

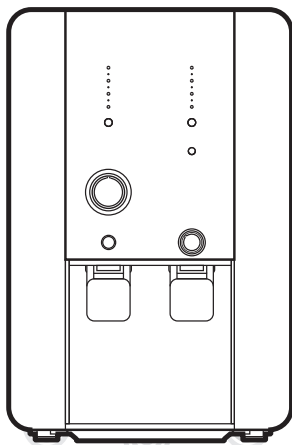


**COWAY LOVES THE PLANET**  
This paper can be recycled.

# COWAY

## Water Filtration Device CHP-18AR

- This product can not be used if the voltage is different from that mentioned in the rating plate.
- For your safety and proper use of the product, please read this User's Manual before use.



# FEATURES

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1

## Hot water temperature control function

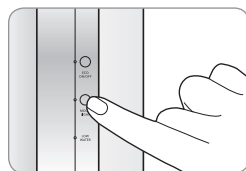
You can control the water temperature using the Hot-Warm Water Temperature Control Dial.



2

## Mood lamp function

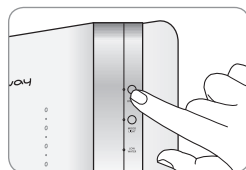
If you activate the mood lamp function, the mood lamp is lit when the light sensor senses insufficient light.



3

## Power saving function using the ECO mode

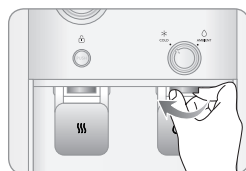
If you activate the power saving function, the number of comp and heater operations is automatically control and the power consumption is reduced.



4

## Polished design and easy installation

The tidy appearance that suits all locations such as a normal kitchen or living room, defies the limitations with conventional installation locations.



# DEAR CUSTOMERS

Thank you for using **Coway water filtration device.**

Please read this User Manual to learn about proper usage and maintenance of the product.

When a problem occurs while using the product, it can be solved by referring to the instructions in this manual.

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# SAFETY INFORMATION

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## **Be careful to keep this safety information.**

Please read this information to prevent property loss and ensure your safety.



for 220 V - 240 V~, 50 Hz use only

## **▲ Danger : Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.**

- Do not use a damaged power cord or plug, and loose outlet.
- Do not unplug by pulling the cord or handle the plug with wet hands.
- Do not run the power cord under a heavy object to prevent it from being damaged.
- If the cord or plug is wet, unplug the unit and let it completely dry before subsequent use.
- Unplug the unit before repair, inspection, or replacement.
- Do not plug into an outlet or power socket that is being used by several other appliances.  
Use a separate outlet for the unit.
- Close the main water supply valve and unplug the power cord when not using for a long time.
- Do not attempt to repair the power cord.
- Do not repeatedly plug and unplug the unit from the electrical outlet.
- Do not use if the cord appears to be damaged. Please ask customer service to replace the cord.
- Remove any dust or water if it's on the plug.  
Never use Benzene or gasoline to clean the plug.
- Do not install the unit near heaters.
- Close the main water supply valve and plug out, then call to A/S center in the case of any water leakage from the product.

- Do not place dishes or containers of water, drugs, food, or small metal objects on top of the product.
- Immediately unplug and call the customer service center if the unit makes a strange noise or odd smell.
- Do not put a candle, cigarette or any other flammable object on it.
- Do not carry the unit by its power cord.
- Do not spray water or wipe them with benzene when cleaning.
- Do not repair, disassemble, or modify.

**⚠ Warning : Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.**

- Do not turn or raise the product by holding the purified water extraction faucet.
- Since both the hot and warm water are hot, avoid contact with the water. Failing to do so may result in burns.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance can be used by children aged from 8 years and above.
- The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

## SAFETY INFORMATION

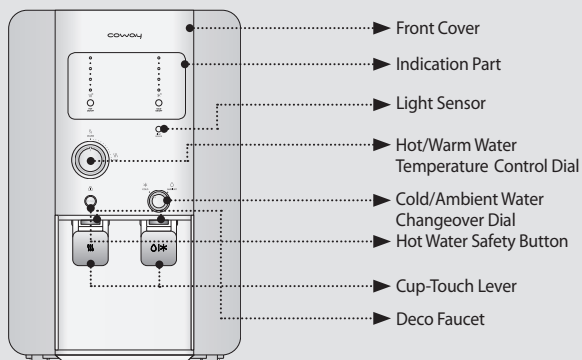
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**⚠ Caution : Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or damage to the product or other properties.**

