

ChungHo Water Purifier **OMNi**

User's Manual

CHP-4030D

- * Read the user's manual thoroughly before using the unit.
- * Design and color may differ from the picture.
- * Unit appearance, specification, etc. are subject to change without prior notice if necessary for improving unit performance.
- * The rated voltage of this unit is 220-240 V~ / 50 Hz only.



Greetings

Thank you for your excellent choice of purchasing ChungHo Nais water purifier.

ChungHo Nais water purifier is designed and manufactured to meet the standard specifications and we only produce products with components of 90% reliability and 95% confidence level through rigorous quality tests that include impact tests, high temperature and humidity, and component reliability test.

We are sure that the ChungHo Nais water purifier, which is produced through this production process, will be able to satisfy you with its excellent quality.

Please read carefully this manual before installing and using this product and save it after reading.

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1. Product features

- 1 Compact size (width: 29 cm)**

Compact-sized water purifier can be installed freely where you want as effectively utilizing the space.
- 2 Extended water dispensing space**

It is convenient to take water by any shape of bottle as big as 1.5L bottle as capacity with the dispensing height of more than 25cm.
- 3 ACS smart cleaning function**

This makes users not to worry about contamination by bacteria as it empties the ambient water and cold tank automatically once every 4 days in fixed time and fill the clean water.
- 4 Dual heating system**

Hot water is made by instant heating method and hot tank heating method and users can easily select the method by their preference. It enhances energy efficiency.
- 5 Easy filters replacement**

It is convenient to replace filters as they could be detached by just lifting them.
- 6 Touch sensor application**

Unlike ordinary button applications, the product has built-in touch sensor buttons. The easy-to-use sensor application is designed for effortless and enjoyable drinking water.
- 7 One-touch drainage function system**

It is more convenient that it can empty ambient and cold water within by simple touch of one button.
- 8 Water level detection sensor**

Differed from ordinary float level sensor, the capacitive sensor is used for improving water level detection accuracy without a float. Capacitive sensor stably detects water level in more reliable and safer way. The signal from the sensor is sent to a controller in order to automatically adjust purified water level.
- 9 Constant water dispensing function**

It enables users to take ambient or cold water constantly by setting constant water function and pressing water dispensing button up to 0.5L.

1. Product features

10 Operation by sensors

Hot water temp. sensor/room temp. sensor, cold water temp/ sensor are built in the machine.

11 Water leakage valve

The source water is blocked by water leakage valve, if it detects any leakage inside the product.

12 Display of abnormal occurrence and reinforced safety function

The safety features of the unit have been enhanced in order to prevent various problems from occurring. The system will inform the user of abnormal occurrences through a flashing display LED and by automatically stopping the water purification function when an abnormality in the system is detected.

13 Automatic water dispensing

This system function is convenient to the user as it enables ambient water, cold water and hot water to serve by pressing a button slightly.

14 Operation beep sound

This provides users with sound effects (Ding, Dingdong~ etc) which indicate operation setting upon pressing button by changing its sound.

15 Default function

Water selection is programmed to return to cold water selection which is most frequented water temperature even after ambient water is selected. (after 10sec.)

16 Filter cleaning system

Applied the automatic cleaning system that always keeps the best filter performance by removing the accumulated contaminants inside the filter.

2. Safety precautions

※ Precaution is classified into “Warning” and “Caution” and it has the following meaning.



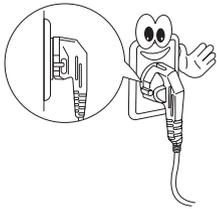
Warning

In case of possible accident with serious injury or death due to breach of the indication

- If the power cord is damaged, please contact the authorized dealer.
(Do not use a damaged or loose outlet. There is a risk of electric shock or fire.)
- Do not touch the power plug with wet hands.
(There is a risk of electric shock.)



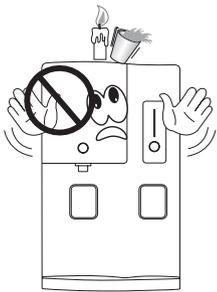
- Keep the cord out of heavy traffic areas.
(Possible cause of fire due to abnormal electricity outlet heating.)
- Use a single power supply with more than 10 A for multi-tap current.



- Insert the power plug in a stable position properly in order to avoid swinging.
(Unstable connection may cause a fire.)



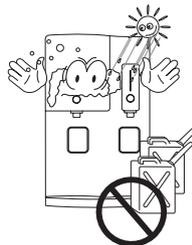
- Do not bend the power cord excessively or press it with heavy objects to avoid breakage.
(There is a risk of electric shock or fire.)



- Do not place candles, cigarettes, etc. onto the product or install it near heating device.
(There is a risk of fire.)
- Do not place any objects containing water, chemicals, or small objects onto the product.
(There is a risk of electric shock or fire when it goes into the product.)



