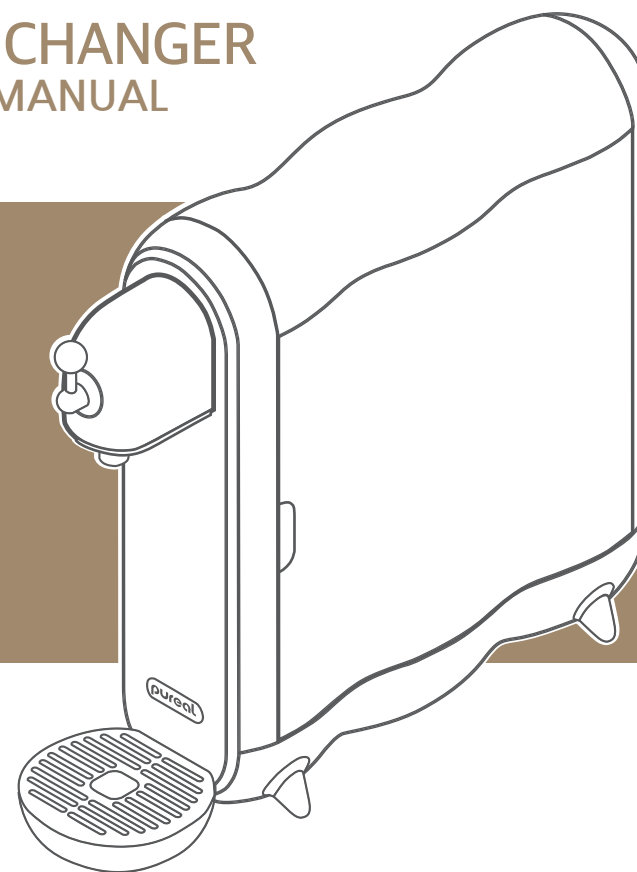


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LINE CHANGER USER MANUAL



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110mm Compact & Slim design

Can be harmonized with any place by unique design



Quick Change Water Filter System

Everyone can replace filters by Quick Change Water Filter System



Optimum filter solution

High quality filter system with best performance



Quick Change Water Tube System

For the cleanliness, Water Tube & Manifold can be replaced.



No electricity needed & No noise

No worry about electricity bill

● Introduction

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● Installation

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● What to know

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Safety Precaution

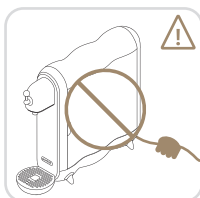
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In order to protect the users safety, please read carefully and follow the below instructions & signs to prevent accidents and avoid dangers

Caution If not followed correctly, the user may sustain minor injury or lose properties.

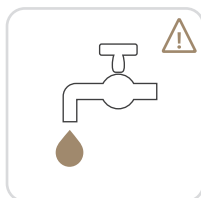
Warning If not followed correctly, the user may sustain a serious injury or may lose properties.

Danger If not followed correctly, the user may sustain a serious injury or may die.



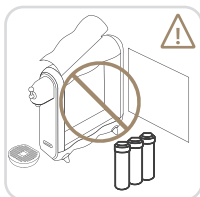
When moving the product, do not pull on the hose or grip the nozzle.

Product damage or water leakage may occur.



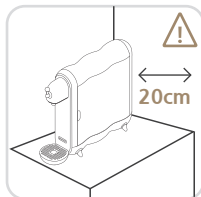
Use only tap water for feed water.

Connecting to a hot water pipe can cause damage to the filter or product malfunction.



Do not disassemble or modify the product.

Do not disassemble or modify the product except designated engineer.



Have a space for installation.

Consider the convenience of filter replacement, have a distance of 20 cm or more from the wall, and install the length of the water supply hose at a location less than 5m from the water supply valve.



Do not install or place at the area with below 0°C (32°F).

It can cause product damage by ice formation inside of product.



Install the water purifier in clean area.

