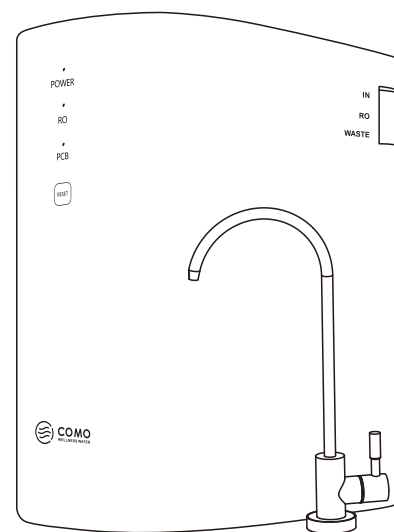
Read and save these instruction



Let you experience the journey of pure water.

Tankless Reverse Osmosis System

Model: CM-R700



info@waterdoctor.ca



<https://www.waterdoctor.ca/como-support/>

Contents

Warning:

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- The appliance is only to be used with the unit provided.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

Disposal



Dispose of the packaging material in an environmentally friendly manner so that it can be recycled.



Do not dispose of the device as normal domestic waste, but rather in an environmentally friendly manner via an officially approved waste disposal company.

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Installation Instructions

Before Installation

Inspect the Package

Open the box and take out the system housing, all the components and connect fittings. Inspect them according to the parts list to ensure nothing is left out or damaged during shipping. If there are any parts cracked or broken, please do not proceed with the installation and contact Water Doctor by Email: info@waterdoctor.ca. Identify and get familiar with all components for quick installation.

Required Tools

- Variable speed drill
- Drill bit: 1/4" (for drainpipe), 1" (for faucet hole)
- Adjustable wrench, pliers
- Screwdriver
- Utility knife or scissors
- Flashlight
- Towel

Specifications

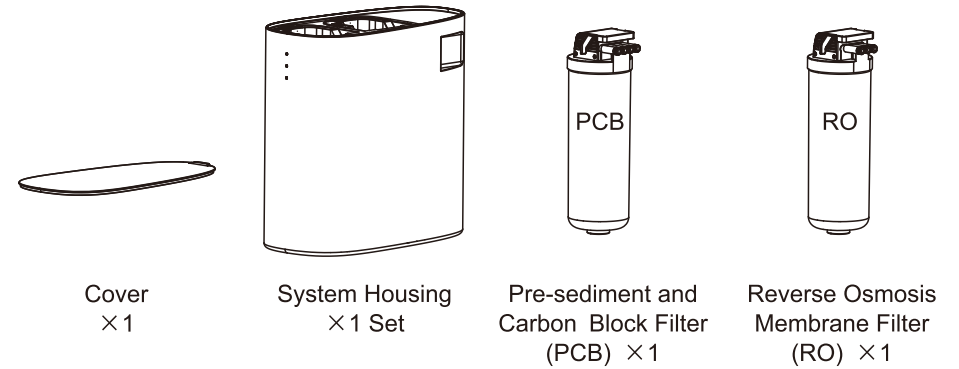
To achieve the optimal performance, it is highly recommended to use the system within the operational parameters.

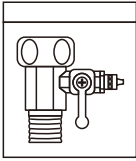
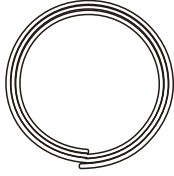

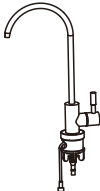
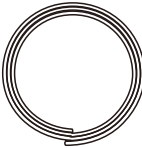


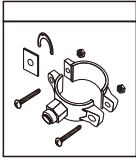
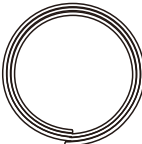


Model	CM-R700
RO System Size(L*W*H)	15.3"*7.5"*14.7"
Feed Water Pressure	14.5-87 psi / 0.1 -0.4 MPa
Feed Water Temperature	41-100 °F / 5-38 °C
Feed Water Requirement	Municipal Tap Water
Max Daily Production Rate	700 GPD
Power Specification	Input 110-240V AC, 4A
Rated frequency	60HZ

NOTE:

- The daily production rate is measured under 35 psi dynamic feed water pressure and 25°C water temperature.
- If you are using well water as the source, please ensure that the feed water has been through a pre-filtration system.