- Do not disassemble, repair or modify the product if it is damaged or has malfunctions.



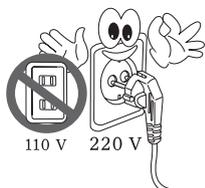
- Do not install the unit around largely damp areas, a place near flammable materials, or a place exposed to rain or snow.
(There is a risk of electric shock or fire.)

2. Safety precautions

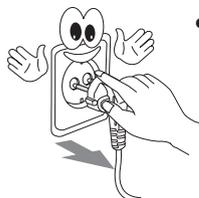


Warning

In case of possible Injury or property damage and product degradation due to breach of the indication



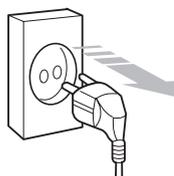
- This product is only for 220-240 V~ / 50 Hz. Please connect the correct power.



- Do not pull on the power cord. Be sure to hold the power plug to pull it out.
(If the power cord is damaged, there is a risk of electric shock or fire.)



- If there is dirt or water on the pin contact part of the power plug, wipe it off well.
(There is a risk of electric shock or fire.)



- Be sure to unplug the power cord before cleaning the inside of the product.
(There is a risk of electric shock or fire.)

- Children should be supervised to ensure that they do not play with the appliance.
- This appliance is not intended for use by persons (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.

- Replacement of supply cord is intended to be made by the manufacturer or service agent.
- The instructions for appliances connected to the water mains by detachable hose-sets shall state that the new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

※ This phenomenon is not a malfunction.

- The motor sound that comes out from the inside of the product is the compressor sound generated when the cold water is running and the sound is not a malfunction because it is a normal noise generated during cold water operation.
- The water is drained through the water removal line. This is not a malfunction but normal operation due to filter cleaning.

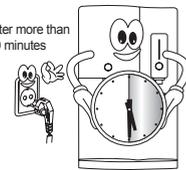
2. Safety precautions



Caution

In case of possible Injury or property damage and product degradation due to breach of the indication

After more than 30 minutes



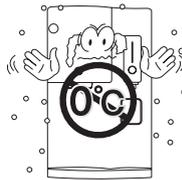
- After the product has been moved, supply the power after more than 30 minutes to stabilize the product.



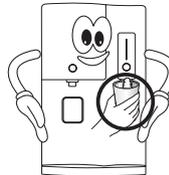
- Do not put any covering on the rear and side of the unit.
(Blocking ventilation holes may raise inside temperatures and cause system malfunction or even system stoppage.)



- Do not operate the product when it is not level.
(May cause device malfunction or breakdown)
- When transporting the product, do not tilt more than 45°.
(Heavily tilted may cause performance degradation.)
- Do not install it in an inclined or unstable place.
(It may cause performance degradation or fall down which may cause injury or breakdown.)



- Do not install it in a place where the ambient temperature may fall below 0 °C.



- To avoid burns from hot water, use containers such as a cup during hot water dispensing.

- Keep tubes fixed properly so as not to splash around area with water from brine tube.

- Contact the authorized dealer for any question.

3. Installation precautions

- 1 When installing the product, do not install it in the following places.
 - Nearby fire • Nearby flammable materials • Humid place • In front of the cooling and heating device
 - Exposed to snow or rain • Outdoors or with direct sunlight
 - Nearby chemical product (volatile substance, organic solvents, etc.) • Place close to the toilet
 - Places with temperature below 0°C or possible temperature drop down below 0°C

- 2 Use within the following water quality range.
 - Water pressure: 0.5 to 7 kgf / cm² (50 to 686 kPa) • Water temperature: 4 ~ 38 °C
 - pH: 5.8 ~ 8.5 • Hardness: 300 ppm or less
 - Turbidity: Less than 0.5 NTU • Water quality: Biologically safe water quality

※ Please consult with us when using the device in other water quality than the described above.

※ When using the water out of range, discuss it with the authorized dealer. If not, the unit can be excluded from the stated warranty.

- 3 When transporting the unit, do not tilt it over 45°.
 - ※ Severe tilting can cause a performance degradation.

- 4 Please install the product on a flat surface and make sure to level the product using a leveling device after installation.
 - ※ If the product tilts more than 3°, water overflow may occur.

- 5 Do not connect hot water (above 38°C) to the product.
 - ※ It may cause performance degradation and malfunction.

- 6 Keep the unit approximately 20cm away from the wall for proper ventilation.

- 7 Do not place any heat-generating product near the unit.

- 8 When connecting tube, ensure that the tube is not bent or pressed down by heavy objects, etc.
 - ※ If the tubing hose is blocked, the water will not flow smoothly, which may cause malfunction.

- 9 Adjust the tube so that brine water may not splash surrounding area.
 - ※ Brine water can easily be used for other purposes, such as bathroom cleaning, house cleaning, laundering, washing, etc. Never use the drainage water for drinking or cooking.

