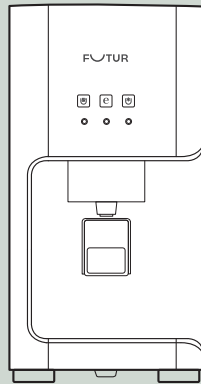
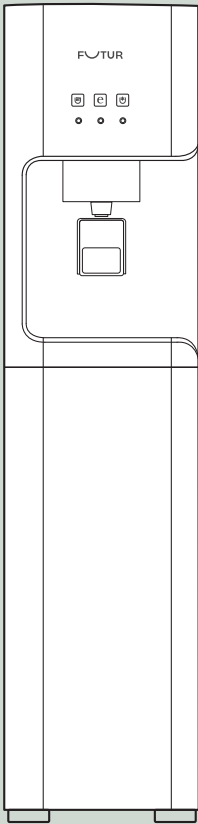


HOT&COLD WATER PURIFIER OPERATION MANUAL

FTL-004-BLA



◆ FOR YOUR SAFETY

- Precautions 2~7

◆ FOR INFORMATION

- Features 8
- Name of each part 9
- Filtration system 10
- How to use 11~12
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for your safety and proper use of the product, please read this User's Manual before use. Warranty card included in this Manual.

Precautions

- Please read carefully following precautions to avoid unpredictable dangers and damages.
- Depending on the degree of danger and damage that could occur by improper use, precautions are divided into 3 types as below.

⚠ Danger: If not observed, serious injury or even death could occur.

⚠ Warning : If not observed, serious injury or property damage could occur.

⚠ Caution : If not observed, slight injury or property damage could occur.

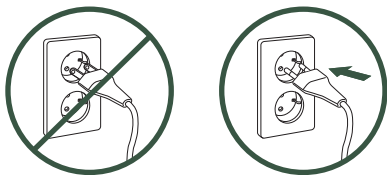
.....

⚠ This mark is for calling attention to dangers caused by improper use.
Please read carefully and follow the precautions.

Precautions for Power Supply

⚠ Danger This product must be plugged into AC220V-240V outlet.

※ Failure to do cause a fire or electric shock.



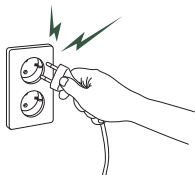
⚠ Danger Before operation, wipe dust or other foreign substances off on the plug.

※ Failure to do cause a fire or electric shock.



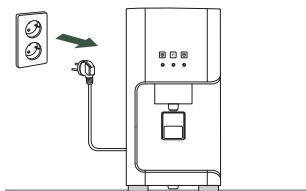
⚠ Danger DO NOT use when the plug is damaged or swinging.

※ Failure to do cause a fire or electric shock.
※ When the plug is damaged, contact customer service center or your purchasing place.




⚠ Danger Before replacing filter, unplug the power cord.

※ Failure to do cause electric shock.

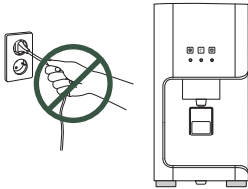



Precautions

Precautions for Power Supply

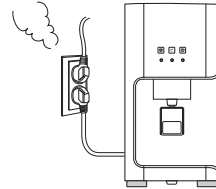
Danger  DO NOT try to bend, tie or pull the power cord.


※ Failure to do cause a fire or electric shock.



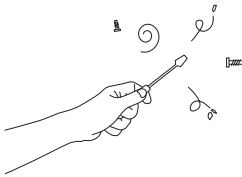
Danger  The outlet should be rated for more than 16A. Use a separate outlet for the unit.

※ Do not plug too many cords into the outlet, failure to do cause a fire.



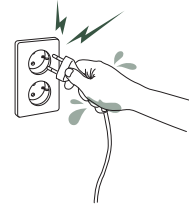
Danger  DO NOT disassemble or modify the plug.

※ Failure to do cause a fire or electric shock.



Danger  DO NOT plug in or unplug the power cord with wet hands.

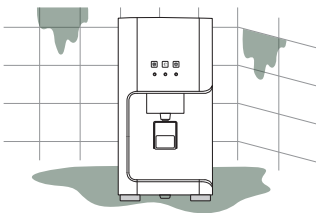
※ Failure to do cause electric shock.




