



# Lamon RO001 Under Sink Reverse Osmosis Tankless Water Filter System Instruction Manual

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# Lamon

Instruction Manual

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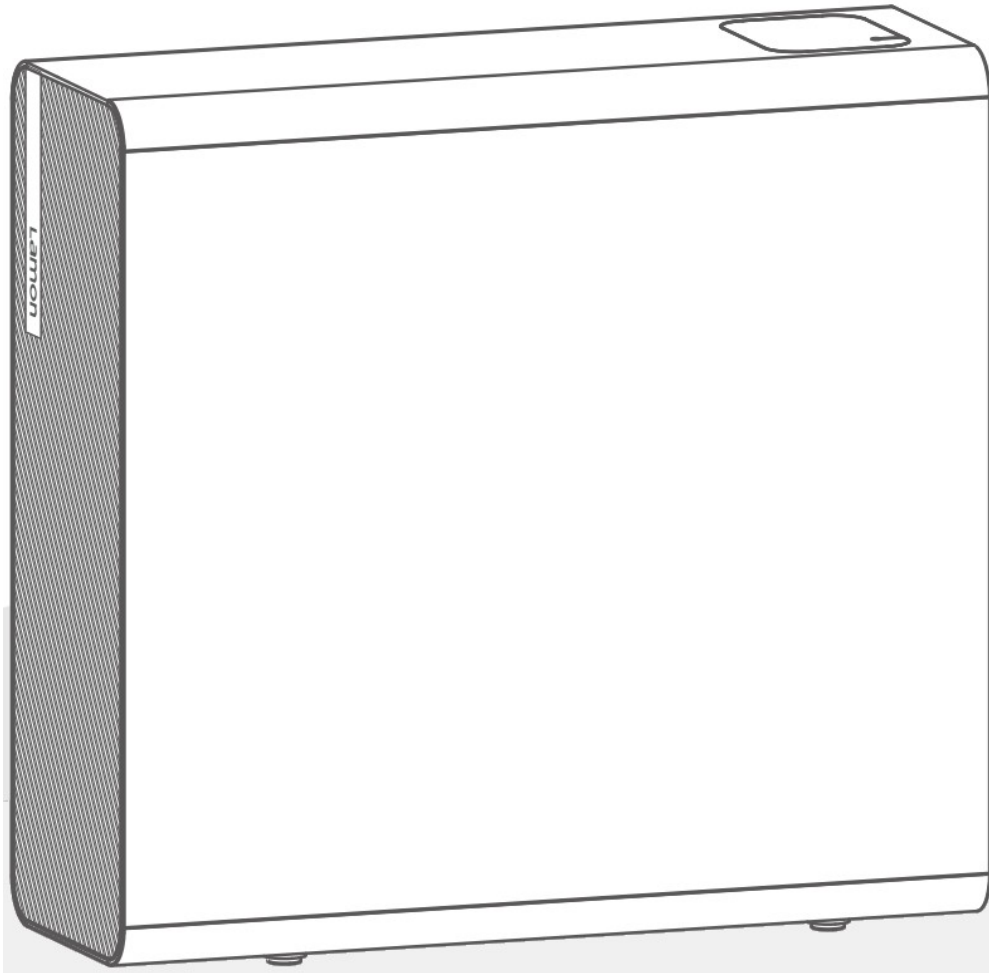
600G Water Filtration System

Reverse Osmosis

Model : LW-RO01

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Thanks for your purchase from Lamon. We value your patronage and appreciate your confidence us.Counting you among our customers is something for which we are especially grateful.  
Please let us know if we can do anything else to help.



This device complies of the FCC Rules. Operation is subject to the following two conditions:(1)This device may not cause harmful interference,and (2) this device must accept any interference received,including interference that may cause undesired operation.Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



**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.

The device is governed by the European Directive 2012/19/EU on waste electrical and electronic equipment(WEEE). Do ot dispose of the device as normal domestic waste, but rather in an environmentally friendly manner via an officially appro disposal company.

**Note:**

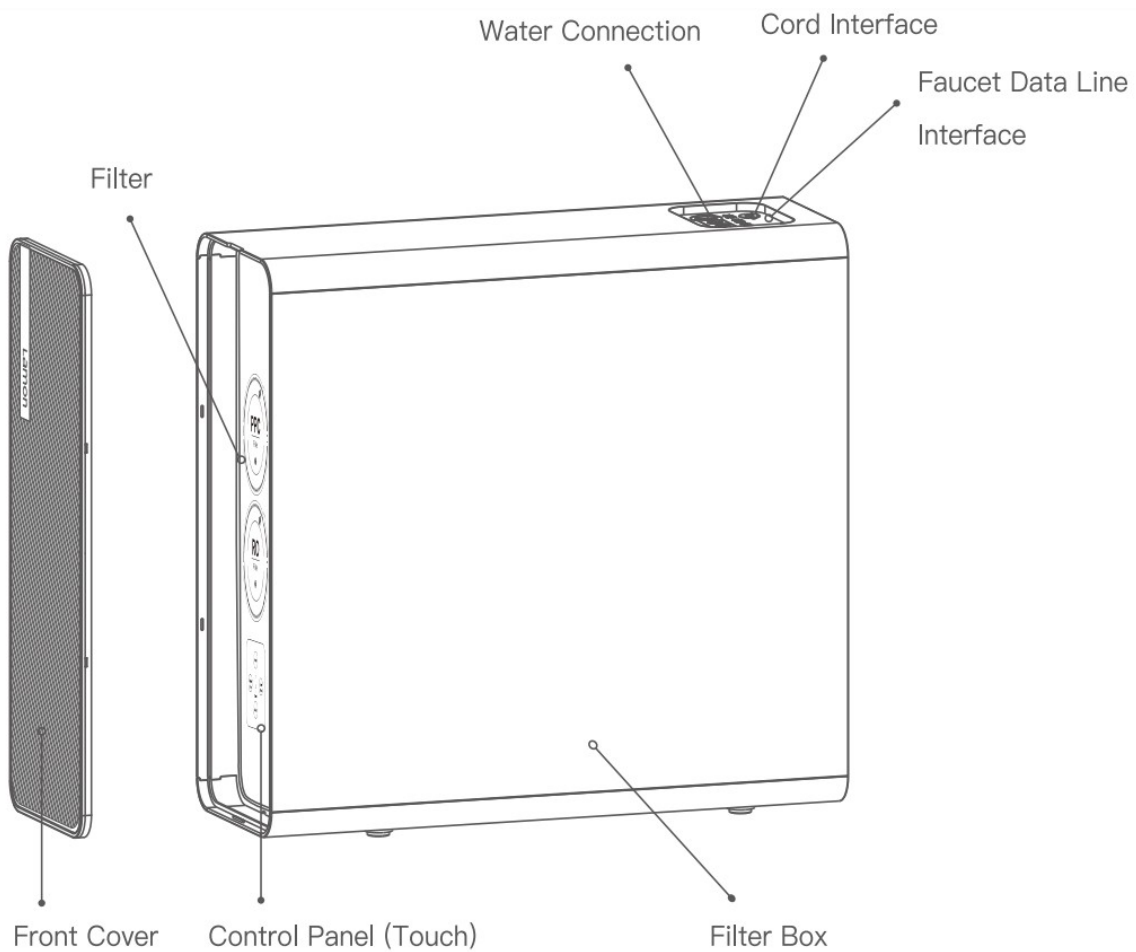
- Please read this manual carefully before use and keep it in a safe place
- The company reserves the right to interpret the manual
- Please refer to the actual product appearance
- In case of product technology or software upgrade, no notice will be given