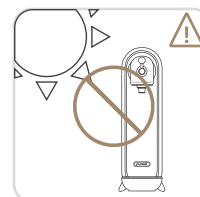
If the product is installed in a place where water is easily polluted or where the surroundings are polluted, it may cause product malfunction.



If the temperature falls below 0°C(32°F) in the winter, the water inside the filter and hose may freeze and break, so be careful not to lower the temperature around the product installation place below 0 °C(32°F).

Safety Precaution

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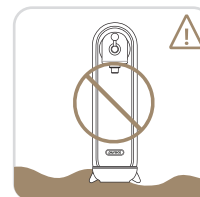
Avoid place with high temperature and direct sunlight area when installing.

It can cause product discoloration.



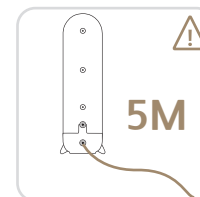
Clean the product periodically.

For preventing product damage, noise and wound.



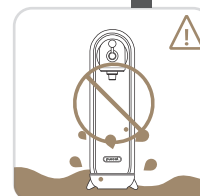
Do not let water get inside of the water purifier.

It can cause product damage.



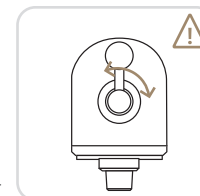
Do not let the length of the water supply hose be more than 5m to the water supply valve.

It can cause low product performance.



Avoid installation in humid, dusty places, or places where water splashes directly.

It can cause product damage.



Do not let children touch the lever often.

It can cause product damage and water leak, and property damage may occur.



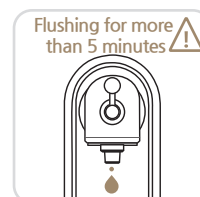
Use it after closing the product door completely.

Insects or foreign objects can enter and cause product malfunction.



Replace the filter according to the replacement cycle.

It may cause deterioration of water purification performance and the occurrence of odor. Refer to 12p for filter replacement.



When reuse after a long period of non-use, please use after flushing for more than 5 minutes



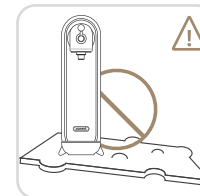
Be sure to use the standard filter.

Using a filter other than the standard filter can cause water deterioration, water abnormality, water leakage, or product malfunction.



Do not use purified water for fish in aquarium.

Purified water can NOT be suitable for fish and cause death.



Do not install on uneven or inclined floor and do not put on sitting cushion, carpet, pallet and floor pad.

It can cause not only damage and noise, but also injury to the user.

Safety Warning

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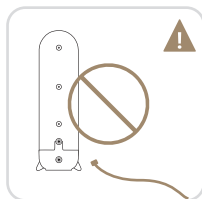
Caution If not followed correctly, the user may sustain minor injury or lose properties.



Warning If not followed correctly, the user may sustain a serious injury or may lose properties.

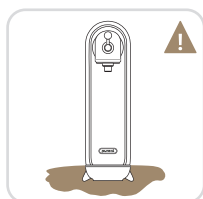


Danger If not followed correctly, the user may sustain a serious injury or may die.

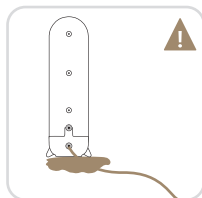


Do not remove hose when water purifier is running.

It can cause product damage or water leak by hose disconnection.

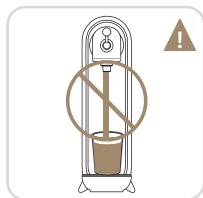


In case of water leak, please turn off the tap water valve and contact to the customer service center or dealer.



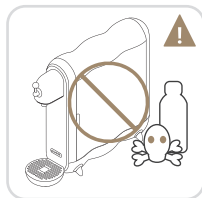
Check water leak at the tube and connecting area of in & outlet.