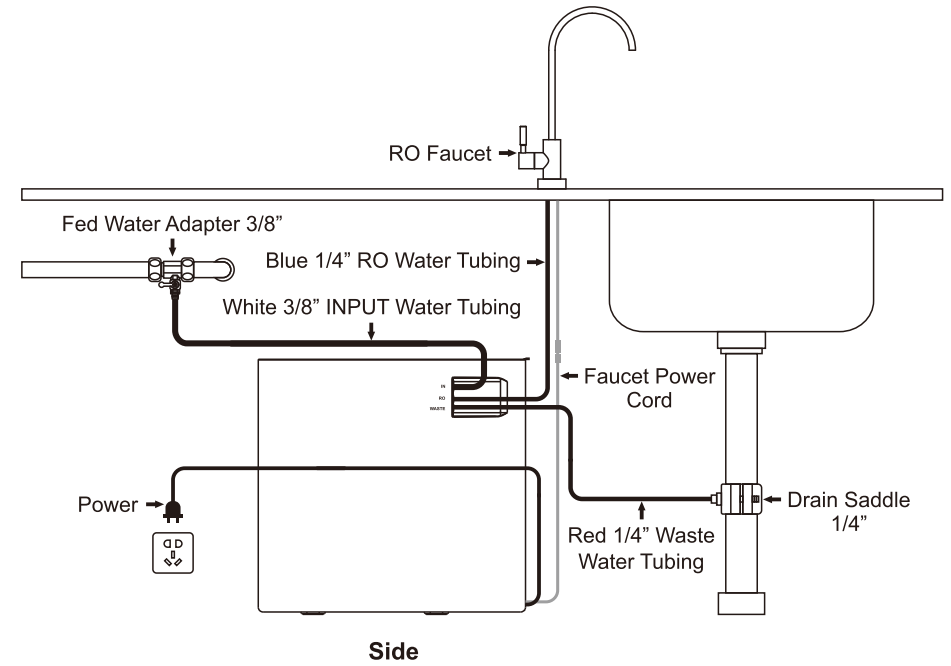
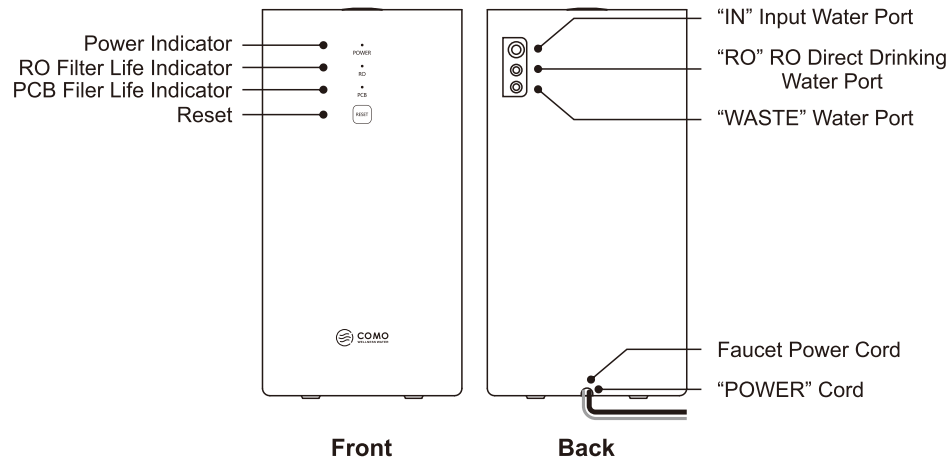
Parts List



 Fed Water Adapter 3/8" × 1 Set	 White 3/8" INPUT Water Tubing × 60"	 Lock Clip 3/8" × 1
 RO Faucet × 1 Set	 Blue 1/4" RO Water Tubing × 60"	 Faucet Quick-Connect Fitting × 1
		 Lock Clip 1/4" × 2
 Drain Saddle 1/4" × 1 Set	 Red 1/4" Waste Water Tubing × 60"	 Lock Clip 1/4" × 1
		 Teflon Tape × 1

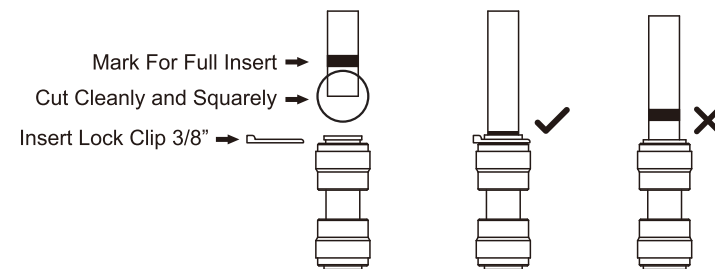
Product Introduction

The brief introduction of various parts and sample connections are presented as follows. Please identify and get familiar with these parts and connection points for a smooth installation.