## Product Description

### Package Removal

Open the package, take out the manual, take out the upper foam, take out all the built-in configurations and information, take the whole machine out of the box and take off the plastic bag. Save the outer packaging for future transportation.




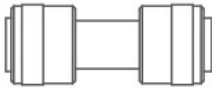


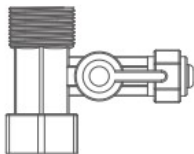

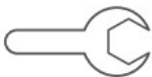




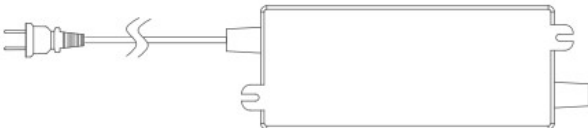
### Part Name



## Technical Specifications

Product Name	Water Filtration System	Mode	LW -R001	Adapter outlet Voltage	24V
Adapter outlet Current	4A	Power Rating Pure water rated	SOW	Appliance Water Source	Municipal Tap Water
Pure Water Rate and Total Purified Water Flow	3000L		1.58L/min	Applicable Water Temperature	4-38°C
Water Inlet Pressure	at -0.4MPa	Operating Pressure	0.4-0.8MPa	Net Weight	8 kg
Product Size	420.5x127x396 mm	Package Size		515x220x510mm	

## Package

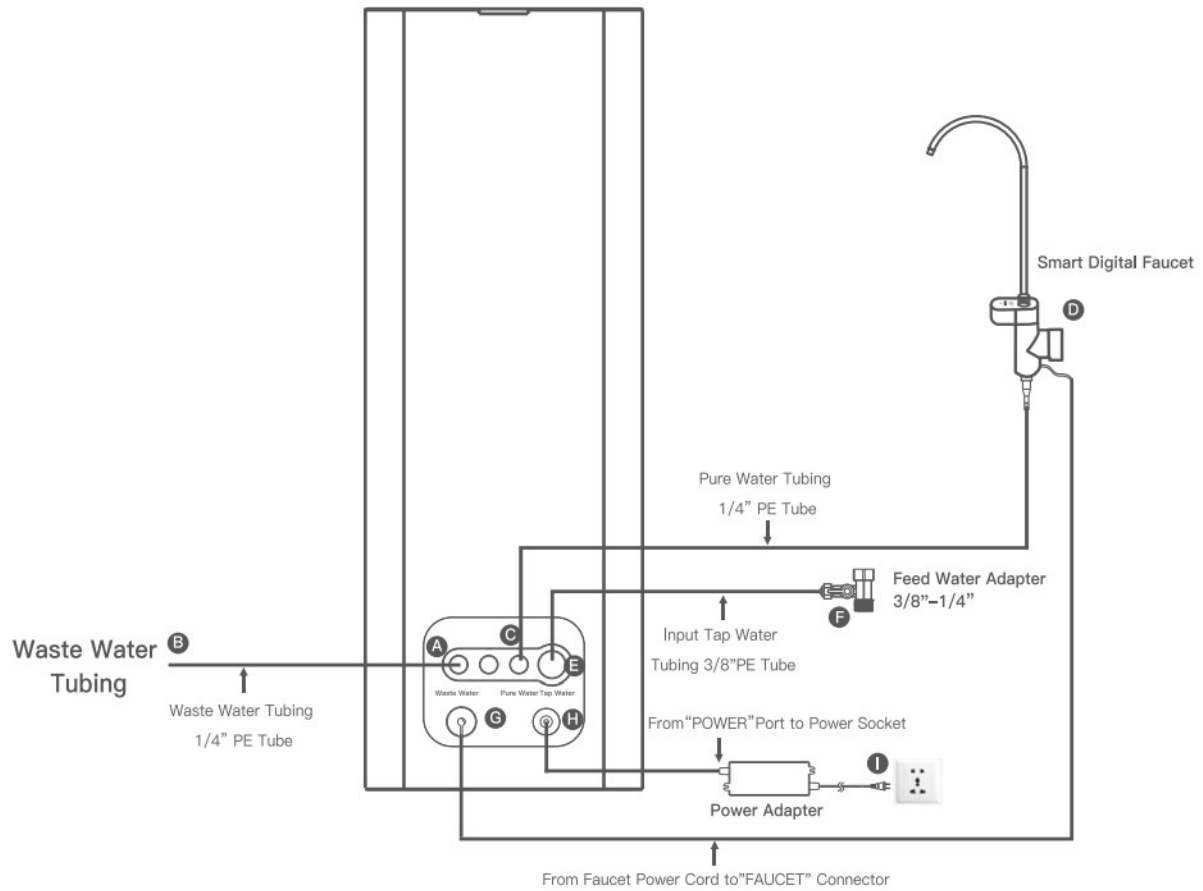
System Housing	User Manual	Smart Digital RO Faucet	Feed Water Adapter 1/4"
			