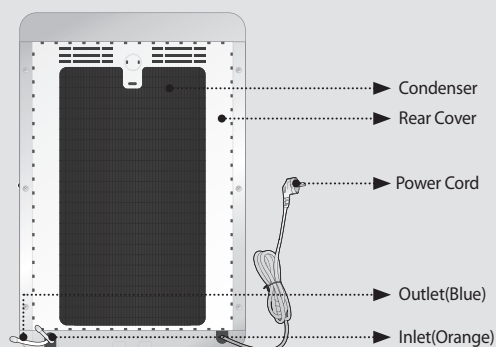
- Use or place the unit on a level area and do not apply force to the unit.
- Please use after completely closing the cover of the water tank in the product.
- Periodical filter replacement is prerequisite for getting clean water.
- When water is stored or the product is not in use for a long time, drain all the water in the storage tank before use.
- When moving the product or replacing the fine post-carbon filter there may be black residue particles in the stored water at the bottom of the tank.
- Do not use filtered water for changing water of an aquarium or a fishbowl.

# PARTS NAME

## Front

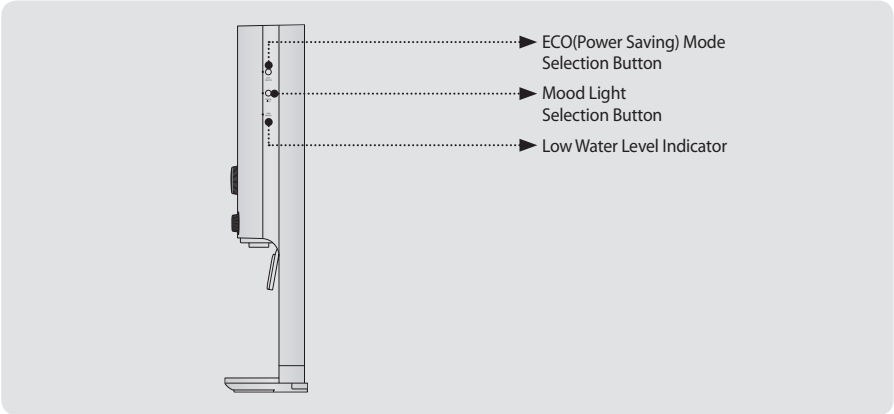


## Back



# PARTS NAME

Side





# WATER FILTRATION PROCESS

## CHP-18AR

### 1, 2 Step : Neo-sense Filter

This neo-sense filter has the functions to remove particulates, dissolved organic and inorganic impurities. It also has the function to remove chlorine, volatile organic compounds(VOC's).

### Step 3 : Membrane Filter (RO)

RO membrane filter has the function to remove water contaminants such as heavy metals, waterborne microorganisms and harmful organic chemicals etc.

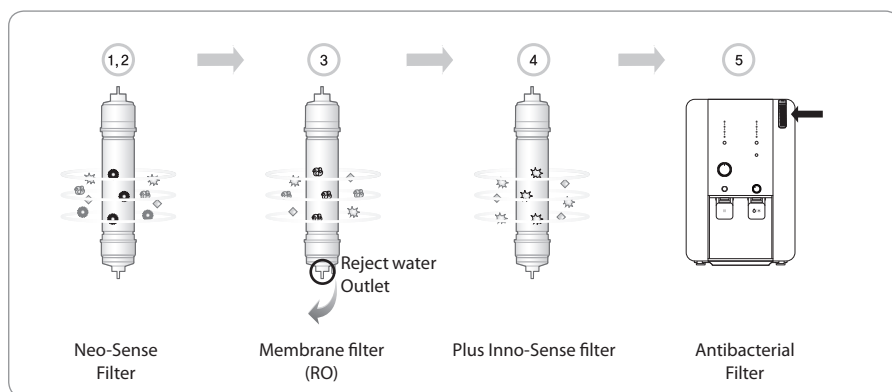
This water which contains harmful material is eliminated through the reject water hose as disposed water.