Precautions for Use

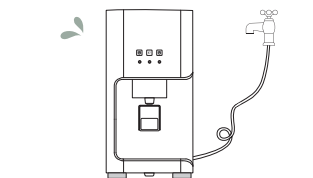
Danger  DO NOT install the unit at a moist place like bathhouse, shower room or outdoor.

※ Failure to do cause a fire or electric shock.



Danger  DO NOT let the inlet hose be twisted or bended.

※ Failure to do cause water leakage or electric shock.
※ The new hose-sets enclosed with the water purifier should be used instead of an old hose-sets.

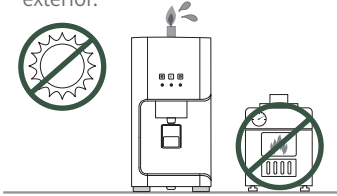


Precautions

Precautions for Installation

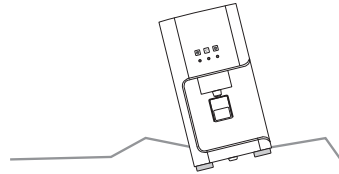
Caution Avoid heat or direct sunlight.

※ Failure to do cause a deformation of exterior.



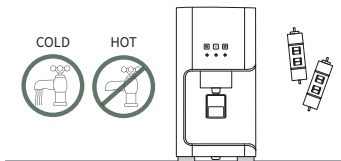
Caution Place the unit on a level surface and hard floor.

※ Failure to do cause malfunction.



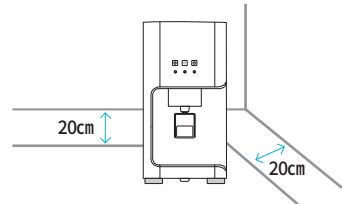
Caution Connect the unit only to the cold water pipe.

※ It is harmful for filters to connect to the hot water.



Caution Maintain a sufficient distance from the wall for ventilation. At least 20cm is recommended.

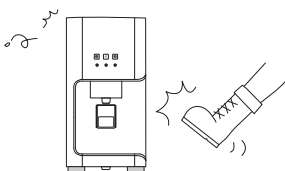
※ Failure to do cause malfunction.



Precautions for Use

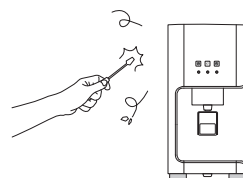
Danger DO NOT apply force to the unit.

※ Failure to do cause malfunction, damage or electric shock.




Danger DO NOT attempt to repair, disassemble or transform the unit.

※ Failure to do cause a fire or electric shock.

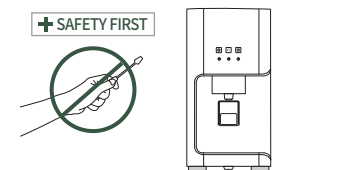



Precautions

Precautions for Use

Danger  DO NOT insert sharp wire or screwdriver into the unit.


※ Failure to do cause malfunction or electric shock.



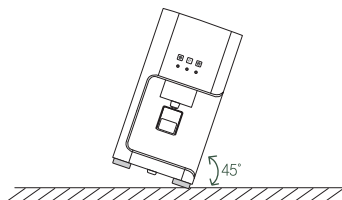
Warning  Be careful not to get burned by the hot water.


※ Failure to do cause scald.



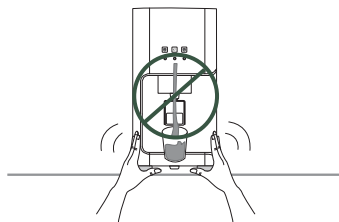
Caution  DO NOT tilt the unit more than 45° while moving it.

※ Failure to do cause malfunction.




Caution  DO NOT move the unit during the operation.

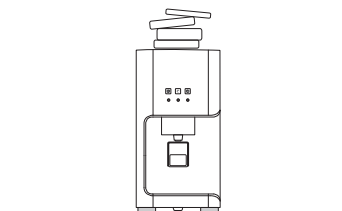
※ Failure to do cause malfunction.




Precautions for Installation

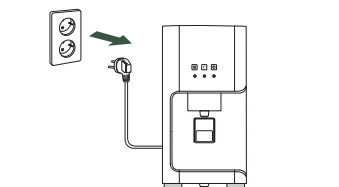
Caution  DO NOT put heavy stuff on the unit.