Drain Saddle 1/4"	1/4" PE Water Pipe	Feed Water Adapter 3/8"-1/4"	3/8" PE Water Pipe
			
Wrench	Waste Water Barrel Clip	Waste Water Pipe Clip	MZ Filter Clip
			
Waste Water Barrel		Power Adapter	
			

## Installation

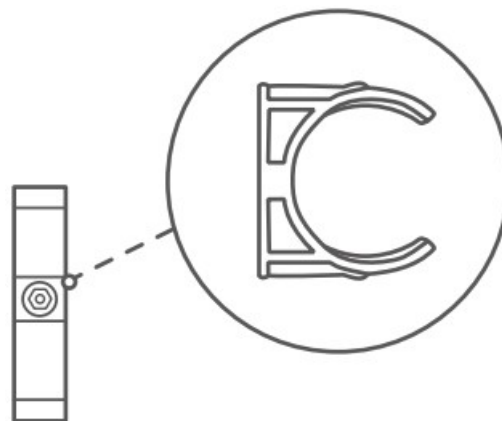
### Sample Connection

- A-BWaste Water Tubing 1/4" PE Tube

- C-D :Pure Water Tubing 1/4 PE Tube
- E-Finput Tap Wter Tubing 3/8PE Tube
- G-DiFrom Faucet Power Cord to“FAUCET” Connector
- H-IFrom“POWER”Port to Power Sacket

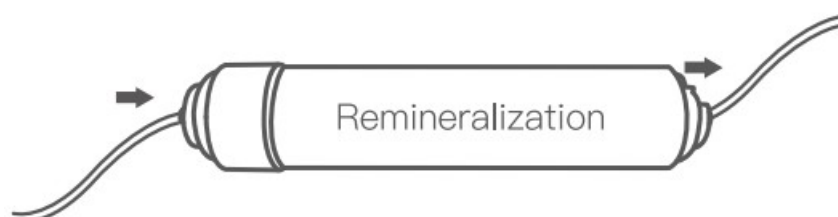


## Mineral Filter Installation



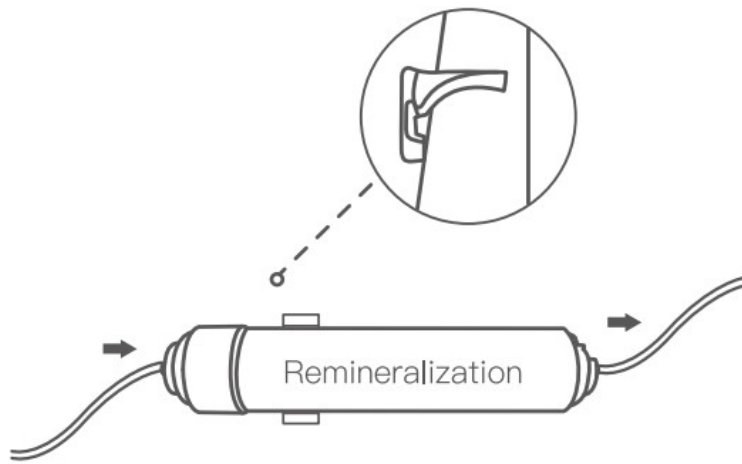
### Step1:

Select a place to attach the filter and install the fixed support.



### Step2:

Connect the 1/4" tubing with your device's inlet and outlet.



### Step3:

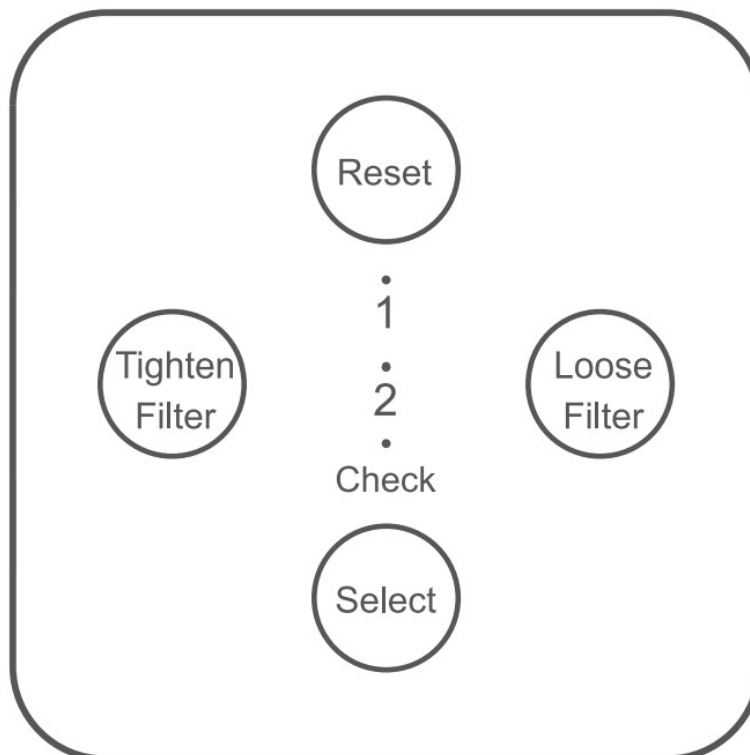
Put the filter in the fixed support.

### When First Use

- Before using the PPC cartridge and RO cartridge, rinse for 15 minutes before using.
- Try to place the RO filter system close to the sink for easy supply of water and drainage.
- The RO filter system must be placed on a flat surface.
- Connect the power supply.