### Step 4 : Plus Inno-sense Filter

This Plus Inno-sense filter has the functions to remove smell inducing material and to improve taste of water.

### Step 5 : Antibacterial Filter

This Antibacterial Filter has the function to control microorganism propagation in water.



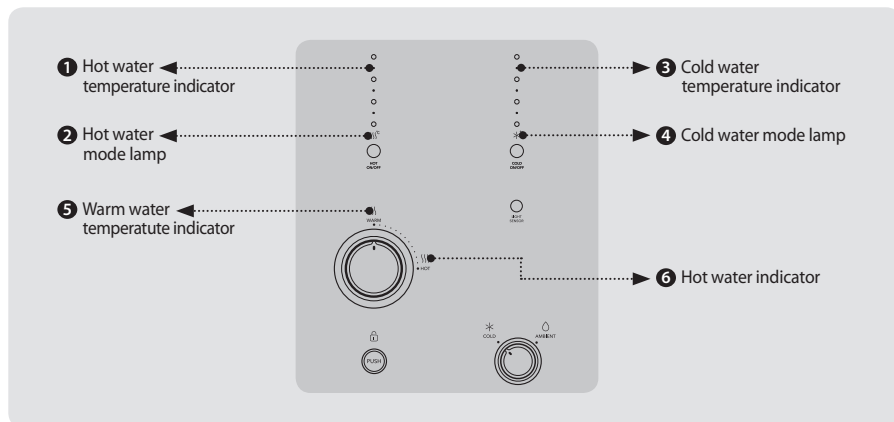
Tips

#### ► Uses of the disposed water

- The disposed water should be used only for cleaning the house, cloths, or purposes other than drinking.
- Never use the disposed water for drinking or for cooking.

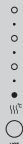
# BUTTONS AND INDICATORS

## Indication part



### 1 Hot water temperature indicator

According to the water temperature of the hot water, the indicator is turned on. The more lamp on the indicators, the hotter the water.



### 2 Hot water mode lamp

When selecting hot water mode, the indicator lights up.



### 3 Cold water temperature indicator

According to the water temperature of the cold water, the indicator is turned on. The more lamp on the indicators, the colder the water.



### 4 Cold water mode lamp

When selecting cold water mode, the indicator lights up.



### 5 Warm water temperature indicator

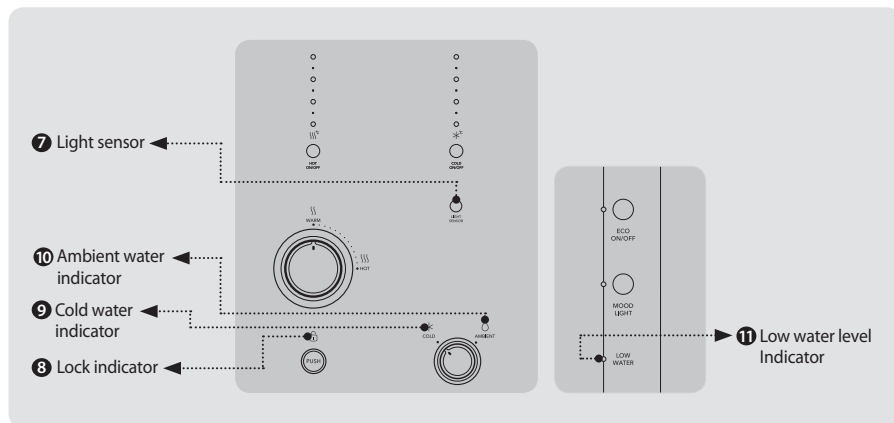
Warm water can be extracted when warm water feature is selected.



### 6 Hot water indicator

Hot water can be extracted when hot water feature is selected.

## Indication part

LIGHT  
SENSOR**7 Light sensor**

This sensor detects the surrounding illumination of the product.



LOCK

**8 Lock indicator**

The indicator is on when the lock feature is selected.