※ Failure to do cause damage to the unit.



Caution  When water supply is cut off, unplug the power cord.

※ Failure to do cause malfunction.



Precautions



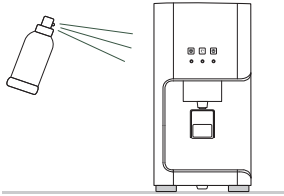
- When you discard the unit or filter, follow the proper process of disposal. It could cause environmental pollution.
- When installing the unit, use our genuine parts. It could cause water leakage or damage to the unit.
- When replacing filter, use our genuine one. It could affect water quality.
- Do not install the unit at the place where may cause freezing trouble.
- This appliances are provided with refrigerant gas, ISOBUTANE(R600a).
- The appliance must be transported and moved, taking maximum care to ensure that it is not excessively struck or shaken. Failure to observe the above rule, could put the appliance out of service.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not damage the refrigerant circuit. If damage to the refrigerating circuit, with possible outflow of refrigerating gas, could create risks of explosion caused by external sparks or flames.
- Do not, on any account, run your appliance if it appears to be damaged.
- In case of damage, contact the Service Center, ventilate the room where the appliance is located, and avoid flames or jobs on the appliance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is intended to be used in household and similar applications such as a office and a restaurant.
- DANGER: Flammable Refrigerants used. To be repaired only by trained service personnel. Do not puncture refrigerants tubing.
- CAUTION: Risk of Fire or Explosion. Dispose of Property in accordance with federal or local regulations.
- WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.
- WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.


Precautions

Precautions for Use

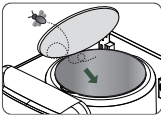
Caution  DO NOT use Benzene or gasoline when cleaning the product.

※ Failure to do so cause malfunction.





Caution  MAKE SURE that the cold water tank lid is securely shut, before using.

※ Failure to do so can cause insects and/or foreign objects to enter the tank.

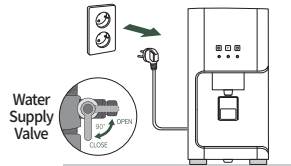


Caution  When discarding parts/filters and/or disposing the product entirely, please adhere to local guidelines.
※ Failure to do so can cause environmental pollution.

Caution  When installing the product, always use genuine parts.
※ Failure to do so can cause water leakage and product damage.

Danger  UNPLUG power and SHUT OFF water supply to the product when not in use over an extended period of time.
(Please make sure to drain out the water reservoir tanks prior to re-using the product after an extended period of non-use.)


※ Failure to do so can cause fire and/or water leakage.



※ This appliance is not intended for use by person(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

※ Children should be supervised to ensure that they do not play with the appliance.

Caution  When discarding parts/filters and/or disposing the product entirely, please adhere to local guidelines.
※ Failure to do so can cause environmental pollution.

Caution  When replacing filters, always use genuine filters.
※ Failure to do so can cause poor performance and poor water quality.

※ This appliance is not intended for used in household and similar applications such as
- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments
- bed and breakfast type environments;
- catering and similar non-retail applications.

Features

- ◆ **Power saving at night by ECO(illuminance sensor) function**

The ECO sensor automatically stops water heating & chilling and save electric charge, when it notices that illuminance around the unit darkens at night.

- ◆ **Child lock for hot water safety**

It is designed with double safety for children. When dispensing the hot water, push the safety button first, then pushing the hot water cock.

- ◆ **Continuous water dispensing function**

By this function, you can conveniently receive a large amount of water at once.

- ◆ **Self UV LED sterilization system**

Self UV LED sterilization system for ensuring the cleanness of the cold tank.

- ◆ **Thorough filtration system**

FTL-004-BLA : Alkaline/Micro carbon filter(Remove remaining chlorine and harmful organic chemicals and purify the water)-> KX Nano-fact filter (Remove water contaminants more than 0.2 micron such as waterborne micro-organisms, bacteria and virus by Cellulose Nano Fiber) -> Post carbon filter (Removing sediment particles and chlorine, bad taste and odor as well)

- ◆ **Safety in using hot water**

Anti-Superheating function of heater (by manual reset type of bi-metal) & automatic temperature control function(by automatic reset type of bi-metal) keep you safe from hot water.