- 10 When installing more than one unit(water purifier, shower softener, etc.) source water and brine tube need to be connected independently from others.

4. Installation guide

※ Service engineer install the unit. You should check if the unit is properly installed.

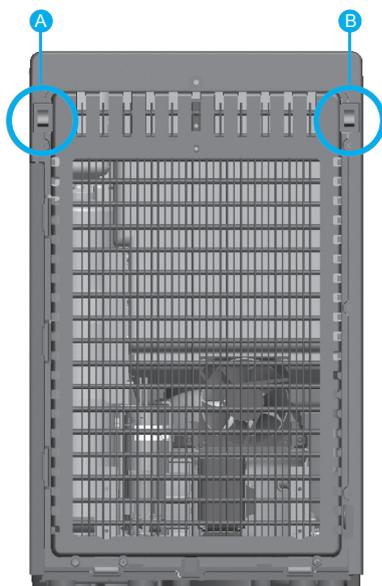
- 1 Install the product vertically (Vertical degree of product should be adjusted vertically using crutch and verified by leveler).
 - ※ It is recommended to install the product on a sink band or table higher than 80cm above the floor.
- 2 Shut off water supply valve and separate the connector part of tap water in order to connect an adapter (Source water valve). Then, connect the adapter (Source water valve).
 - ※ If a sealing rubber (packing) is missing or the thread of a screw is damaged, it may occur water leakage.
- 3 Connect the adapter (Source water valve) and a water inlet on the rear of the unit with a tube.
- 4 Connect tube to brine hole on the back of the unit. And then, place tube to drain hole such as sink, toilet etc.
- 5 Do not plug in the power for 30 minutes in order to stabilize the cooling system and safe use of unit.
- 6 Turn on water supply valve connected to the house and position the adapter (Source water valve) "OPEN".
- 7 Check if water is supplied into the unit properly and there are any leakages on every connection.
- 8 After 1 hour has passed from supplying the power, check if water is coming out by pressing the water dispensing button.
- 9 Empty the water in the tank when "WATER FULL" lights on.

5. How to use

Display and function setting



 WATER FULL LED	WATER FULL LED	Lights up when the deposit tank is full of water.
 COLD WATER LED	COLD WATER LED	Lights up when cold water is set.
 HOT WATER LED	HOT WATER LED	Lights up when hot water is set.
 HOT (STAND-BY) LED	HOT (STAND-BY) LED	Lights up when hot water is selected.
	HOT WATER SELECTION BUTTON	Used to select hot water and related function setting
	COLD / AMBI. LED	Indicates that COLD / AMBI. is selected. (COLD : Blue, AMBI. : Green)
	COLD / AMBI. SELECTION BUTTON	Used to select cold or ambient water (COLD : Blue, AMBI. : Green)
	WATER DISPENSING BUTTON	Used to take the desired water selection among ambient or cold(right side) hot(left side).



	HOT TANK HEATING /OFF /INSTANT HEATING selection switch	Press the switch up and middle and down when users want to select the HOT TANK HEATING/OFF/INSTANT HEATING respectively.
	DRAIN SWITCH ON/OFF	PUSH UPWARD : Drain setting PUSH DOWNWARD : Drain releasing

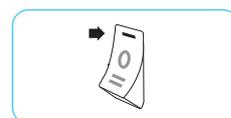
- ※ Hot tank heating method : Hot water is always served.
- ※ Instant heating method : Hot water is made in short time when it is in need.

5. How to use

Activate and deactivate functions

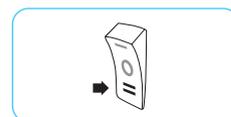
• Hot tank heating function setting

- ① Turn the hot water method selection switch on the back of the product to the **—** position.
- ② The hot water LED (Orange color) on the front part lights up.



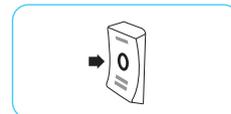
• Instant heating function setting

- ① Turn the hot water method selection switch on the back of the product to the **≡** position.
- ② The hot water LED (White color) on the front part lights up.



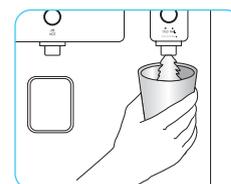
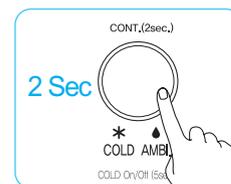
• Hot tank heating / Instant heating function releasing

- ① Turn the hot water method selection switch on the back of the product to the **○** position.
- ② The hot water LED on the front part turns off.