Installation Tips

How To Use The Quick-Connect Fittings



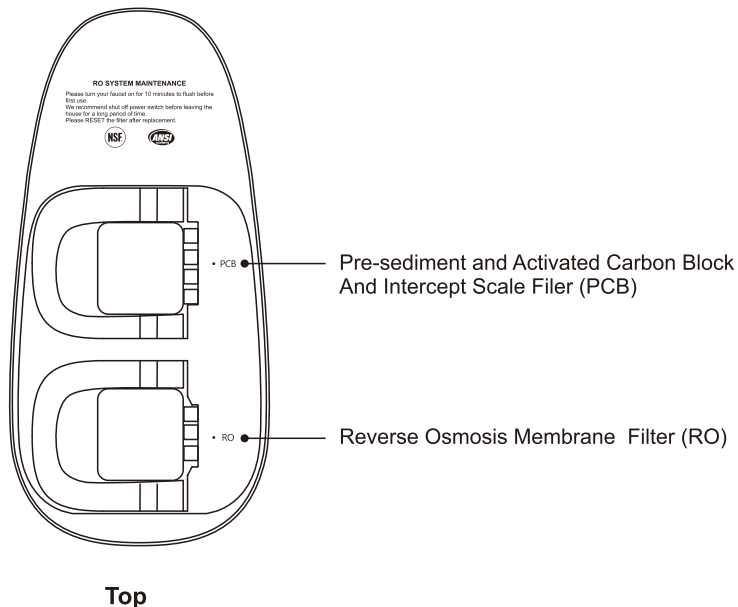
Note: There is an existing mark at the end of the tubing for you to confirm if the tubing is fully inserted into the fitting.

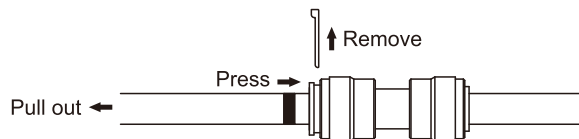
■ Push the tubing into the fitting until you reach the mark on the tubing.

Note: If the tubing is not fully inserted, no seal will be created and leakage will occur.

■ When the tubing is fully inserted, put the blue lock clip on the fitting. It will lock the tubing in place and prevent it from falling off.

Note: If the tubing is too long, cut it to a suitable length with a sharp utility knife or scissors. Cut the tubing squarely and cleanly.





To disconnect:

- Remove the blue lock clip from the fitting;
- Use your thumb and index finger to press down the lock sleeve. Use your other hand to pull out the tubing from the fitting.

Note: Please do not pull out the tubing directly. This will damage the fitting and cause leakage.

How to Drill a Hole into Your Sink or Countertop (Optional)

NOTE: Please confirm if there is an existing hole available to install the RO faucet. If not, please drill a hole in accordance with the following steps.

It's recommended to drill in the following way; Remember to wear safety glasses to protect your eyes while drilling the faucet hole.

1. Choose a diamond core bit for granite, and a carbide drill bit for stainless steel. Do not use a hammer drill on natural stone, glass or ceramic;
2. Mark the location on your sink or countertop, and drill a hole referring to the hole size (0.78"-1.18").

Installation Steps

Before installation, it is strongly recommended to read the instruction manual carefully and follow the following installation steps.

NOTE:

- The RO system must be connected to the COLD water supply ONLY.
- Do not install the system in exposure to direct sunlight or harmful chemicals, nor any place where it may be damaged.
- Do not install the system near any heat source.
- Do not install the system outdoors.

Step 1: Install the Feed Water Adapter (3/8")

NOTE: The "INPUT" water tubing has been attached to the feed water adapter for easy installation.

1. Shut off the water supply. Turn on the kitchen faucet to release the water pressure;

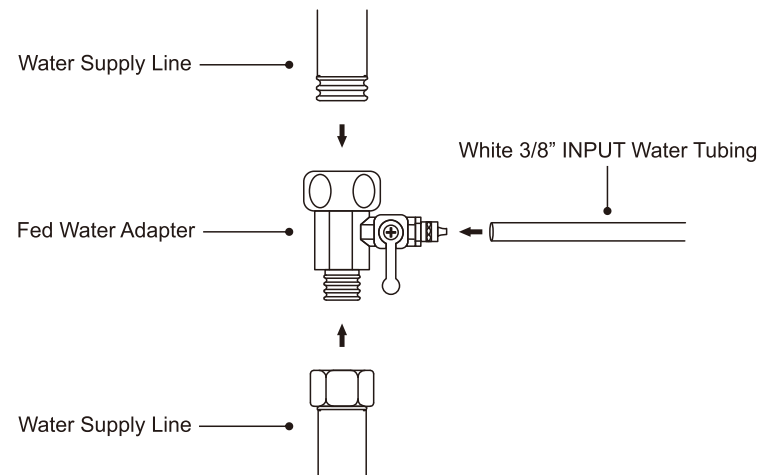
NOTE: Make sure the water has stopped before proceeding to the next step. Get a towel or bucket to catch any excess water.

2. Disconnect the cold water pipe from the cold water supply valve;

3. Screw the inlet adapter to the cold water supply valve (with washer) and tighten with an adjustable wrench;

4. Twist the cold water pipe (with its washer) onto the feed water adapter and tighten with an adjustable wrench.

NOTE: Equipped with different connectors, can be used according to different needs.