### Operating Instructions

#### Product control instructions



### Operating Step

#### Power on Flushing

- Turn on the power, the machine indicator lights for 1s, the buzzer sounds, the machine enters the rinse state,

rinse 15s after entering the standby working state.

## Manual Flushing

- In the power-on state, press and hold the “Select” button for 10s to turn on the manual flushing function, and the flushing time is 10s.

## Water Purification

- After the power-on rinse is completed, when the RO faucet is opened, the RO faucet work indicator lights up and the machine begins to purify water.

When the water purification faucet is closed, the faucet work indicator goes off and the machine stops purifying water.

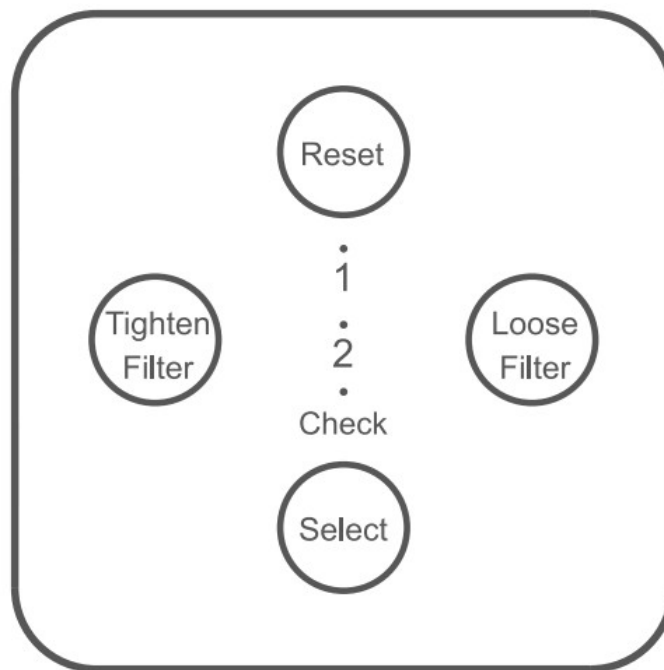
## Pure Water TDS Detection

- Built-in pure water TDS detection function, water purification, according to the actual TDS detection value, the faucet automatically switch the color of the light display, the water quality is excellent when the green light, When the water quality is good, it will light up green, and when the water quality is poor, it will light up blue.

## Pure Water TDS Detection

Filter Water Display	When the water purifier filtering water, the RO faucet work indicator green constant figf (as TOS value display, when the water quaity is excellent liht green, poor water qulity light blue), stop fiter ing water when the RO faucet work indicator off
Reset Display	Wnen the life of the cartridge expires, the corresponding No. 1 cartridge or No. 2 cartridge indica tor on the fiter water system, and the indicator on the RO faucet follows flashing, the cartridge n eeds to be. replaced after the cartridge reset.
Trouble Display	When continuous water filtration for more than 30 minutes or detect the RO water firation syste m abnormal, the RO water filration system stops filtration, the buzzer sounds 60s alarm (every 1 interval sound), the red light on the faucet indicator flashes, and then every 4 hours interval, the buzzer sounds 605 alarm again, if the continuous filtration for 30mins, at this time you need to u nplug the machine on the DG socket power off, and then reapply power to fft the fault alarm <b>Note:</b> If other abnormalities please notify professionals for maintenance.

## Reset Filter



### 1. PPC Filter

When the life of the PPC filter expires, the yellow light of cartridge 1 indicator flashes and the faucet indicator flashes, at this time, the No.1 cartridge needs to be replaced, after replacing the No.1 cartridge, press and hold the reset button for 3s, the buzzer

Sounds 3 times, the yellow light of No.1 cartridge indicator and the indicator on the faucet go out, indicating that the No.1 cartridge is successfully reset and the cartridge life timing starts again

### 2. RO Filter

RO filter life expires, NO.2 indicator yellow light flashes and faucet indicator light flashes, at this time need to replace the No.2 cartridge, after replacing the No.2 cartridge, long press the reset button 3s, the buzzer sounds 3 times, the No.2 cartridge indicator yellow light and the indicator light on the faucet are extinguished, indicating that the No.2 cartridge reset successfully. The No.2 filter restart.

### Forced Reset of Filter

When the filter life has not expired, touch the "Select" key in the standby or power—on state to select the No. 1 or No. 2 filter for reset in a cycle.

- If select PPC filter, the No. 1 filter indicator will be on for 10s (if there is no operation within 10s, the filter indicator will be off), The buzzer will sound 3 times and the No. 1 filter indicator will go out,
- so that the life of No. 1 filter can be reset.

If select RO filter, the No. 2 filter indicator light will be on for 10s if there is no operation within 10s, the filter indicator light will be off), press and hold the reset button for 3S at this time, The buzzer. will sound 3 times and the No. 2 filter indicator will go out. The life of No.2 filter can be reset.

According to the different water quality in each place, the service life of the filter will be different, the PPC filter is recommended to be replaced for half a year; the RO filter is recommended to be replaced for one time In two years.

## System Maintenance



- If you don't use the system for more than one week, turn on the RO faucet, shut off the water valve, and disconnect the power. Seal the filters and store it in the refrigerator (not the freezer). You need to open the RO faucet and allow it to run for 10 minutes first before using the system again. Otherwise, you need to replace the filters, as bacteria may grow when the system is not used for a long time.
- Please replace the filter regularly according to the filter life indicator.

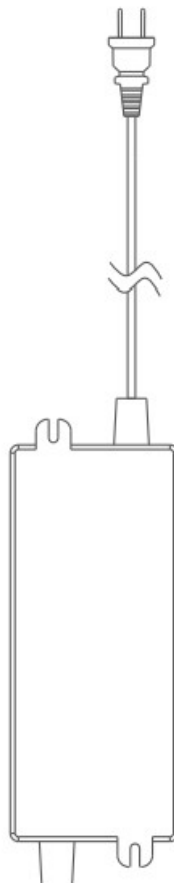
**NOTE:** While the testing was performed under standard laboratory conditions, actual performance may vary depending on the source water quality and water usage. In case of premature blockage and failure of the filters, it's recommended to replace the filter in accordance with the actual usage.