If screws, etc. are loosened, it can cause property damage by water leak.



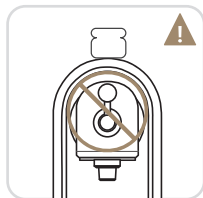
Do not move the product when it is running.

It can cause product damage or water leak by hose disconnection.



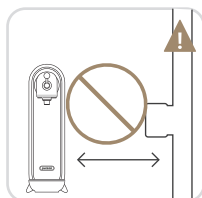
When cleaning the product, do not use benzene, thinner and other chemical substance.

It can cause product damage.



Do not put metalloid, chemical and water bottle on the product.

It can cause product damage.



Do not install close to place where combustible gas can leak or electric heating instrument.

It may cause explosion or fire.



Do not place heating appliances or flammable substances on the product.

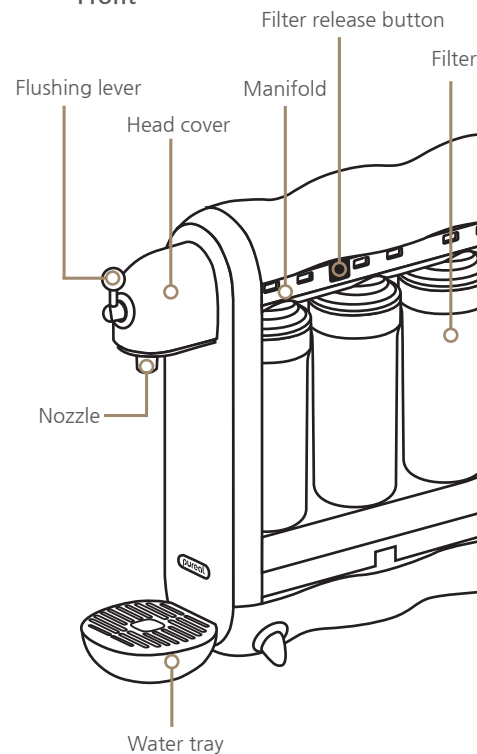
It may cause fire or accident.

The names of each part

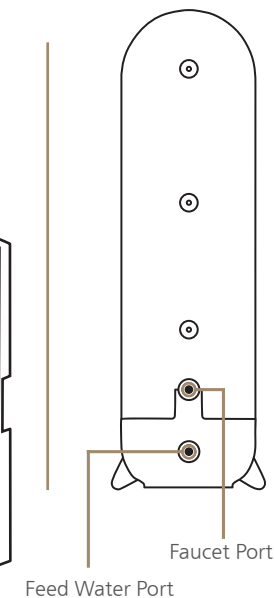
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Parts name