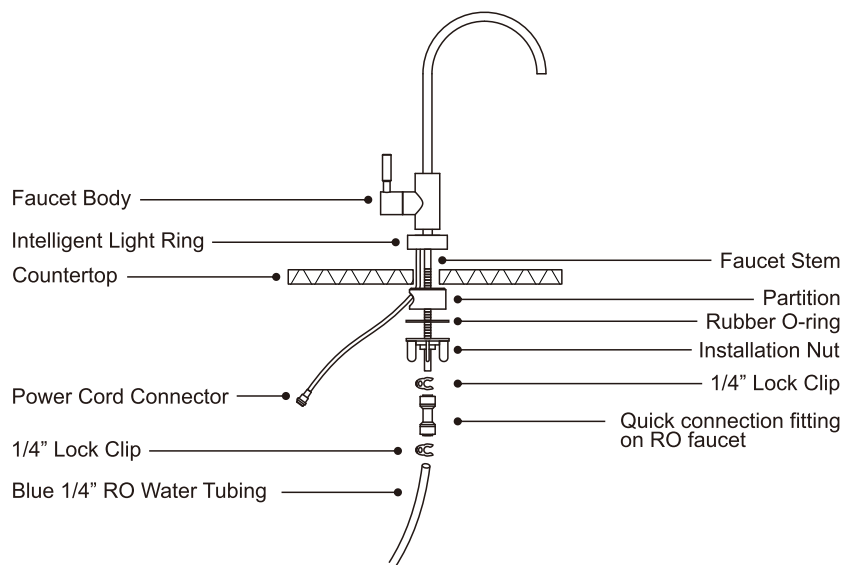
Step 2: Install the RO Faucet

NOTE: If your kitchen sink or countertop does not have an existing hole, you will have to drill one (0.78-1.18"). Refer to Page 4.

1. Insert the faucet Intelligent Light Ring under the faucet body and cross the faucet stem;
2. Insert the faucet stem and power cord into the hole on the countertop;
3. Under the sink, put the partition into the faucet stem, put the faucet power cord across the hole of the partition. and then put the rubber gasket into the faucet stem.
4. Put the Installation Nut into the faucet stem and slip it up tighten.
5. Insert the quick-connect fitting onto the faucet stem fully and firmly.
6. Insert two lock click onto the quick-connect fitting above and below.
7. Insert the other end of the blue 1/4" RO water tubing into the quick-connect fitting,

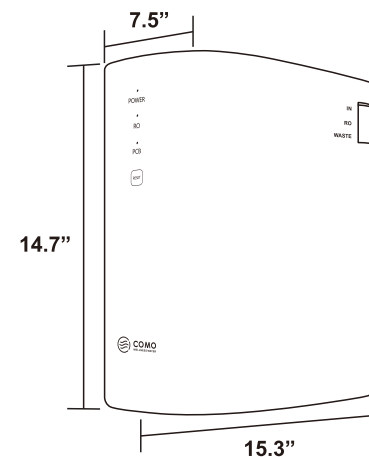
Refer to Installation Tips.

8. Insert two 1/4" lock clips into the quick-connect fitting above and below.
9. Connect and tighten the faucet power cord to the RO system.



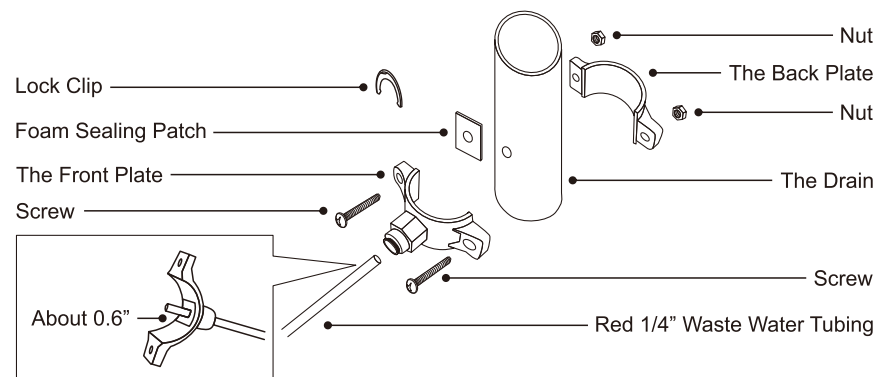
Step 4: Position the RO System Housing

Check and ensure there is sufficient space under the countertop to install the system (15.3" * 7.5" * 14.7"). Position the front panel facing toward you, which will be convenient for future filter replacement and indicator checking.