COLD

**9 Cold water indicator**

Cold water can be extracted when cold water feature is selected.



AMBIENT

**10 Ambient water indicator**

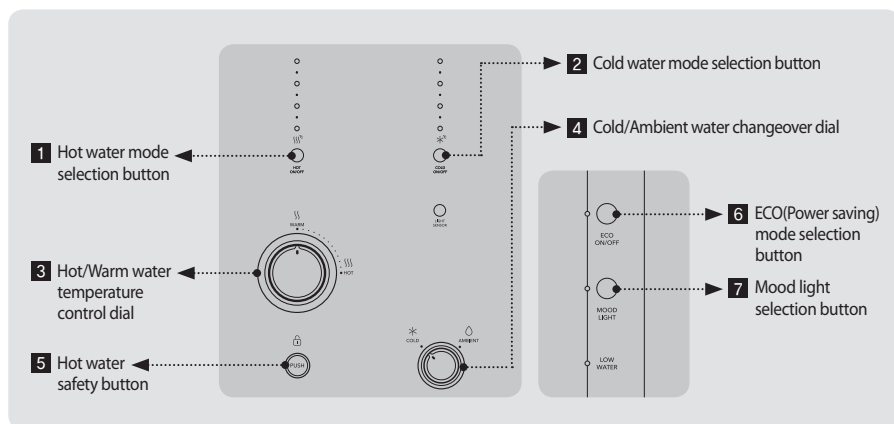
Ambient water can be extracted when ambient water feature is selected.

LOW  
WATER**11 Low water level indicator**

When the water level of the inner water tank becomes low, this indicator is turned on.

# BUTTONS AND INDICATORS

## Control part



### 1 Hot water mode selection button

Press this button to select/deselect hot water mode.  
(Press the hot water mode selection button for 2 seconds to deactivate it.)



### 2 Cold water mode selection button

Press this button to select/deselect cold water mode.  
(Press the cold on/off button for 2 seconds to deactivate it.)



### 3 Hot/Warm water temperature control dial

Use this dial to control the hot and warm water temperature.



### 4 Cold/Ambient water changeover dial

Use the dial to select either cold or room temperature water.



### 5 Hot water safety button

Press this button once before extracting hot water. If you do not press the hot water safety button, hot water will not be extracted even if you push the cup-touch lever.



### 6 ECO(Power saving) mode selection button

Press this button to select/deselect power saving mode.

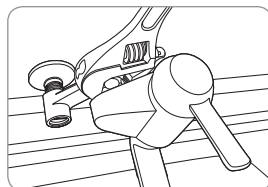


### 7 Mood light selection button

Press this button to turn the mood Light on or off.

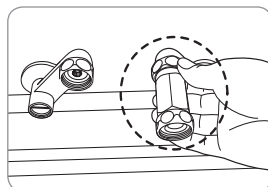
# INSTALLATION

1. Close main water supply valve to separate the faucet.



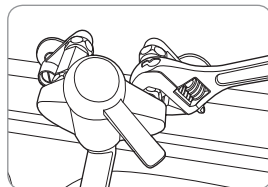
2. Wind the teflon tape on the adaptor and fit it to the pipe.

 Do not turn the water pipe.



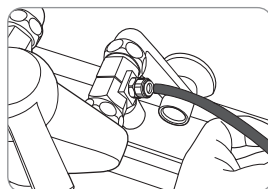
3. Connect the faucet with the adaptor.

 Please install the adaptor with connector on the cold water pipe.

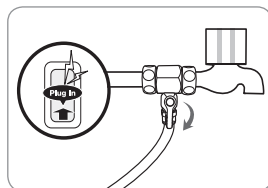


4. Connect ¼ inch orange tubing with the connector on the adaptor.

 Flush water through each filter at least 5 minutes before connecting.



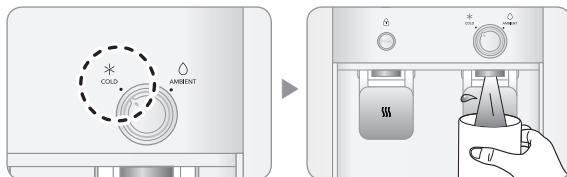
5. Connect it to a socket with voltage rating that matches the one stated on the rating plate. Then, open the feed valve to supply water to the filtration system.