- ◆ **Water level control function**

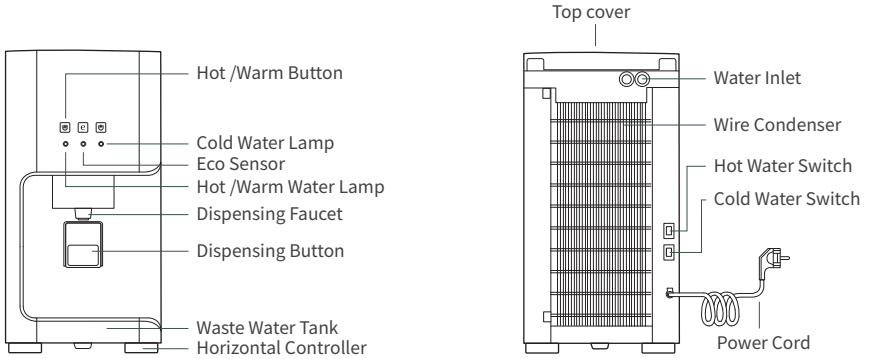
Automatic water level control function ensures durability of the filters & unit.

- ◆ **Fresh water supply**

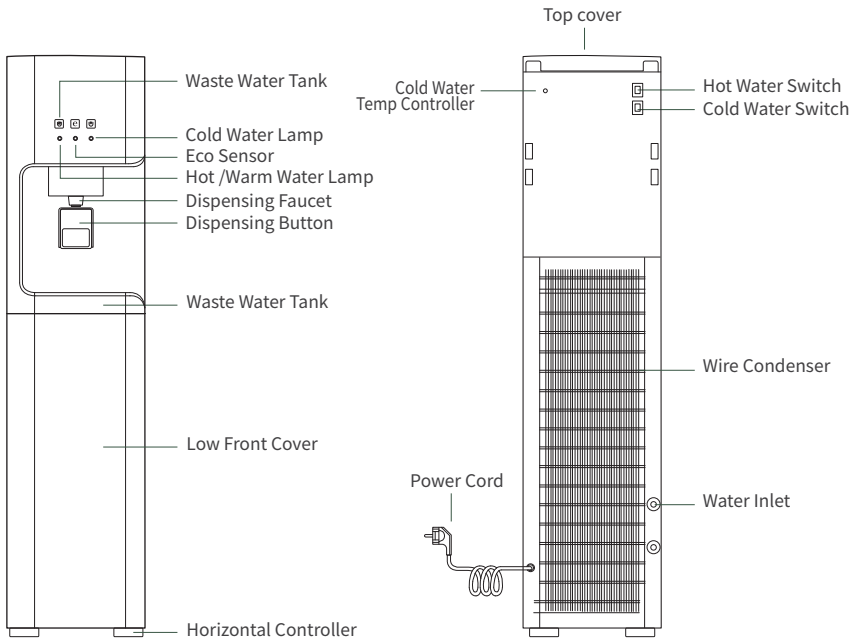
4~12°C of cold water and 70~90°C of hot water are available at any time.