Step 3: Install the Drain Saddle

1. Choose a spot on the drainpipe that is convenient for installing the drain saddle;
 - NOTE:** It's recommended to install the drain saddle on the vertical drainpipe.
 2. Drill a 1/4" hole in the drainpipe. Be sure not to penetrate the opposite side of the pipe;
 3. Slip the front plate on one end of the tubing (without the mark), and insert the tubing into the drilled hole for about 0.6";
 4. Position the back plate on the drainpipe by tightening the screws and nuts evenly while leaving the tubing in the hole;
 5. Pop the lock clip on the fitting to secure the connection.
- NOTE:** The "WASTE" water tubing needs to be connected to the drainpipe through air gap. Consumers need to purchase air gap accessories additionally.



Step 5: Connect Tubing

NOTE: Confirm the tubing length you need first, and then cut the tubing if it's too long, referring to "How to Use the Quick-Connect Fittings" on page 4.

1. Install the "INPUT" Water Tubing.
 - Identify the white 3/8" PE tubing which has been attached to the feed water adapter (Diagram 1);
 - Insert the other end of the tubing into the "INPUT" water port (Diagram 2), and pop the lock clip on the fitting.

NOTE: Make sure it is fully inserted until you reach the mark on the tubing.

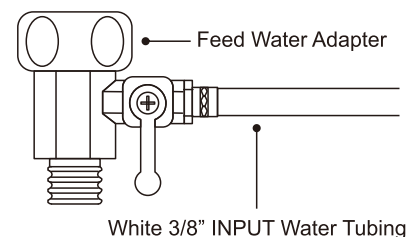


Diagram 1

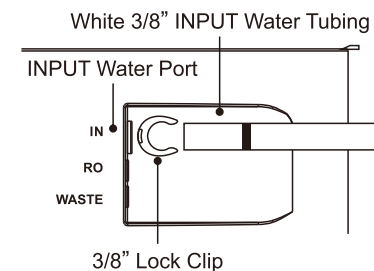


Diagram 2

2. Install the "RO" Water Tubing.

- Identify the blue 1/4" PE tubing;
- Insert one end of the PE tubing into the quick-connect fitting on the RO faucet (Diagram 3), and pop in the lock clip on the fitting;
- Insert the other end of the tubing into the "RO" water port (Diagram 4), and pop the lock clip on the fitting.

NOTE: Make sure it is fully inserted until you reach the mark on the tubing.

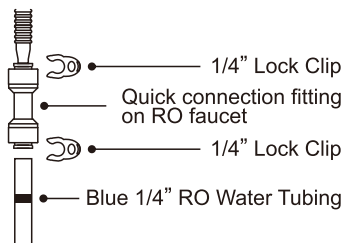


Diagram 3

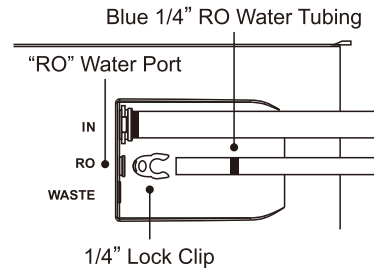


Diagram 4

3. Install the "WASTE" Water Tubing.

- Identify the red 1/4" PE tubing which has been attached to the drain saddle (Diagram 5);
- Insert the other end of the Red 1/4" Waste water tubing into the "WASTE" water port (Diagram 6), and pop the lock clip onto the fitting.

NOTE: Make sure it is fully inserted until you reach the mark on the tubing.

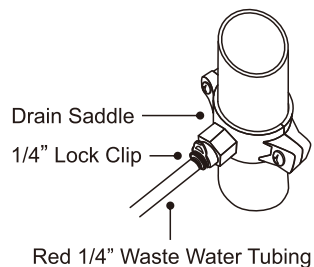


Diagram 5

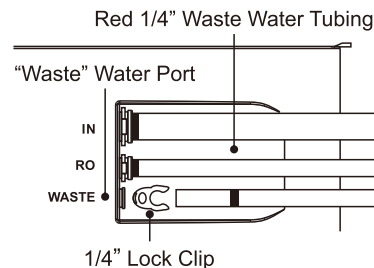


Diagram 6

Step 6: Connect RO Faucet To System

Connect the RO faucet to the system, Insert the Power cord which is attached to the RO faucet into the Faucet Connector (Figure 7) at the back of the housing and tighten the nut.

NOTE: Please do not connect power socket now.