• Front



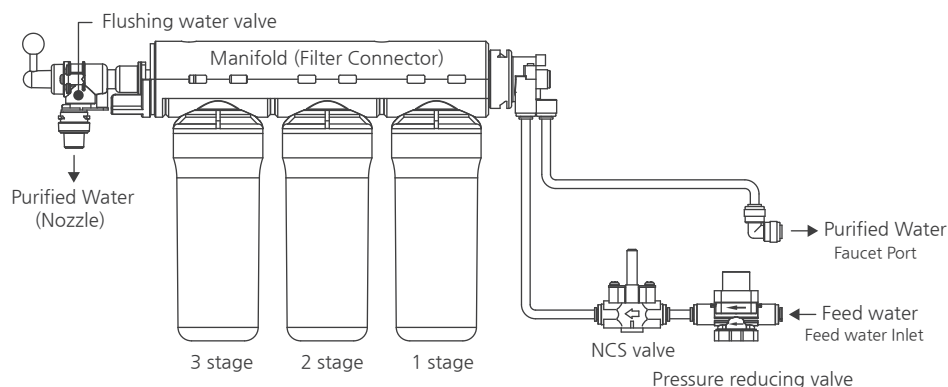
• Back



Parts list

- USER MANUAL
- 1 Year Filter Pack

Water flow diagram



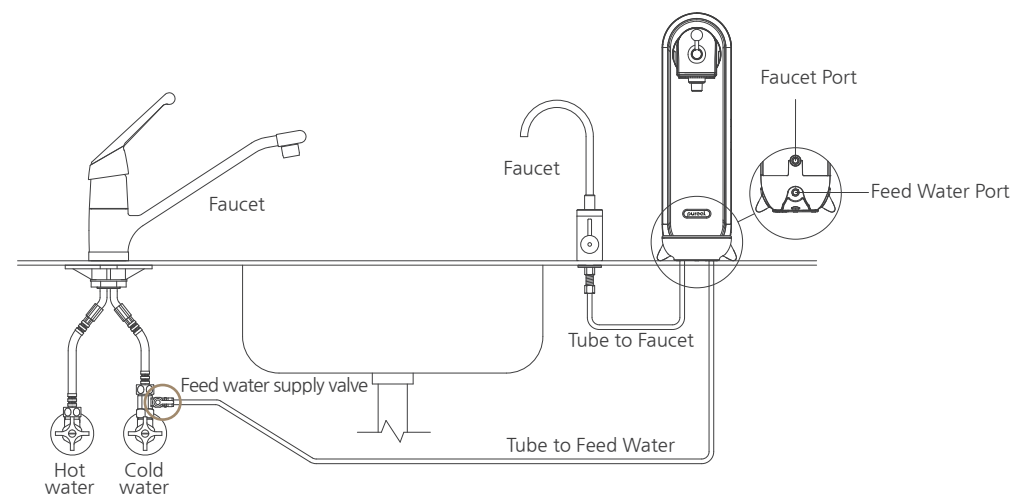
- It is more hygienic and convenient to install the additional faucet in the sink to use it for washing fruits, vegetables and rice.

Water purification system

Item	Name	Function
Stage 1	Composite Carbon Block PLUS Filter	Removal of residual chlorine, chloroform and volatile organic compounds
Stage 2	Electro Positive Membrane PLUS Filter	Removal of microorganisms, fine suspended solids, and heavy metals (mercury, iron, lead, aluminum, cadmium)
Stage 3	Silver Carbon Block PLUS Filter	Removal of residual chlorine, chloroform and volatile organic compounds, water taste improvement

- If not use standard filter or over replacement cycle, it can cause performance deterioration.
- 1 YEAR Filter Pack is included in the product.

Water flow diagram



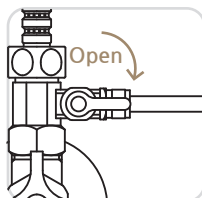
Installation

- Install tap water valve at cold tap water supply.
Valve should be closed before installation. Be sure to install on the cold water connection. It can cause water filter and product damage with hot water connection.
- Connect the feed water supply hose to the feed water Inlet on the back of the product.
Connect to the exact position of the feed water Inlet.
- Open the feed water valve
- Close the filter door.
- After the installation, make sure the hose's joint and feed water valve do not leak.
Feed water supply valve (hose), Feed water Inlet

※ Use only tap water. Do not use underground water or others

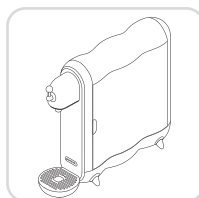
Check points before use

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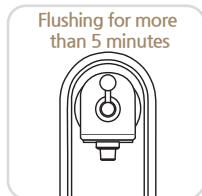
Open the tap water valve before using.

Check tap water still running first and then open the tap water valve.



Check the door is keep closing.

If the door opens, the water will not pass into the water purifier.



Flush (make water purifier run) more than 5 mins after long time no use or install a new product.



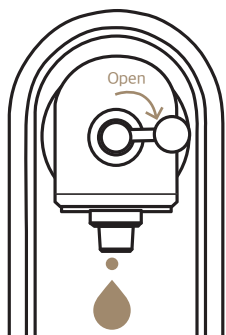
Caution : Close the tap water valve in case of long time no usage.