Name of each part

Model No / FTL-004-BLA

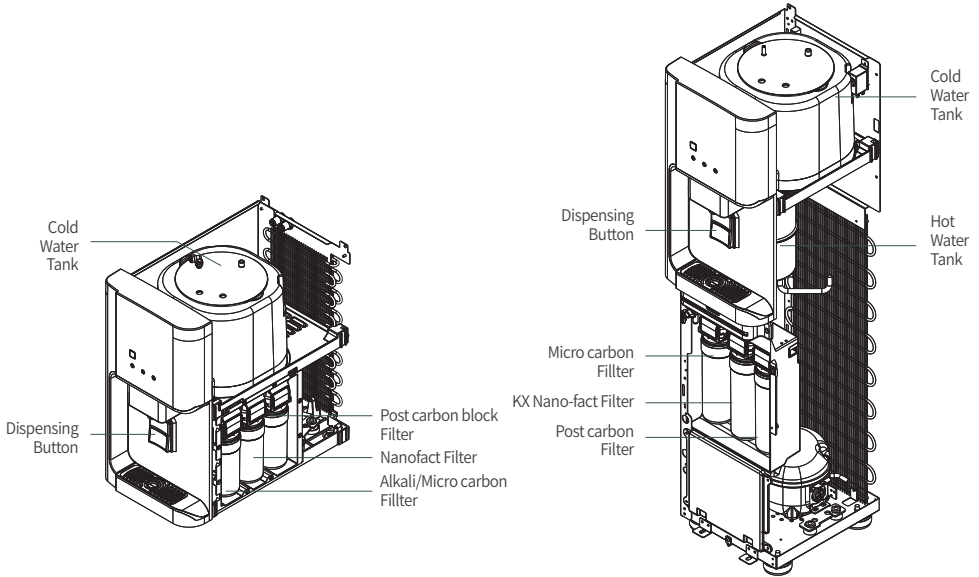


Model No / FTL-004-BLA



Filtration system

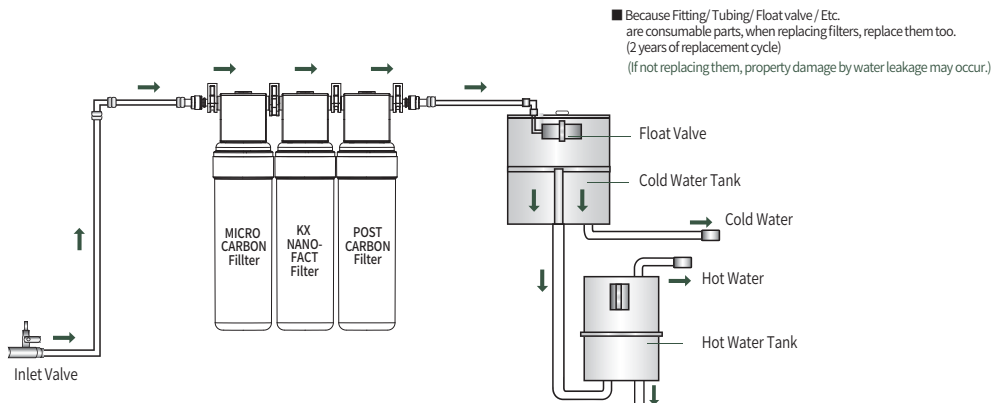
Interior diagram



Model No / FTL-004-BLA

Model No / FTL-004-BLA

Filtration system

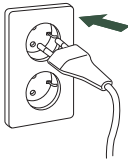


How to use

※ For your safety and proper use of the product, please read and understand the following before use

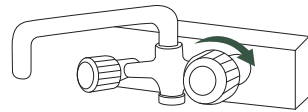
1. Plug the power cord.

※ Before plugging, please check if the voltage rate is matched.



2. Open the water supply valve.

※ If water supply valve is closed, the water purifier doesn't work. (Except in case of going outside for a long time, leave the valve open.)



1) How to set ECO function

ECO function helps to reduce power consumption by automatically turning off the heating functions when no light surrounding the product is detected by the illuminance sensor. When brightness is detected by the illuminance sensor, ECO function is terminated to automatically begin heating again.

- ① When pressing the hot water and child lock button at the same time for 5 seconds or more, the ECO function is activated.

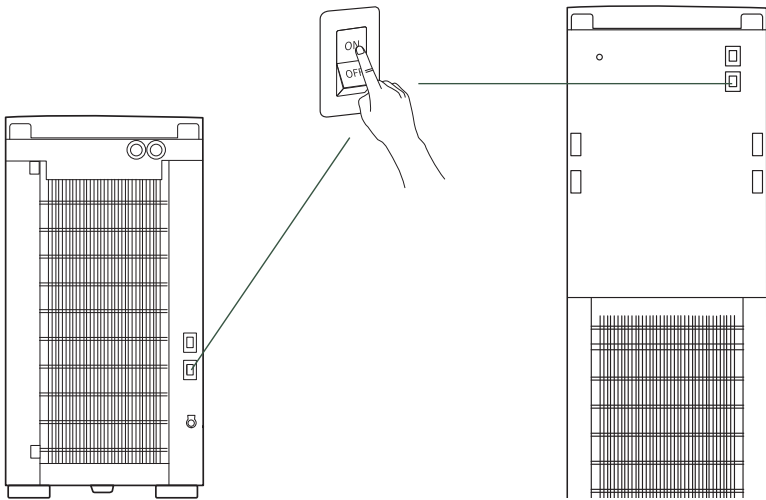
2) How to use hot water function

- ① Turn on the Hot Water Switch located at the back of the product.
 - ② When Hot Water Lamp is turned on, the Hot Water Function is activated.
 - ③ Please allow approximately 30 minutes for the hot water to heat up after the Hot Water Switch is turned on.
 - ④ Please allow sufficient time for the Hot Water Tank to fill up with water.
 - ⑤ How to dispense Hot Water
 - Please press the Hot Water Safety Lock and then push the hot water lever to dispense hot water.
 - To stop dispensing Hot Water, please pull your hand away from the hot water lever.
- ※ If you press the hot water button twice and then, press the dispesing button within 3 seconds, it is able to use lukewarm water.