# HOW TO GET THE DESIRED WATER

## How to Get Cold Water

Turn the Cold/Ambient water changeover dial counter clockwise and push the cup-touch lever.  
Press the cold water mode selection button and check if the cold water mode indicator is turned on.

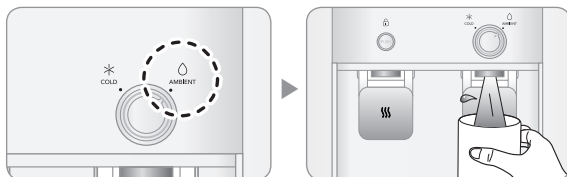


Tips

- When the cold water does not extract from the filtration system, please check if the cold water mode indicator is on.

## How to Get Ambient Water

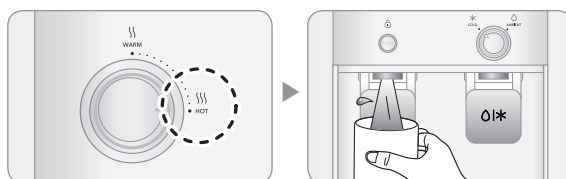
Turn the Cold/Ambient water changeover dial to the right and push the cup-touch lever to drink room temperature water.



## How to Get Hot Water

Turn the Hot/Warm water temperature control dial to the hot water position, press the safety button and then push the cup-touch lever.

Press the hot water mode selection button and check if the hot water mode indicator is turned on. Pressing the safety button just once is enough.



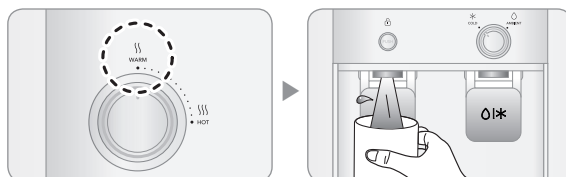
Tips

- When the hot water does not extract from the filtration system, please check if the hot water mode indicator is on.
- When using hot water, be careful not to burn yourself.

## How to Get Warm Water

Turn the Hot/Warm water temperature control dial to the warm water position, press the safety button and then push the cup-touch lever.

Press the warm water mode selection button and check if the warm water mode indicator is turned on.

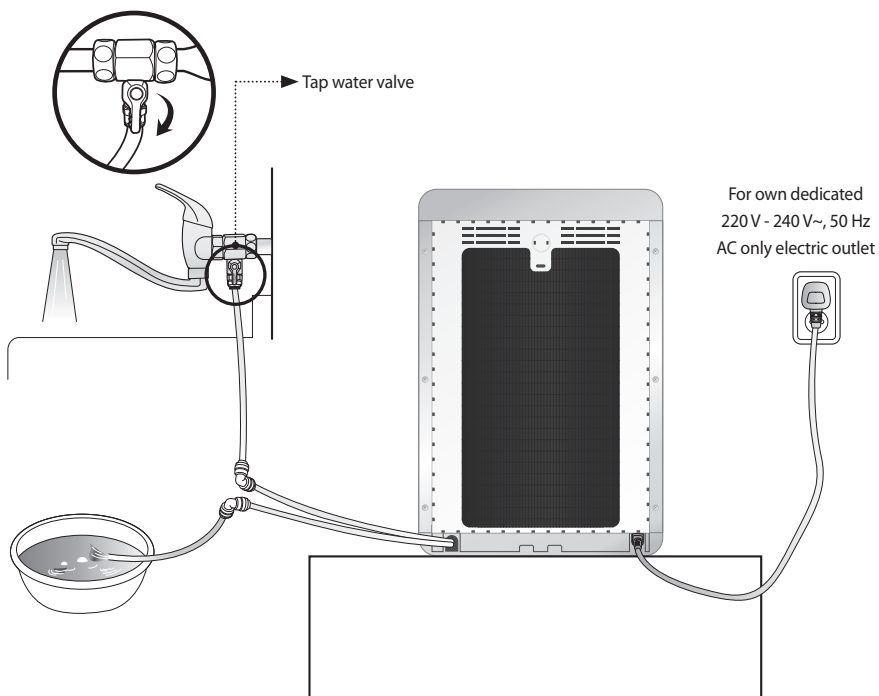


Tips

- Warm water mode mixes hot and cold water. The temperature of the warm water of this product is determined assuming that the hot and cold water of this product are at their maximum temperatures. Therefore, if both the hot and the cold water temperature levels are not at their maximum, the warm water may be hotter or colder than the usual warm water temperature.
- In addition, when the low water level indicator is turned on, the warm water may be hotter than usual.
- Since warm water may be hot, be careful not to burn yourself.