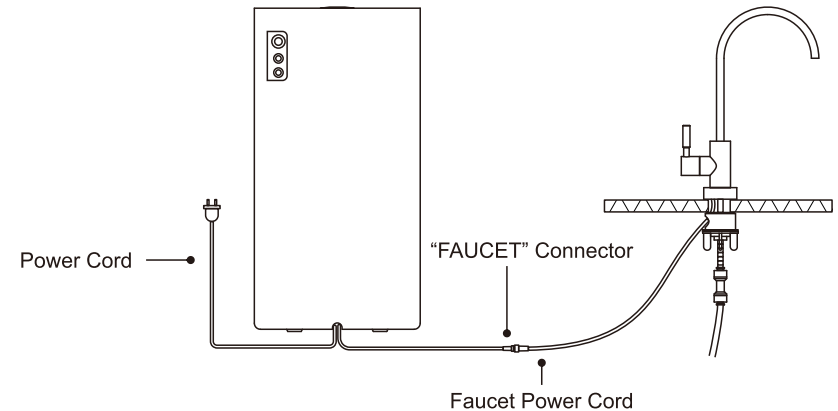
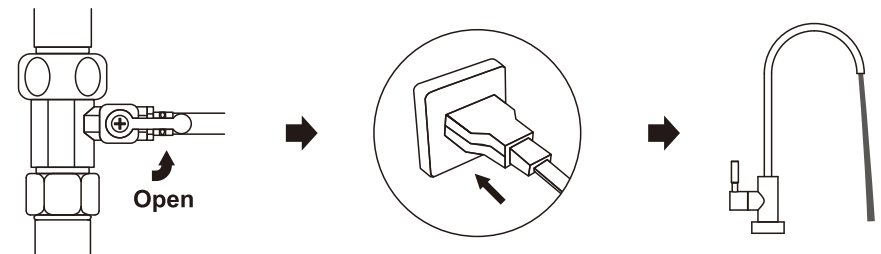


Diagram 7

Step 7: Start up the System

1. Turn on the cold water supply valve, Check for leaks;
 2. Insert the power cord into the socket;
 3. Turn on the RO faucet, and allow it to run for 10-30 minutes to flush before first use;
- NOTE:** Be sure to carefully check the tightness of each part of the system while flushing. Check and ensure all tubing is installed correctly and completely. Make sure there are no leaks at the joints, fittings, valves and tubing connections. (The water is not drinkable during the flushing. The 10-30 minutes are accumulative.)



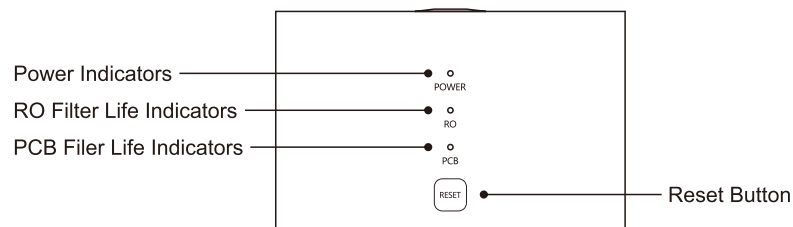
Owner's Manual

Display and Operation

Section 1: Product Startup Display

When the machine is powered on, all display lights are steady on.

NOTE: If the display light is not on, please check whether the power supply is normal.

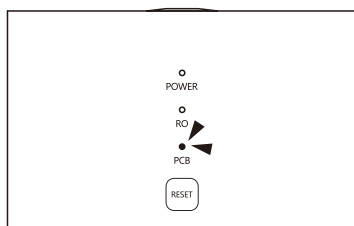


Section 2: Filter Life Reminder

1. Filter Life Indicator on System Housing;

■ When the service life of the PCB and RO filter is expiration;

■ The PCB or RO indicator red light flashes and the sound reminder for 30 seconds, until replacement filter and press the Reset button.

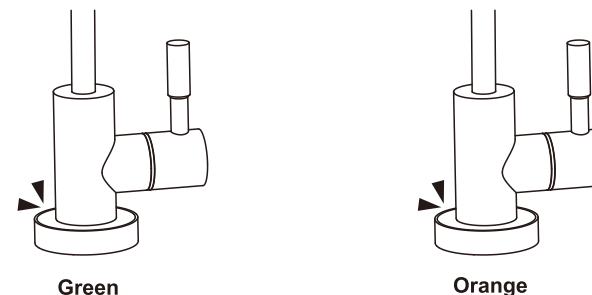


Abbreviations	Filter	Parameter	Expiration
PCB	Pre-sediment And Carbon Block Filter	Effectively remove sediment, rust, suspended matter, odor, adsorption of residual chlorine in water.	6-12 Months
RO	Reverse Osmosis Membrane Filter	Accurate filtration of 0.0001 micron pollutants, intercept organic matter microorganisms, calcium and magnesium ions, heavy metals (arsenic, lead, cadmium, etc.) in water.	24-36 Months

2. Filter Life Indicator on the RO Faucet;

Different light colors will be displayed on the RO faucet corresponding to the filter life status.

When the intelligent light ring is green, the filter status are good; when the intelligent light ring is orange, the filter status are replacement now.