※ When using the product for the first time or replacing the filter, fine bubbles may be generated for a certain period of time, this is a phenomenon that occurs when the air in the filter passes through the membrane and is harmless to the human body.

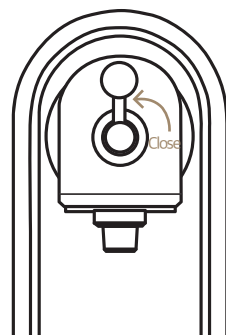
How to use

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● Flushing Water



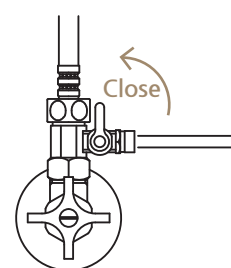
- Turn water lever to clockwise. Water comes out.



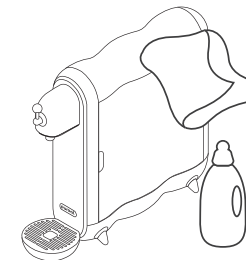
- Turn water lever to counterclockwise. Water does not flow.

How to clean water purifier body

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- 01 Close the feed water valve.



- 02 Use neutral detergent to clean the body and use a soft & dry cloth to clean lastly.

How to clean the water tray

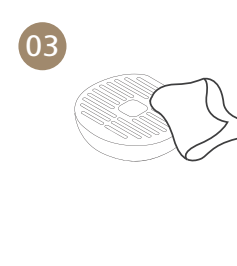
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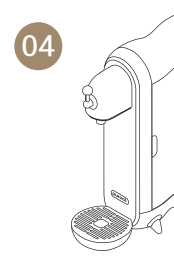
01



02



03

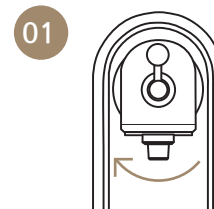


04

- 01 Pull out the tray and disassemble.
- 02 Pull out tray cover and disassemble.
- 03 Throw away water and clean the tray by soft cloth.
- 04 Assemble the tray and tray cover by opposite way of above.

How to clean the nozzle

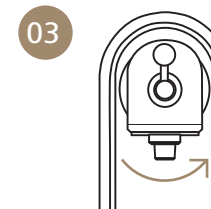
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01



02

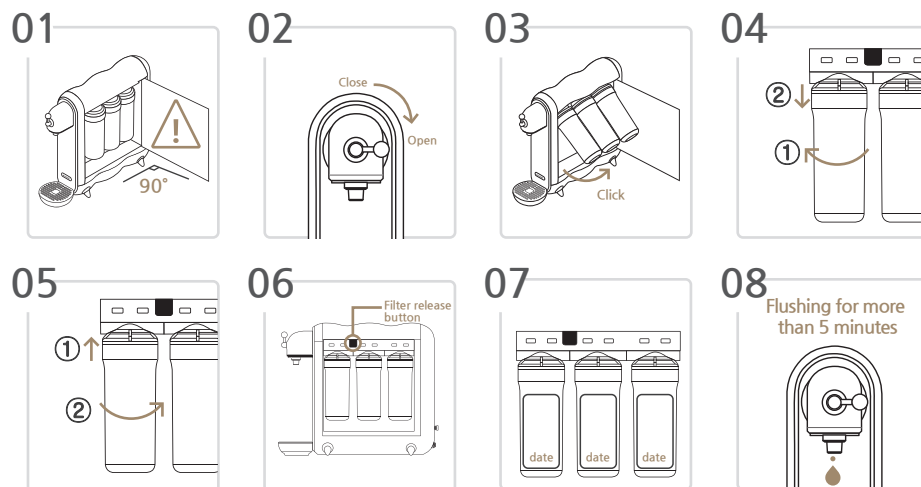


03

- 01 Turn water nozzle by turning it clockwise.
- 02 Clean the nozzle.
- 03 Put it back by turning it counterclockwise

How to replace filters

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01 Open the filter door.