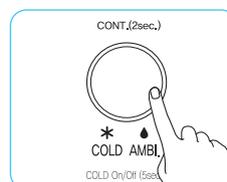
• Constant water function setting

- ① It is the function to use when taking cold water or ambient water continuously. Press the “COLD / AMBI. SELECTION BUTTON” for 2 seconds. (Setting sound : Ding dong-). Constant ambient water is set to dispense.
 - ② During setting of constant water dispensing function, as “COLD/AMBI. SELECTION BUTTON” is pressed, cold water or ambient water is set in turn. (Default : Ambient water)
 - ③ After selecting the cold water or ambient water, press “WATER DISPENSING BUTTON”. (Releasing sound : Ding-Dong~). Desired water is served as LED will flash.
- ※ Constant water is set, no water is taken, the function is released after 10 seconds automatically.
 - ※ The set water amount and actually taken water amount can be different.
 - ※ Water is constantly served as much as about 0.5L.

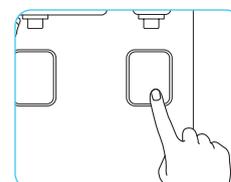


• Constant water function releasing

During constant water dispensing mode, press “COLD/AMBI. SELECTION BUTTON” or “WATER DISPENSING BUTTON” to release the function. (Releasing sound : Dingdong-Dingdong)
The water dispensing LED will be off, when the setting is released.



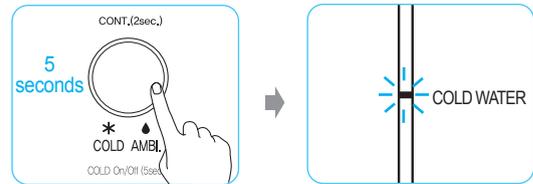
Or



5. How to use

• How to disable cold water

Disable the cold water dispense
Press "COLD/AMBI. SELECTION BUTTON" for 5 seconds to disable cold water.

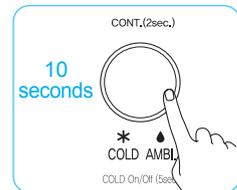


• Re-active the cold water dispense

Press "COLD/AMBI. SELECTION BUTTON" for 5 seconds to re-activate cold water. The cold water led will light up and cold water will be ready to serve again.

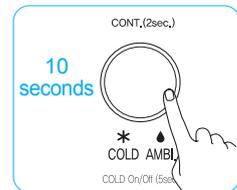
• Disable the sound effect

- ① Press "COLD/AMBI. SELECTION BUTTON" for 10 seconds to release sound functions.
- ② WATER FULL / COLD/HOT/ HOT (STAND-BY) LED blinks 5 times with the event. (Releasing sound : Ding- Ding-)



• Effect sound resetting

- ① Press "COLD/AMBI. SELECTION BUTTON" for 10 seconds to set beep function.
- ② "WATER FULL / COLD /HOT/ HOT SELECTION" LED blinks 5 times. (Re-setting sound : Ding- Ding-)



Water intake

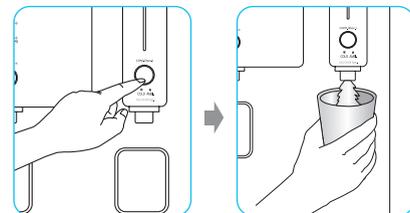
• Cold water dispense

After selecting the cold water, press on the "WATER DISPENSING BUTTON" to get cold water.

• Ambient water dispense

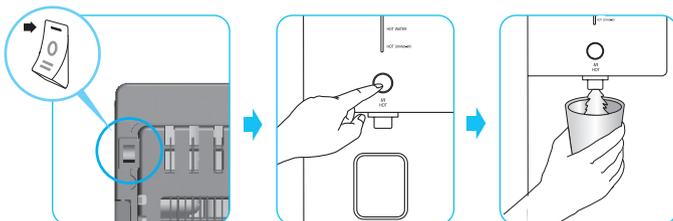
After selecting the ambient water, press on the "WATER DISPENSING BUTTON" to get ambient water.

※ If you do not use for 10 seconds after selecting purified water, it will automatically switch to the cold water mode, which is frequently used. (Default function)



• Hot tank heating water dispensing mode

- ① Set up the hot water type selection switch on the back of the product to enter hot tank heating water dispensing mode.
- ② Press on the "WATER DISPENSING BUTTON" after hot water selection to get hot water.



※ If hot water is selected and it is not used for 5 seconds the system will automatically switch into cold water dispensing mode which is most frequented. (Default function)

5. How to use

※ If there is no heated water, the hot water dispense will not be available.

• Instant heating water dispensing mode

① Set up the hot water type selection switch on the back of the product to enter instant heating water dispensing mode.

※ If there is not enough water in the ambient water tank, the instant heating operation will not start.

② Press on the “WATER DISPENSING BUTTON” to get hot water.

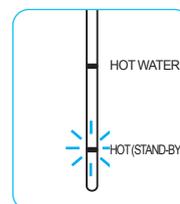
※ It takes about 2 minutes and 30 seconds to complete the instant heating.