How to use

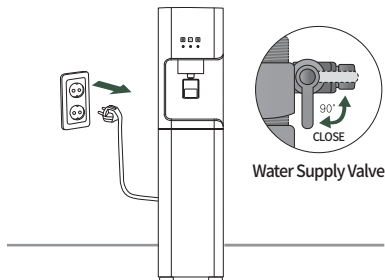
3) How to use cold water function

- ① Turn on the Cold Water Switch located at the back of the product.
- ② When Cold Water Lamp is turned on, the Cold Water Function is activated.
- ③ Please allow approximately 60 minutes to chill the water enough in the Cold Tank.
- ④ Please allow sufficient time for the Hot Water Tank to fill up with water.
- ⑤ How to dispense Cold Water
 - Please press the dispensing button. During the button pressed cold water comes out.
 - To stop dispensing Cold Water, please pull your hand away from the dispensing button.

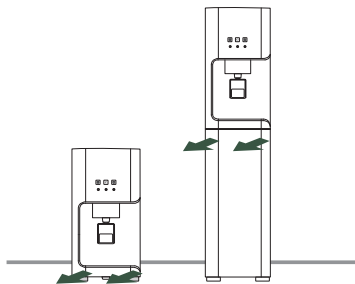


Filter replacement method & Cycle

1. When replacing a filter, unplug the power cord and close the water supply valve.

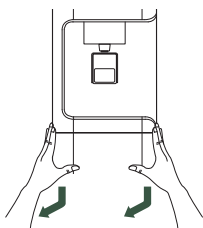


2. Remove the drip tray.



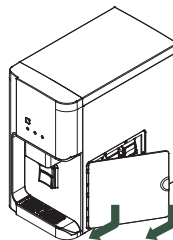
3. After unscrewed on lower front panel, push it down and pull forward to remove it.

Model No. / FTL-004-BLA

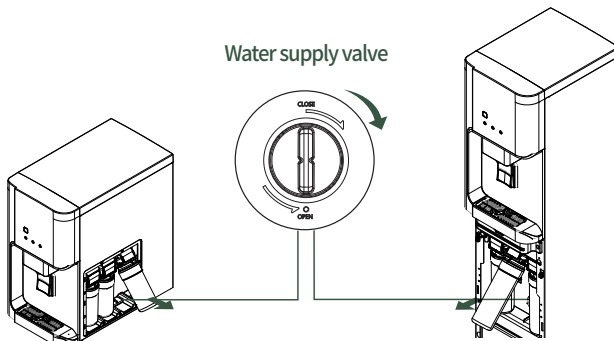


3-1. Open the filter cover on the right side.

Model No. / FTL-004-BLA

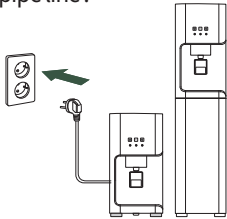


4. Lift up the carbon block filter and close the water valve by turning it to be horizontal.

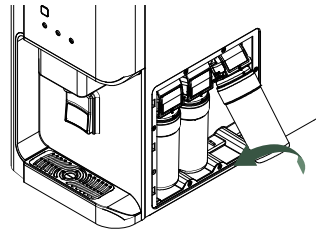


Filter replacement method & Cycle

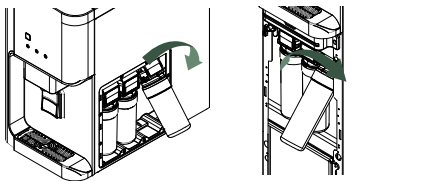
5. Plug the power cord and turn on the hot water switch and the cold water switch at the back side of the unit.
6. Dispense the cold water few times to release the residual water and the internal pressure on the pipe line.