When door opens, it will automatically shutoff water flow.
Damage may occur when attempting to open the door more than 90°.

02 Please remove the remaining water in the machine by turning the lever to clockwise.

Then close the lever to counterclockwise.
If the remaining water in the machine is not removed, the 'pop' sound can be occurred during filter replacement.

03 Lift the filter until it clicks and fix it.

04 Lift the filter and turn it to the left for filter removing.

When disassembling filter, some water can be out from filter. It is not water leak.

05 Place the new filter to the connector and turn it to the right.

06 Press the filter release button on the manifold (filter connector) to put the filter in place.

07 Mark replacement date on each filter.

It's easy to manage filter replacement cycle.

08 Make water purifier keep running for 5 mins to stabilize new filter.

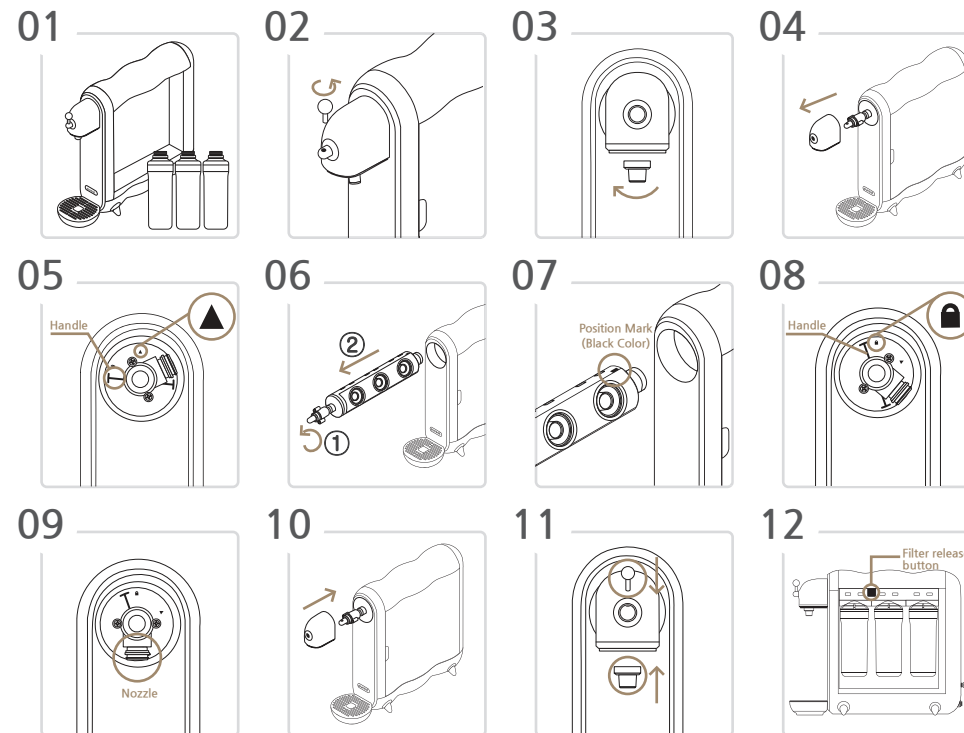
- Black-colored water may come out due to activated carbon powder or initial activated-carbon.
Cloudy water may come out due to water bubble.
Thus, running 5 mins of the water purifier necessary for new filter stabilization.

- Using faucet to keep running for 5 mins, it helps to maintain product status.

※ Be sure to use the standard filter.