※ 10 minutes after the completion of the instant heating, hot water is will available without having to warm up again.

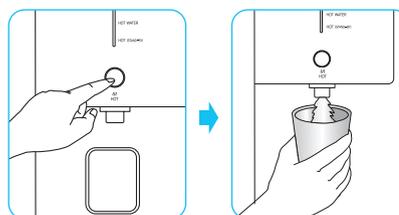
③ If there is no hot water, the HOT WATER LED will displayed in the order of white color (flashed)→ pink color (flashed) → white color (lighted on) as the temperature rises.

 Hot water	White color	Pink color	White color
Instant heating Level	Step 1	Step 2	Instant heating completed
Hot water temperature	Less than 60 °C	60 ~ 85 °C	More than 85 °C

④ When the preheating is completed, the hot water LED (White) flash with effect sound.



⑤ Select the hot water by pressing the “COLD/AMBI. SELECTION BUTTON” and press the water dispensing button to get hot water.

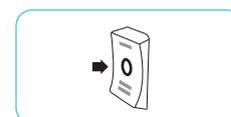


※ When taking hot water constantly, the temperature of water can fall below 50°C. Then, hot water dispensing will stop automatically.

※ When hot water stops dispensing, instant heating starts off automatically.

• How to disable hot water function

Turn off the hot water by switching back of the product to **○** position.

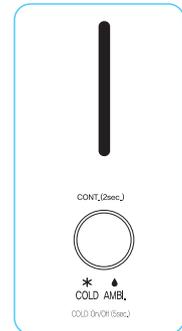


5. How to use

ACS Smart Cleaning Function

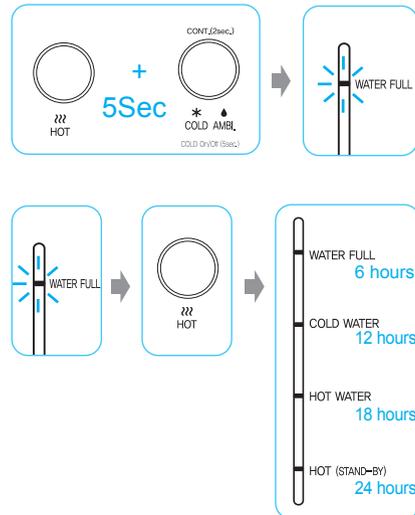
It is the function to automatically clean the inside of the water tank in order to prevent the contamination during the time when people seldom use the unit once everyday 4 days. ACS cleaning function makes users to always drink clean and safe water as any chemical and electrolysis equipment is not used.

- It operates same time once every 4 days, as it is set the standard time which is 12 hours later after connection of power.
e.g.) When the power is connected at 2 P.M, it is operated at 2 A.M every 4 days. If users want to change the operation time, turn off the power at desired time and turn on.
 - ① When the ACS function is activated, the COLD / AMBI. LED flashes for a maximum of 30 minutes, during which the product will not be available.
 - ② Use the unit when the ACS operation is finished and cold/ambient water tanks are filled again.
(Around 60 minutes until it reaches water full.)



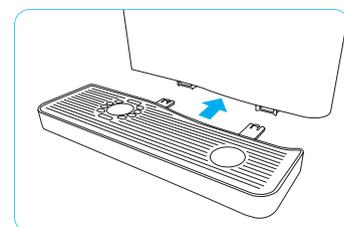
• How to set the time

- ① Press and hold on the "HOT WATER SELECTION BUTTON" and the "COLD/AMBI. SELECTION BUTTON" simultaneously for 5 seconds to enter the ACS setting mode and the full water LED will flash.
 - ※ During ACS setting mode (WATER FULL LED flashes), it no selection is made for 5 seconds, the blinking stops and the ACS time control is set to 6 hours.
- ② In the ACS setting mode ("WATER FULL" LED flashes.) every press on the hot water button, you can set it in **12 hours** → **18 hours** → **24 hours** → **6 hours**.
Ex.) If you set the ACS operating time as 6 hours at 10 PM, the ACS Smart Clean Function works at 4 AM.



Water drip tray

Please push the water drip tray into the product until you feel a 'click' sound.