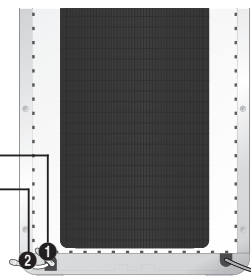
# HOW TO INSTALL

## Installation Guide



Connect the orange tap water input hose to **①** the water pipe.  
Connect the **②** residential water output hose.

Tap water input hose (Orange) connection ←  
Residential water output hose (Blue) connection ←

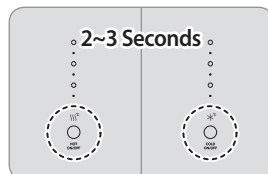




# HOW TO CLEAN

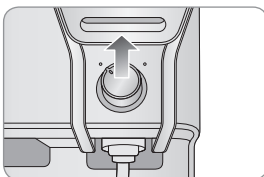
## How to Clean Inside Water Tank

1. Press and hold down each of the Cold and Hot water buttons on the front panel of the product for 2~3 seconds.



2. Please drain and store the water inside the water filtration device completely using the draining hose and the cold/ambient water extraction faucet.

\* Turn the Cold/Ambient dial to the cold water direction and lift the faucet lever upwards completely to extract the entire cold water.

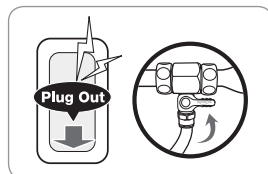


Tips

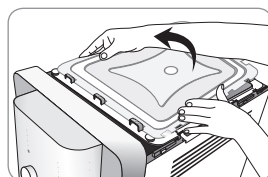
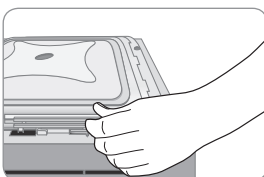
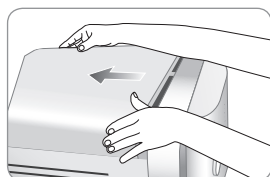
### ► To drain hot water

- Open the draining cover at the right side of the product and connect the draining hose (continuous extraction hose) to drain the hot water from the hot water tank. (Be careful not to burn yourself when draining hot water.)

3. Unplug the power plug. Close the main water supply valve.



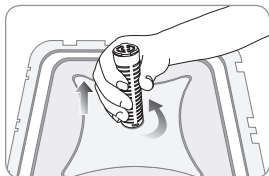
4. Open the top cover of the product by sliding the cover backwards, open the fixing clips (6 points) of the inner water tank, and open the inner water tank cover by lifting it up.



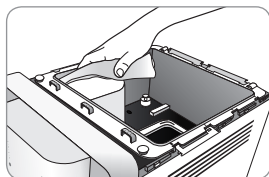
# HOW TO CLEAN

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5. Separate the Antibacterial filter from the inner water tank cover and clean the Antibacterial filter by washing it in the drained water.

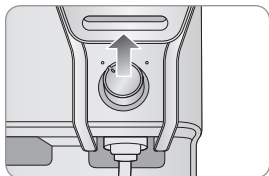
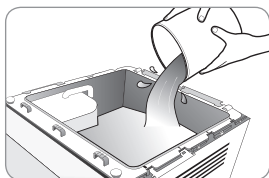


6. Wipe the inside of storage tank with a soft cloth.

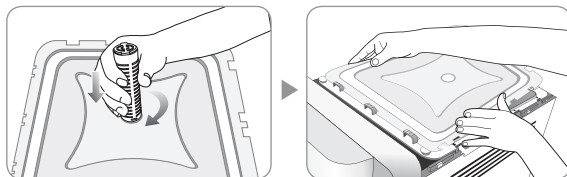


7. Wash the storage tank with the drained water.

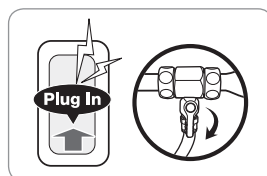
\* Turn the Cold/Ambient dial to the cold water direction and lift the faucet lever upwards completely to extract the entire cold water.