- Clean the system with clear water. Do not spray the water directly. 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.
- Keep the wastewater pipe unobstructed to avoid damage to the filter or internal components.
- When the drainpipe is blocked, do not use the system (please turn off the power) to avoid wastewater from soaking the floor.
- Check the system and water pipe fittings regularly for water leakage to avoid any property damage.
- Regularly check whether the power supply and wires are damaged or loose to avoid major accidents caused by electric leakage.
- 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.

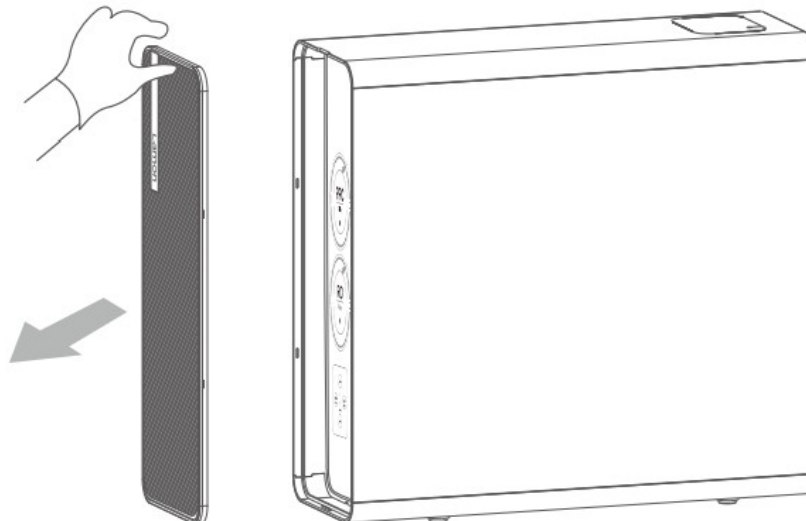
## Filter Replacement Steps

### Step to Replace the Filter

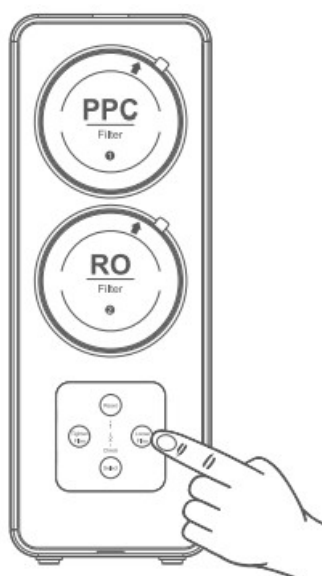
1.



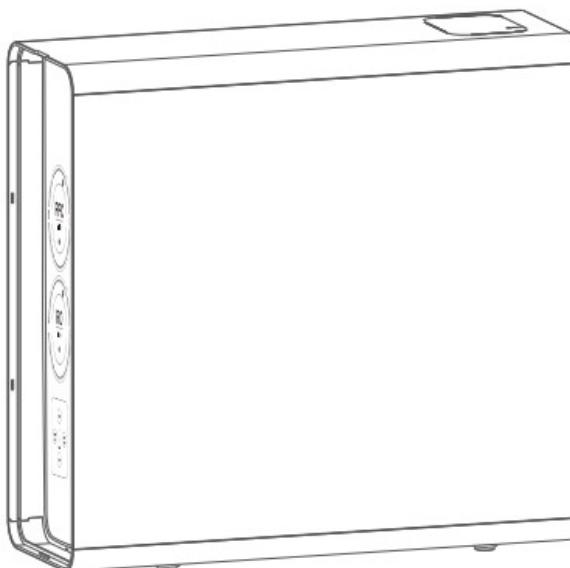
Turn off the power and unplug the power cord.



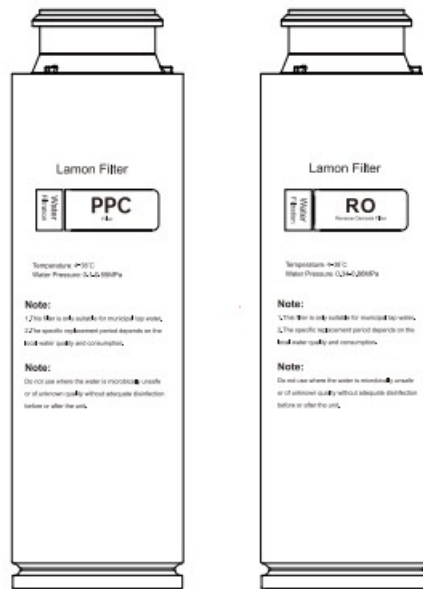
2. Open front panel-A component.



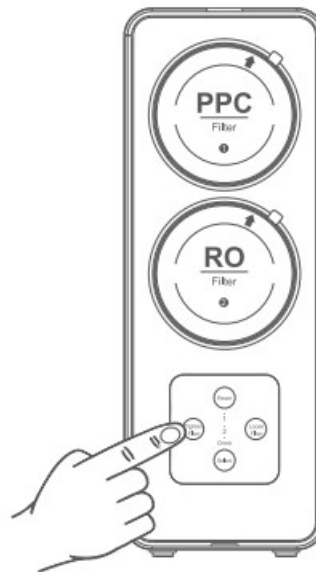
3. Long press “loose filter” button to remove filter.