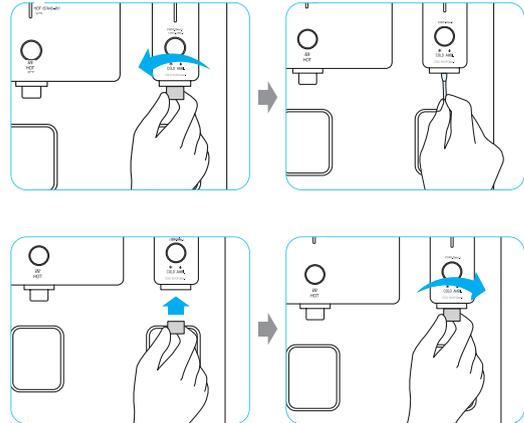
6. Precautions for Use

- 1 Refer to the voltage on the front page. Connect to the proper power source.
- 2 Keep the cord out of heavy traffic areas.
(Possible cause of fire due to abnormal electricity outlet heating.)
- 3 Never move the product during its operation.
(It may cause breakdown.)
- 4 Do not touch the wire condenser on the rear side of unit. It is hot while the unit is in operation.
- 5 Do not use chemicals (volatile substances, organic solvents, etc.) when cleaning the exterior of the product and do not place them nearby the product.
- 6 Do not put any foreign objects into the water drip tray of the purifier.
- 7 Since the storage tank may be contaminated with general bacteria from outside, please drain the water completely once a month and clean the inside of the storage tank with a clean soft cloth to keep it clean.
(When the storage tank is regularly drained completely before use, you can prevent water contamination.)
- 8 After cleaning the storage tank, please close the lid tightly.
(If the lid is not properly closed at the top of the storage tank, insects such as ants may go into the storage tank.)
- 9 Before cleaning the inside of the product, be sure to unplug the power plug and do not use water directly on the main body.
(There is danger of electric shock or fire.)
- 10 The time to reach the setting temperature during cold water operation may vary depending on the ambient environment (temperature, humidity and source water).
- 11 If the product is not used for a long time, please shut off the water adapter valve and unplug the power plug. Do not touch the power plug with wet hands. (There is danger of electric shock or fire.)
- 12 When use the product again, drain the water inside the water purifier completely, and discard freshly purified water once before use.
- 13 The ratio of purified water to brine water is about 1: 2 and it is recommended to re-use the brine water for cleaning to prevent any waste of water.
(However, do not use it for drinking water or food cooking.)
- 14 When using a communication device such as a walkie-talkie that generates more than 1W of electric wave or electric field, use it at a distance of more than 1m from the product.
(The product may malfunction when used within a distance of less than 1m.)
- 15 If there are unusual sounds, smells or smoke from the product during use, unplug the power plug immediately, lock the water adapter valve and contact the authorized distributor.

7. Cleaning

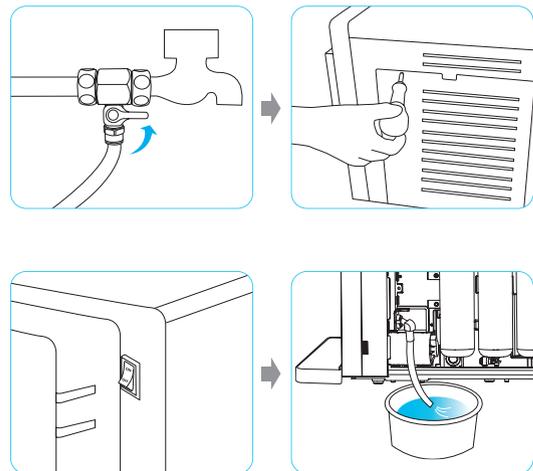
How to clean the water dispensing faucet

- ① Turn the COLD / AMBI. faucet to the left and pull it out.
- ② Wipe the inside of the water dispensing faucet with a cotton swab.
※ When cleaning, do not use detergent, thinner, benzene, or wax. It may cause discoloration and peeling of the product and damage the product and possible health problems.
- ③ After cleaning, insert it again and turn it to the right.

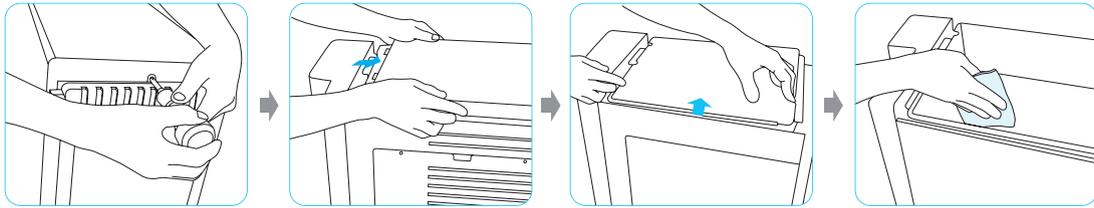


How to clean the ambient water/ cold water tank

- ① Shut off the source water valve and detach the cover on the right side of the unit after loosening the fixed screw.
- ② Turn the drain switch to the ON position.
※ Cold water and ambient water are drained for 30 minutes by automatic drain function.
- ③ Plug the drain hose into the drain valve to drain ambient & hot water.

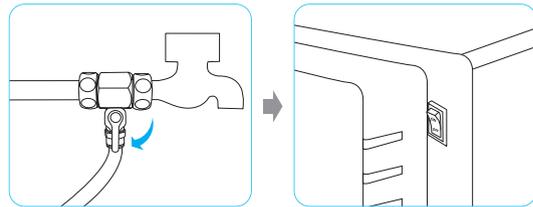


- ④ Loosen the 1 fixing screw on the back of the product using a screwdriver, then remove the purified water tank cover.