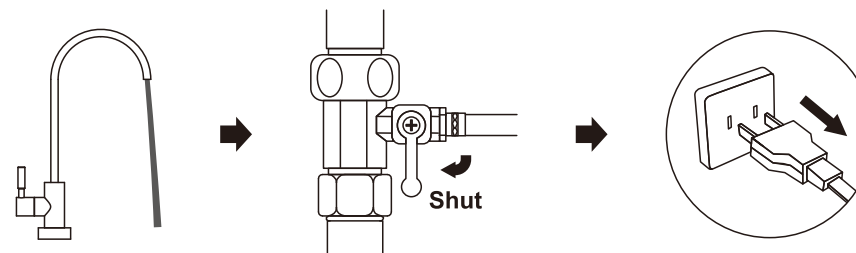
Light	Remaining Life(Day)	Remaining Capacity(G)	Status
Green	>1	>1	Good
Orange	≤0	≤0	Replace Now

NOTE: Filter life may vary depending on source water quality and water usage. Please replace the filter according to the reminder of the filter life indicators.

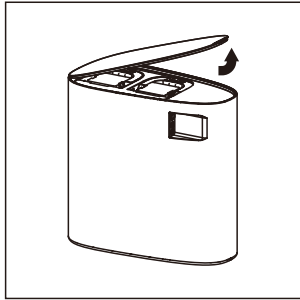
Section 3: Filter Replacement Guide

NOTE: If the filter expires, please purchase and replace the filter immediately Otherwise, the filtration efficiency will decrease significantly and affect the performance.

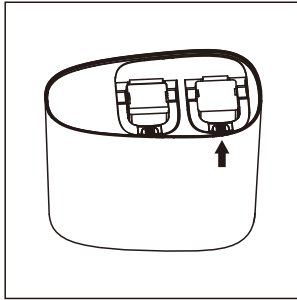
1. Before replace the filters, we open the ro faucet to flow out the RO water firstly, and then close the feed water adapter and unplug the power cord. The operations should be done in sequence.



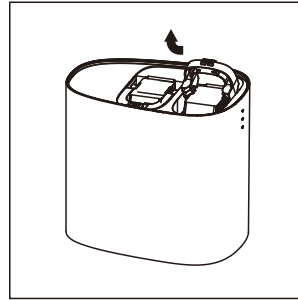
2. How to Replace Filters:



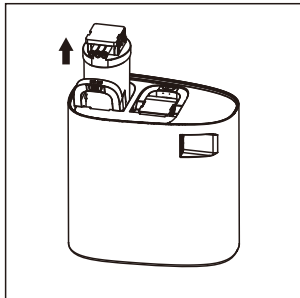
A. Take the top cover up;



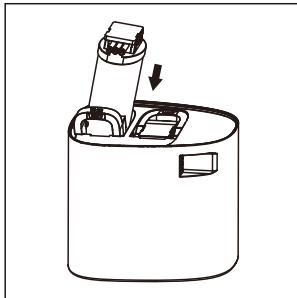
B. Push the lock;



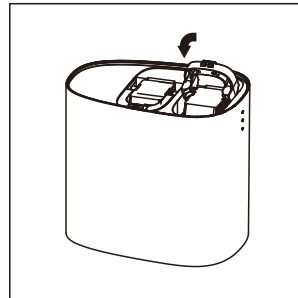
C. Lift the handle;



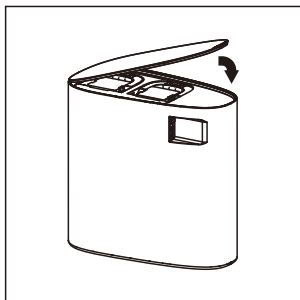
D. Move out the filter;



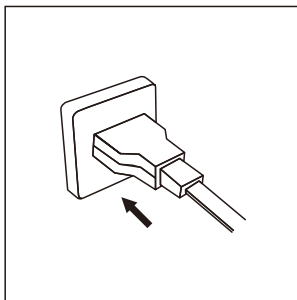
E. Put in a new filter;



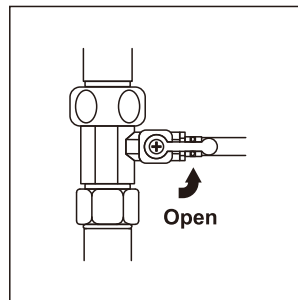
F. Filter Connection;
(press the handle down)



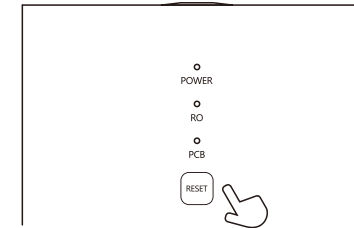
G. Completed the Filter replacement;



H. Re-connect the power cord;



I. Re-open the feed water adapter;



- K. Keep pressing the RESET button for 3 seconds to RESET mode;
(Stop the next operation after continuously for 10 seconds, the water purifier will go out of the RESET mode and continue working)
- (Stop the power, the water purifier will go out of the RESET mode)
- L. Quick press the RESET button to choose the replaced PCB or RO filter;
(The indicator light of the PCB or RO flashes)
- M. Keeping and pressing the RESET button 3 seconds;
(The indicator light of PCB or RO stop to flashes and change to the blue light)
- N. The RO system start to work.