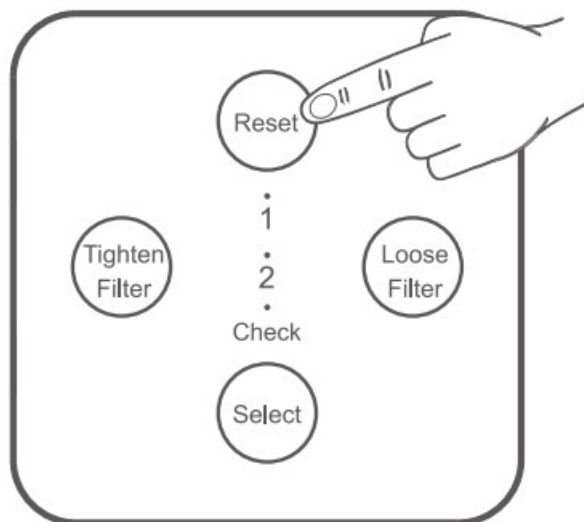
4. Pull out the cartridge and replace the new cartridge with a new one according to the original position.



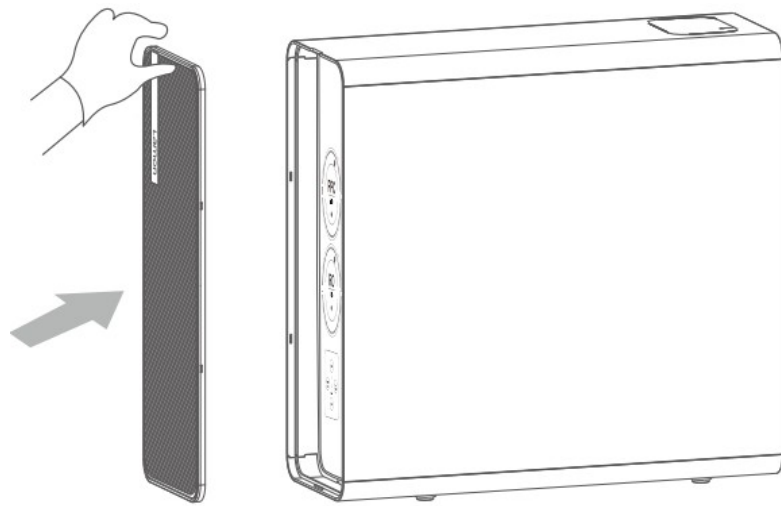
5. Place the filter in the original position in turn, and put the new filter on the installation point



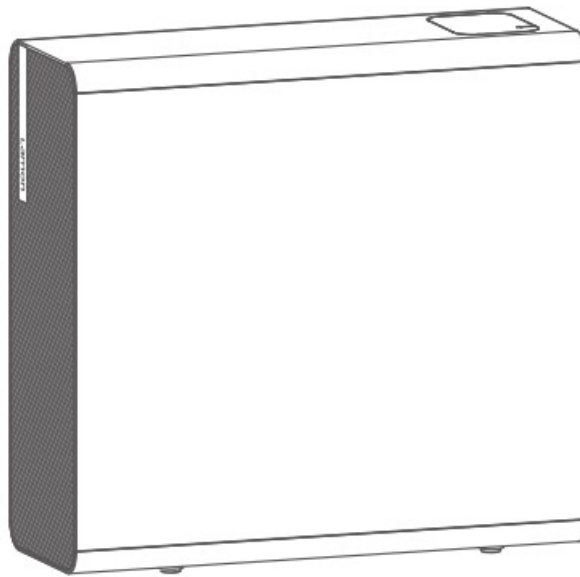
6. Long Press “tighten filter” button to install filter.



7. Turn on the power and carry out filter reset work



8. Top to the positioning slot, install the front panel-A component



9. The filter replacement is complete.

## Notice



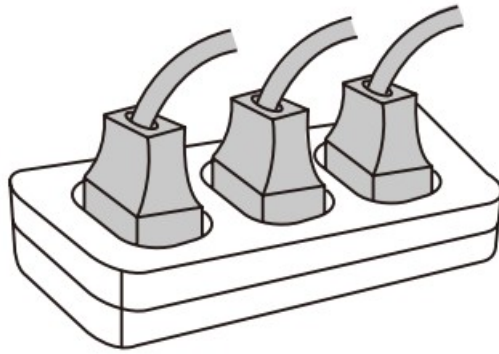
### Caution:

- This product is not suitable for people with disabilities, mental retardation or mental disorders, or lack of experience and 'Gommon sense (including children), unless under the care or guidance of a guardian Children should be supervised during maintenance to prevent accidents when parts are used as toys.
- Important contents of safety matters are recorded below to prevent personal injury and property loss to users or others.

Please fully understand the following contents, signs, ICONS and instructions. And please be sure to follow the recorded safety precautions to avoid operation errors that may seriously damage the water purifier or cause death or injury to the user, or cause electrical hazards or fire hazards.



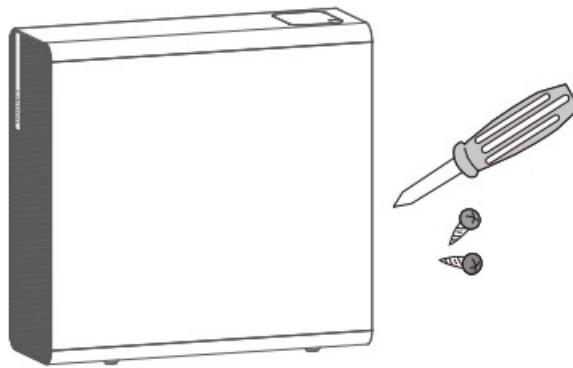
Use alone with rated voltage of 100-240V, Current1A socket, forbidden to share socket with Other electricel appliances are not allowed to share the socket.