- ⑤ Open the source water supply valve.

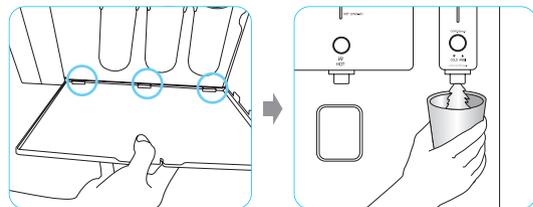
- ⑥ Turn the drain switch on the product backside to the OFF position.



- ⑦ Fit the right cover to the groove and insert it, then tighten the fixing screw using the screwdriver.

- ⑧ After about 40 minutes, check that the cold and ambient water come out from the water faucet.

- ⑨ Drain the newly purified water completely before the use.



Cleaning instructions

- ※ When cleaning the storage tank, wash your hands with a soft cloth or dry cleaner after hand washing and wearing your sanitary gloves.
- ※ Do not use chemicals or detergents when cleaning the storage tank.
- ※ Once the storage tank has been checked, discard the used service kit (dry cleaner, cotton swab, hygiene gloves) after checking return.
- ※ Tighten the storage tank cover and air filter firmly so that foreign substances and insects go into water tank.
- ※ Clean more than once a month.

8. Sanitary Maintenance

Classification		Description
Installation	Location	- The unit can be installed at low water pressure place within water quality range.
	Environment	<Do not install the unit in places below> - A place exposed to direct sunlight or outside - Nearby toilet - In front of cooling-heating device
Water purifier use	Water dispensing faucet	- Cleaning up water dispensing faucet once a week is recommended. If foreign substance splashes onto water dispensing faucet , wipe it off right away. - Avoid contact of hands or mouth with the cork and make sure that the used cup does not touch the water inlet.
	Water gutter	- Do not throw away any liquid except water. - If there is water, discard it immediately and do cleaning once a week.
Water purifier check	Regular checking	- Regular checking Once every two months and when the filter is replaced. - During the regular checking of the storage tank, be careful not to let foreign matter (insect, service kit, etc.) into the tank and thoroughly check the finish work (storage tank cover and air filter tightening).
	Self maintenance	- Clean up water dispensing faucets, water gutter on regular basis.
Maintenance	Filter replacement	- Do flushing for 5 minutes during filter change. If flushing is not performed, fine charcoal powder may be found in the storage tank.
		- Take precaution so that there is no external impact after filter installation.
Prevention of scale buildup	Smart cleaning function	- The unit is designed to empty water once every 4 days to prevent scale.

9. Filters

Function of the filter



1/2 step : T-Pre-rs-carbon filter

The carbon composite filter effectively removes the rust particle and suspended solid. It uses the 3-stage filtration method maintaining the effectiveness of standard sediment while extending the filter replacement cycle. At the same time, it eliminates effectively the dissolved particle in water such as the chlorine component, trihalomethanes (THMs), and organic chemicals.



3 step : T-Membrane filter

It removes dissolved pollutants (a molecular weight over 200, such as heavy metals, bacteria and organic chemical contaminants) through RO filtration using a semi-permeable membrane (0.0001 μm pore size, 1/1,000,000 of hair) and the dissolved pollutants are discharged through brine tube.



4 step : T-Post-carbon filter

It removes dissolved gases and odors to improve water taste.

Period for filter replacement

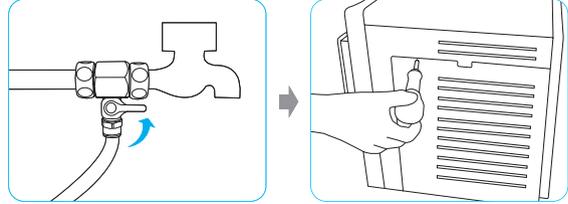
Filter type	Period for replacement
T-Pre rs carbon filter	6 months
T-membrane filter	24 months
T-post carbon filter	18 months

※ Replacement time of the filter, which is a specified consumable part, is an estimated period and the estimated replacement period may be different depending on place of use, water quality, source water temperature, usage and season (summer, winter).

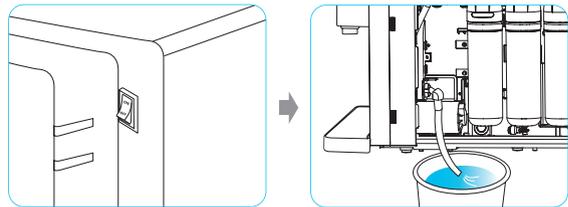
※ Clean water will be available when the filter is changed on time.

10. How to replace the filter

- ① Shut off the source water valve and detach the cover after loosening the fixed screw on the right side of the unit.