Cleaning & Maintenance

1. Do not use soap, detergent, gasoline, alcohol and other volatile solvents, otherwise water purifier machine may cause cracks, scratches and discoloration.
2. Clean the system with clear water. Do not spray the water directly or soak the system. Do not use steel wool, an abrasive cleaner or corrosive liquid such as gasoline or acetone. When cleaning, do not pour other liquids into the filter to avoid damage to the filter system. Check the system and water pipe fittings regularly for water leakage to avoid any property damage. If you are using well water as the source, please ensure that the feed water has been through a pre-filtration system. Otherwise, large particles in the well water will easily clog the filter and shorten the filter life. Please replace the filter regularly according to the filter life indicator.
- NOTE:** While the testing was performed under standard laboratory conditions, actual performance may vary depending on the source water quality and water usage. In case of premature blockage and failure of the filters, it's recommended to replace the filter in accordance with the actual usage.
3. When not in use for a long time, please turn off the power and water inlet switch. When using again, do not drink the purified water that flowed out in the first 5-15 minutes.
4. Don't change the connection parts and the pipes made by other supplier.
5. Water purifier machine does not work in sub-zero environment.

Trouble Shooting

The following abnormal situation can be handled by ourselves. If it cannot be removed, please ask the professional maintenance personnel to carry out comprehensive inspection and maintenance. It is normal for machines to make a slight noise while they are working.

Phenomenon	Reason	Solution
The water purifier machine doesn't work when the electricity is turned on	Circuit impassability	Check whether the power is cut off or the sockets are plugged in properly
Reduced or no water output	Filter blockage	Replace the filter element
	There is no water in the tap	Turn off the power supply and water inlet valve until the water supply is restored
	The tap water pressure is too low	Check that the entry water valve switch is fully open. If the water pressure is lower than 0.1MPa, use pressurization equipment
The indicator light flashes & sound reminder for 30 seconds	Filter expiration reminder	Replace the filter element
Water leakage	Parts damaged or humid working environment	Turn off the water inlet valve and power supply; Let professional maintenance handle it

Limited Product Warranty

The warranty of our product covers defects in materials and workmanship from the original date of purchase. During the warranty period, we will replace or repair any part deemed defective, as long as the product has not been subjected to tampering, alteration, lack of regular maintenance or improper use after delivery. The cost of repair or replacement under those excluded circumstances shall be borne by the consumer. This limited warranty does not cover the following items: filters and all other parts or components that require regular replacement as a result of ordinary usage. This limited warranty only applies if the system is installed, used, and maintained in compliance with all instructions and requirements enclosed with the system.

This limited warranty shall only be valid if:

The feed water pressure is no less than 14.5 psi and no longer than 87 psi;

The feed water temperature must be no less than 41°F and no more than 100°F;

The feed water must have a pH between 6.5 and 8.5;

Turbidity must be less than 1.0 NTU.

Any information or suggestion with respect to our product concerning applications, specifications or standards is provided solely for your convenient reference. The quality of water supplies may vary seasonably or over a period of time. Your water usage may vary as well. The manufacturer assumes no liability for the determination of the proper equipment necessary to meet your requirements, and we do not authorize others to assume such obligation on our behalf. You must verify and test the suitability of any information with respect to the product for your specific application.

This limited warranty shall be void if:

The cartridge filters are not replaced on the recommended maintenance schedule;

The product is purchased from someone other than our official website or our authorized dealers, as we cannot verify or guarantee the integrity or authenticity of the Product.

Our sole obligation under this warranty shall be repair or replacement of a nonconforming product or parts of this product, or at our option, return of the product and a refund of the purchase price. Our obligation does not include the cost of transportation. We are not responsible for damage in transit, and claims for such damage should be presented to the carrier by the customer.

The warranties set forth herein are the only warranties made by us with respect to the product. We make no warranties, expressed or implied, including, but not limited to, any warranties of fitness or merchantability, except as expressly set forth above.

NOTE: In case some states do not allow limitations on how long an implied warranty lasts, you may choose to return the system. If you choose to keep it, you agree that the above limitations still apply to you.

We offer a 1-year manufacturer warranty, for all our products, Please be sure to save your original purchase receipt. For any questions and concerns about the product, please feel free to Email us. Your satisfaction is our top priority!

How to Contact Us:

Please contact us via info@waterdoctor.ca