How to replace the manifold

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01 Disconnect all filters

02 Turn the handle of the flushing lever to the right to disassemble.

03 Turn the nozzle to the left to disassemble.

04 Pull out the head cover on the top and disassemble.

05 Grab the handle of the manifold (filter connector) and turn to set the triangle(▲) to the face up.

06 Pull out the manifold and disassemble.

07 Push the manifold to be replaced and position mark (black color) to the 12 o'clock position to the end.

08 Grab the handle of the manifold and turn to set the lock image (🔒) to the face up.

09 Turn the nozzle of the flushing water valve to face down

10 Assemble the disassembled head cover.

11 Assemble the disassembled flushing lever and nozzle.

12 Connect the filters and press the filter release button to put the filters in place.

13 Close the door and flush for 5 mins to stabilize new filter.

Filter replacement cycle / Composition

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Expected filter replacement cycle

The filter replacement cycle is based on the use of 10L per day, filter life time depends on tap water quality.

Item	Filter name	Expected replacement cycle
Stage1	Composite Carbon Block PLUS Filter	4months
Stage2	Electro Positive Membrane PLUS Filter	12months
Stage3	Silver Carbon Block PLUS Filter	12months

Recommendation

Effective purification capacity

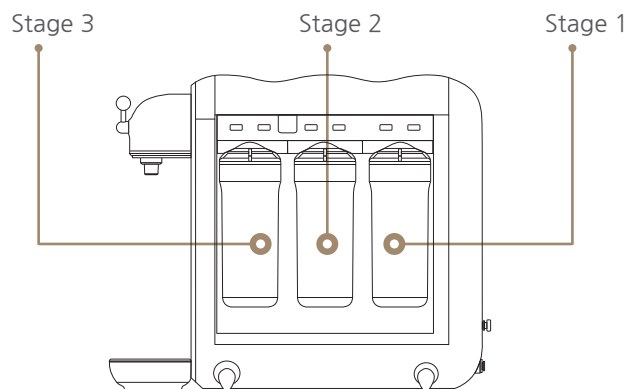
It means the minimum processing capacity that can effectively remove contaminants without cleaning, regenerating, or replacing filters inside the water purifier.

Filter replacement cycle

The filter replacement cycle refers to the time when the filters are carefully inspected and each filter is expected to perform well. It is calculated based on 10L use a day.

If the amount of daily water using is higher than 10L, the period can be shorter than standard.

Filter composition



※ Filters should be mounted in the order shown. If the order of the filters is mingled, the life of the filter can be shortened.

※ For detailed filter contents, please see the 8page

Check before reporting the failure

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If not followed by these instructions the product may not work properly.

In case of product malfunction, please check below chart.

Please contact us if you still have same problem.

Symptom	Check- up	Solution
The taste of water is strange.	-Is the water- purifier used for too long ? -Is not it the time for changing filter?	-Make water purifier keep running for 10 mins. -Replace to new filter. (Use standard filter)
Water is not coming.	-Is tap water supply is well?	-Open Tap water valve. -Check the hose is not folded. -Check the tap water is working properly.
The amount of filtered water reduced suddenly.	-Is not it the time for changing filter? -Is the Tap water valve closed?	-Replace to new filter. (Use standard filter) -Open the Tap water valve.
Water Purifier has big strange sound. (Noise)	-The floor under water purifier is flat? -Water purifier has touched with any other things? -It has noisy sound after water come out from cock?	-Install water purifier on flatted floor. Do not make any other things are touched with water purifier. -This water purifier is tankless model. So when water is used, the water comes through the water purifier from the tap instantly and it can make some sound. (It is normal)
There are some substances inside of purified water.	-Is not it the time for changing filter?	-Replace to new filter. (Use standard filter)
There is water leak.	-The place where the water purifier installed is moist?	-There may have condensation between cold area inside of water purifier and outside humidity. It is normal.

Product standard

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Product name	PUREAL Line Changer water purifier (PPA-300)
Manufacturer	PICOGRAM CO.,LTD. / KOREA
Installation place	House / Office
Weight	3 kg
Size	W110 × D405 × H340 mm
Working pressure	0.7 ~ 7 kg f / cm ²
Temperature	4 ~ 38 °C