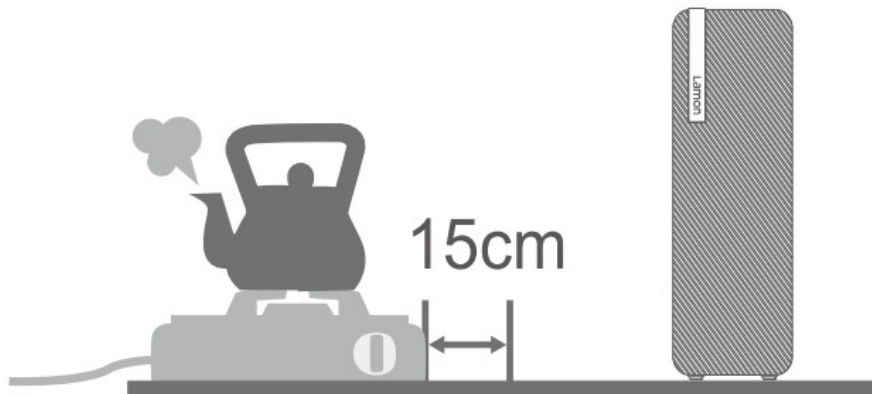
⊘ Do not touch the power plug with wet hands.



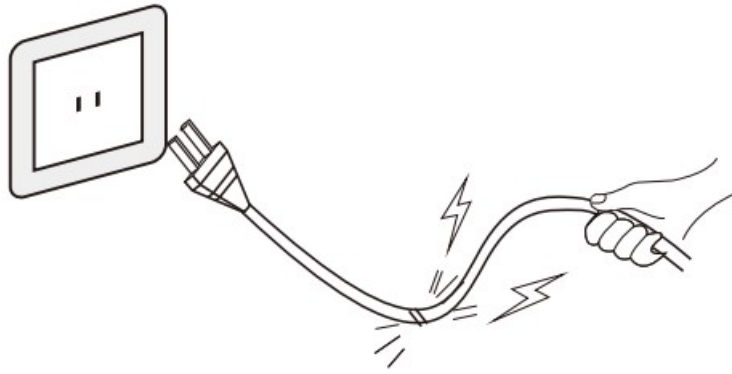
⊘ No unauthorized disassembly of this product.



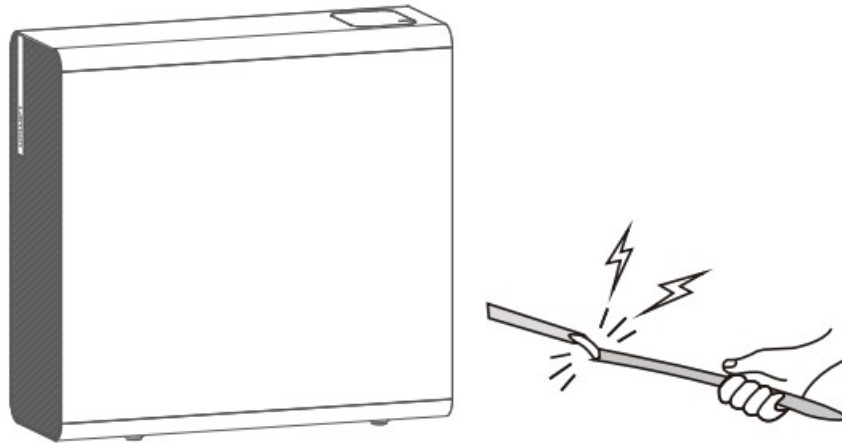
⚠ Please make sure the product is at least 15cm away from the heat source.



⊘ No pulling on the power cord.



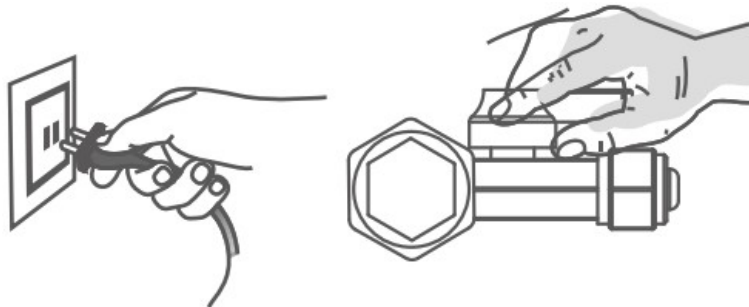
⊘ Prohibit pulling the power cord to drag the product.



ⓘ If the power cord is damaged, to avoid danger, it must be replaced by the manufacturer, a professional from its maintenance department.



ⓘ If you plan to leave it for a long period of time, disconnect the water supply, unplug it and disconnect the power supply.



## Harmful Substance Content Checklist

Model: LW-R001		harmful substance content (eg)					
	Pat Name	Lead and its compounds	Mercury and its compounds	Cadmium and its compounds	Hexavalent chromium and its compounds	Polybrominated biphenyls	Polybrominated diphenyl ethers
1	All Plastic Parts	O	O	O	O	O	O
2	Control Board and Connecting Line	O	O	O	O	O	O
3	Power Board	O	O	O	O	O	O
4	Buzzer	X	O	O	O	O	O
5	Motor	O	O	O	O	O	O
6	Metal Hardware	O	O	O	O	O	O
7	Power Cable	O	O	O	O	O	O

0 indicates that the levels of the harmful substances in all homogeneous materials for the parts are below the limit requirements stipulated in the GB/T 26572-2011 standard.

x: indicates that the content of the hazardous substance in at least one homogeneous material of the part exceeds the limit requirements specified in the GB/T 26672-2011 standard.