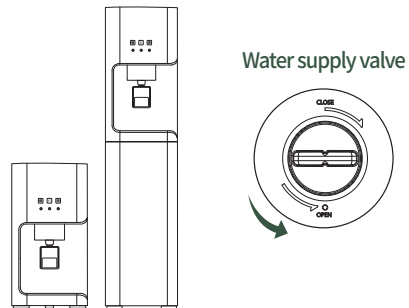
7. Take out the filter by turning it counter clockwise.



8. Remove the protection cap of the new filter and insert the new filter into filter connector by turning it clockwise.



9. Open the water supply valve by turning it to be vertical.



Filter replacement method & Cycle



Caution

- Follow the filter replacement cycle to keep the best water quality.
- Untimely filter changes that exceed the recommended replacement cycle will significantly reduce filter performance and degrade the water quality.
- The filter replacement cycle may vary depending on feed water quality and consumption.
- Always use genuine filters for filter replacement.
(Water quality and performance shall be affected negatively if using non-genuine filters.)
 - ※ It is strongly recommended that an authorized technician performs all filter exchange service.
 - ※ Manufacturer/Distributor is not responsible for any service provided by an unauthorized third-party technician.
- The filter replacement cycle is recommended regardless of the water volume used.
- Effective purification capacity means the minimum water purification capacity that can effectively remove contaminants without cleaning, regenerating, or replacing the filters.
- The period is based on 20ℓ use in a day for home use. (4 people based)

Division	1ST STEP	2ND STEP	3RD STEP
Filter	Micro carbon filter	KX Nano-fact filter	Post carbon filter
Replacement Cycle	2400ℓ used	4800ℓ used	4800ℓ used

Solution to common problems

※ Please refer to the common troubleshooting solutions before contacting customer service center.

Problem	Expected Cause	Solution
Insufficiently heated water	Low power supply	Check if the power supply is applied with the rated voltage in use, and if not, apply with the rated voltage in use.
	Hot water switch off	Check to make sure that the hot water switch is turned on.
Insufficiently chilled water	Low power supply	Check if the power supply is applied with the rated voltage in use, and if not, apply with the rated voltage in use.
	Cold water switch off	Check to make sure that the cold water switch is turned on.
No water comes out	Filter Change required	Check the replacement cycle and contact service center.
	Water supply is cut off	Leave the power unplugged and re-start with filtration when the power is supplied.
	Connecting hose bending	If there is a bending in connecting hose, straighten the part.
No heating	Temperature Controller Shut Down/Heater Malfunction	Turn off the hot water switch and contact local customer service center. (Temp.Controller automatically shuts of power supply to hot water tank to prevent overheating.)
Abnormal Hot & Cold Water temperature	Heavy water consumption	High volume of water consumption will cause the water temperatures to fluctuate. Please allow 5-10 minutes for the temperatures to recover.
Noisy Sound	Compressor Operating Sound	When the compressor is activated, it is normal to hear sounds of the refrigerant flowing through the system. (It is not malfunction. And depending on the temperature change inside the machine, some parts shall be shirked or expanded so there will be make a sound "clicking".)

Solution to common problems

※ Please refer to the common troubleshooting solutions before contacting customer service center.

Problem	Expected Cause	Solution
Low water production	Filters need to be replaced.	Replace filters.
	Low pressure feed water	Depending on the water pressure of the environment, water production will vary.
Water Leakage	Poor Connection to Water Supply	Shut off water supply valve and contact local customer service center immediately.
Unpleasant water taste or odors	Post carbon filter expired.	Check the replacement cycle for Post carbon / Alkaline and contact customer service center.
	Not used for more than 3 days	After draining the hot water and cold water over 3L, use the unit.
	Poor Environment Conditions	Clean the hose of cold water and cold water tank.
Particles shown from the purified water	Bubbles when the water supply	If the bubbles from water is not settled down after 15 minutes, please contact the local customer center.

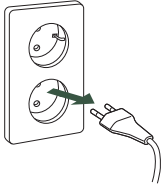
※ If a problem comes up, contact us at support@futurliving.com.sg and get filter replacement or repair service.

※ We can not take responsibility for any damage due to the filter replacement by third party who is not our service man.