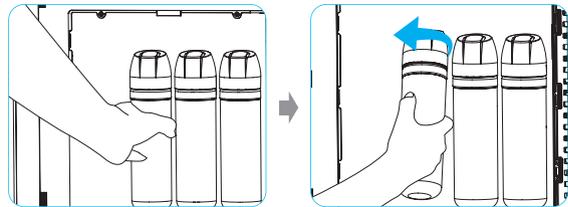
- ② Turn the drain switch ON after lifting the filter.
※ Cold water and ambient water are automatically drained for 30 minutes.



- ③ Connect drain hose to HOT/AMBI. drain valve to drain hot and ambient water.

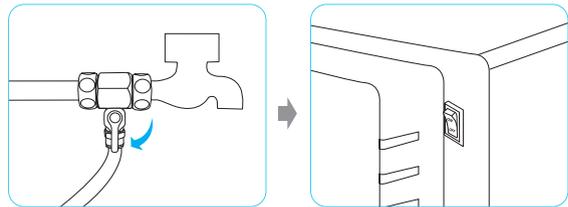
- ④ Lift up the filter and turn it to the left to remove it.

- ⑤ Tighten the filter to the right side so that the reference point and the line (|) of the filter head are aligned.



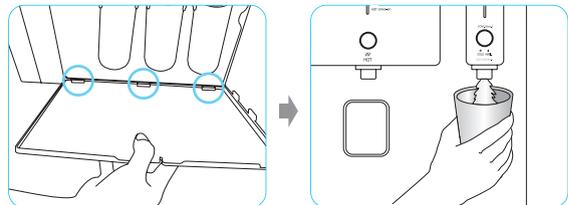
- ⑥ Open the source water valve.

- ⑦ Turn the drain switch on the product backside to the OFF position.



- ⑧ Fit the right cover to the groove and insert it, then tighten the fixing screw using the screwdriver.

- ⑨ After about 40 minutes, check whether the cold, hot and ambient comes out from the faucet.



※ Please check if there is a leakage after source water supply. In case of leakage, turn off the power immediately, lock up the supply valve, and ask help to the authorized dealers.

※ Be sure to flush for 5 minutes before replacing the new filter.

11. Product specifications

Product specifications

Product name	ChungHo Water Purifier OMNI		Dimensions	290Wx497Dx474H(mm)
Model name	CHP-4030D		Compressor	Reciprocating type
Ultraviolet sterilizer	-		Heat dissipation method	Wire Condenser (Forced convection)
Product weight	19.5 kg		Cold water temperature control	Thermistor
Power consumption	Max	1,750 W	Hot water temperature control	Thermistor
	Hot water	1,640 W	Overheat protection device	Bimetal (manual return)
	Cold water	0.72 A	Safety device	Overheating prevention device, water level sensing device, Leakage shutoff valve, Fuse
Reservoir capacity	Cold water	3.0 ℓ		
	Hot water	0.57 ℓ	Power code	1.6 m
	AMBI.	4.6 ℓ		
Place of installation	Indoor, House, Office, Store, etc		IP class	IPX1

※ "N grade" in the climate grade column means "temperate climate".

※ IP grade is the protective degree against waterproofing of the product.

※ Storage tank capacity is the capacity according to the storage tank size, so it may be different from the indicated extraction capacity.

12. Troubleshooting

- ※ It takes about 60 minutes for each storage tank to become full of water status (based on water temperature 25°C).
- ※ It takes about 80 minutes to make COLD from AMBI.

Symptom	Check item	No	Yes
When the display is not turned on and not operated.	Is the power plug of the product plugged in correctly?	Power plug is inserted properly.	Request follow-up service when you still have problem as the power plug is inserted properly.
When purified water (ambient / cold) is not served.	Is tap water supplied?	Unplug the power plug and wait until water interruption release.	If the purified water (ambient/cold) is not served after given time for filling the tank, then request follow-up service.
	Is the COLD / AMBI. / HOT LED flashing?		ACS smart cleaning is working. It will be available after 30 minutes of standby.
When cold water is not cold enough (When taking cold water)	Has it been more than 2 hours since the product activation?	Cold water in progress.	Request follow-up service.
	If the cold water has been used a lot, its production is in progress. Please wait until it is finished (about 80 minutes).		
When hot water is not hot enough (When taking hot water).	Is the hot water setting switch on the back part in OFF position?	Request follow-up service.	Set the instant heating method or hot water tank heating method.
	Is instant heating set and processing?	Press "COLD/AMBI. SELECTION BUTTON" to start instant heating.	It takes 2.5 minutes to complete instant heating. After given time and hot water is not served, request follow-up service.
	Is there water in the storage tank?	Please wait until the water is filled. It takes about 80 minutes.	Request follow-up service
How to manage water purifier silicone tube?	When a silicon tube is contaminated by using for a long period, request follow-up service.		



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