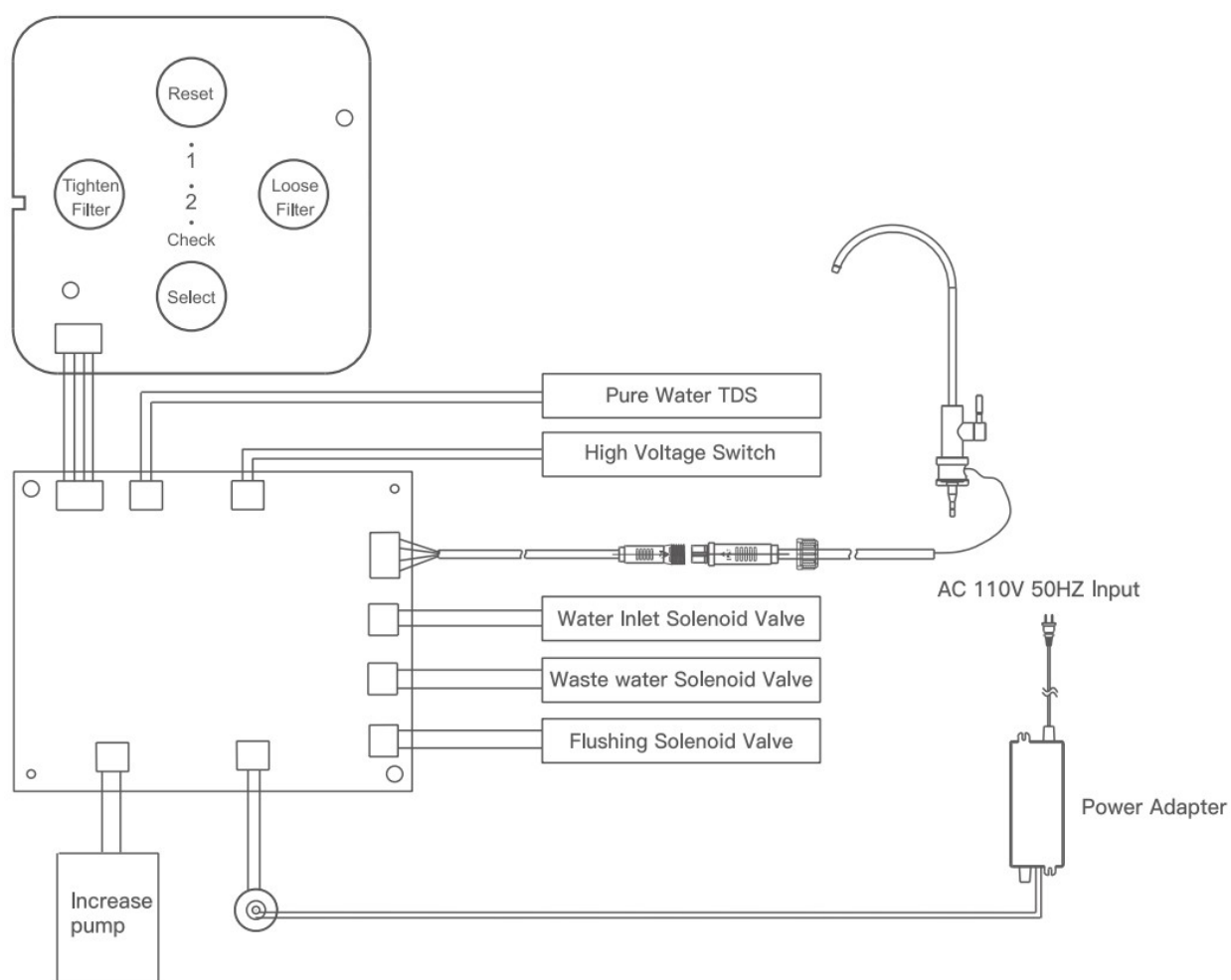
(The technical reasons for marking "x" in the above table can be further explained according to the actual situation.)

## Troubleshooting

If any of the following conditions occur, according to the following requirements to check.

Common Questions	Reason	Treatment Method
Water Leakage	a.The connector or filter element is not inserted properly b.Wading sealing ring aging c.High water pressure causes misalignment of the sealing ring d.Socket or filter element housing damaged	a.Install the connector and filter correctly b.Replace the seal c.Replace the seal and install the pressure reducing device
No water or small amount of water	a.Water pressure is too low b.Pipeline, filter blockage	a. Take to increase the equipment
Poor water quality	a.PE pipe and faucet with odor b.Filter expired	a. Replace the filter
Faucet indicator light does not light	a. Line is damaged	a. Check whether the external line is damaged
Faucet red indicator light flashes	a.Machine water leakage b.Water inlet blockage c.Continuous water filtration for more than 30 minutes	a.Check whether the water is leaking b.Check whether the water intake is normal c.Disconnect the power supply, close the faucet, and then reconnect the power supply

### Electrical Schematic Diagram:



**Limit ed 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, filter 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:

1. The feed water pressure is no less than 14.5 psi and no longer than 87 psi;
2. The feed water temperature must be no less than 41°F and no more than 100°F;
3. The feed water must have a pH between 6.5 and 8.5;
4. Turbidity must be less than 1.0 NTU;

Any information or suggestion with respect to our product concerning applications, specifications 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, 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:**

1. The cartridge filters are not replaced on the recommended maintenance schedule.
2. 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 non-conforming 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.

**After-Sale Service:**

For any questions and concerns about the product, please feel free to contact us. Your satisfaction is our top priority. Thank you!

**Customer Support**



whatsApp

# Lamon



[service@lamoncare.com](mailto:service@lamoncare.com)



@Lamon\_house



Lamon



@Lamon\_usa

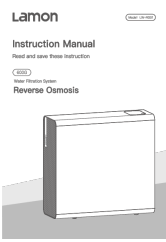
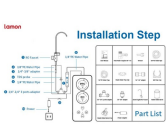


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[lamoncare.com](http://lamoncare.com)

## Documents / Resources

	<p><a href="#">Lamon RO001 Under Sink Reverse Osmosis Tankless Water Filter System</a> [pdf] Instruction Manual</p> <p>RO001 Under Sink Reverse Osmosis Tankless Water Filter System, RO001, Under Sink Reverse Osmosis Tankless Water Filter System, Tankless Water Filter System, Water Filter System, Filter System</p>
	<p><a href="#">Lamon RO001 Under Sink Reverse Osmosis Tankless Water Filter System</a> [pdf] User Guide</p> <p>RO001 Under Sink Reverse Osmosis Tankless Water Filter System, RO001, Under Sink Reverse Osmosis Tankless Water Filter System, Tankless Water Filter System, Water Filter System, Filter System</p>

## References

- [User Manual](#)