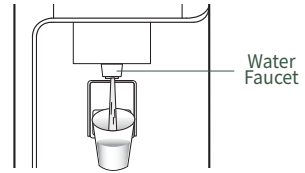
Cleaning method & Cycle

COLD TANK & HOT TANK CLEANING

1. Close the water supply valve and unplug the power cord.

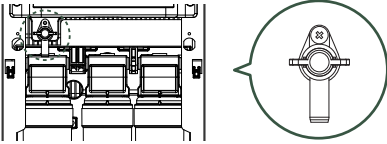


2. Drain all water in the cold tank by dispensing it from the cold water nozzle.

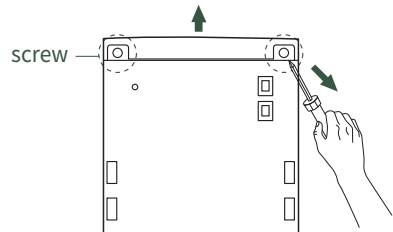


3. Remove the lower panel and open the drain valve to drain the remaining water completely.

- Please be careful when draining out the hot water as it may cause severe burns.

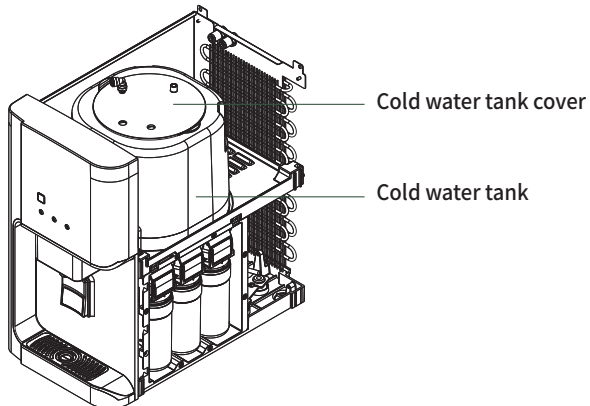


4. Unscrew the two screws on the left and right at the back of the product and remove the top cover.



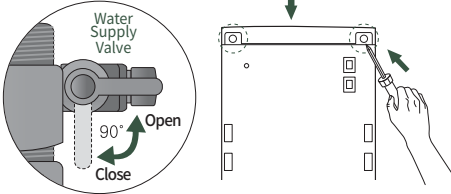
5. Clean the cold tank by flushing it out with water. After washing with water, make sure to close the drain valve and then put the lid on the water tank.

- Before use, entirely close the cold tank cover in the unit. Insects or foreign substance may get inside of the product.

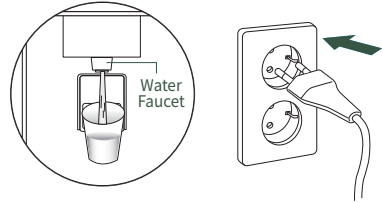


Cleaning method & Cycle

6. Open water supply valve and check for any water leakage until the cold tank is completely full. Then, put the cold tank cover back on top of the tank.



7. After checked whether dispensed out the hot water from the faucet or not, plug the power cord.



8. Please monitor the product for a day for any leakage.

- If there is any water leakage, please contact the local customer service center immediately.

Cleaning Cycle

Cleaning	Cycle	Method
Exterior	Once a week	Clean exterior with a non-abrasive soft cloth. (Never us Benzene, gasoline or thinner to clean the product.)
Drip tray	Frequently	Clean the drip tray with a neutral detergent frequently.
Fitting / Tubing	More than every 2 years	Check all fitting and tubings when change the filter. Replace fittings and tubings, if necessary.
Water intake Nozzle	Once a day	Unscrew the nozzle in a counterclockwise direction to separate it. Then thoroughly clean the nozzle openings with a sterilized swab. After cleaning, please screw the nozzle back on tightly.

Specifications

Product Name	HOT&COLD WATER PURIFIER	
Model No.	FTL-004-BLA	
Power Supply	220-240V / 50Hz	
External dimensions	260(W) x 459(D) x 496(H) mm	
Recommended water consumption	10ℓ / a day (4 people based)	
Cold water capacity	About 3.0ℓ	
Cold water temperature	About 4°C~12°C	
Motor power consumption	0.8A	
Heater power consumption	430-510W	
Hot water capacity	About 1.8ℓ	About 1.4ℓ
Hot water temperature	About 70°C~90°C	
Service condition	Working pressure : 127 ~ 294kpa	
	Working temperature : 5~35°C	
	Usable feed water : Tap water	