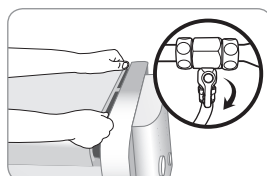
8. Install the Antibacterial filter into the inner water tank cover by turning the filter, closing the inner water tank cover and closing the fixing clips (6 points) of the inner water tank.



9. Plug the power plug. Open the main water supply valve.



10. After closing the top cover and connecting the power plug, open the main water supply valve. Please operate the water filtration device again by pressing the cold water/hot water mode selection button at the front of the product after checking if the water is coming from the cold water/ambient water extraction faucet and the hot water extraction faucet.

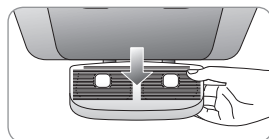


# HOW TO CLEAN

## How to Clean the Tray

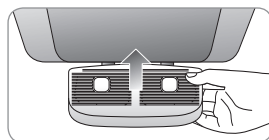
### 1. The tray separation method

You can easily separate the tray by pulling the front part of the tray forward.



### 2. The tray assembling method

Simply push the tray hook slightly after sticking it onto the product.

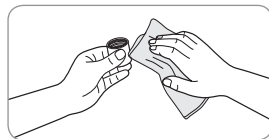


## How to Clean Faucet Deco

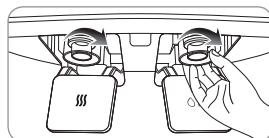
### 1. Turn the two deco faucets counterclockwise to separate them.



### 2. Wash the separated deco faucets with tap water and wipe them with soft, dry cloth.



### 3. Mount the two deco faucets back by turning them clockwise.



Tips

- ⚠ When cleaning storage tank do not use chemicals or detergents.
- When the chemicals and detergents are not washed out completely it may be harmful to health.
- Please always keep the device environment clean and clean its storage tank once every two months.



Chemicals or Detergents

# FILTER REPLACEMENT

## ■ Filter Replacement Cycle

If the filter is not regularly replaced, it may degrade the water quality of the product.

The filter change cycle may vary within the range of expected replacement cycle depending on the feed water quality.



Tips

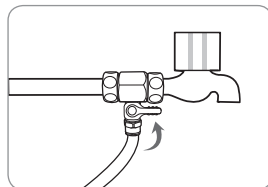
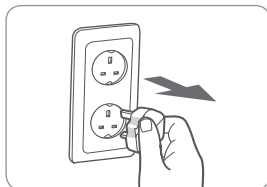
The period for filter change is calculated based on 10 L water usage per day for a household of 4 members.

### CHP-18AR

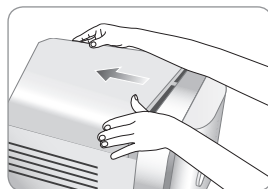
| Filter name            | Expected Replacement Cycle |
|------------------------|----------------------------|
|                        | Reverse osmosis            |
| Neo sense filter       | 6 months                   |
| Membrane filter (RO)   | 24 months                  |
| Plus Inno-sense filter | 18 months                  |
| Antibacterial filter   | 12 months                  |

# HOW TO REPLACE THE FILTER

1. Close the main water supply valve after unplugging the power cord, and drain the water inside of the water filtration device.

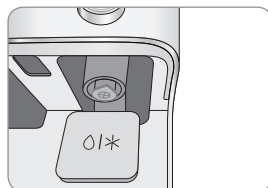
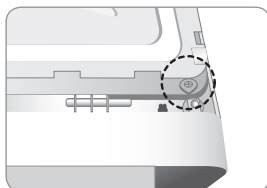
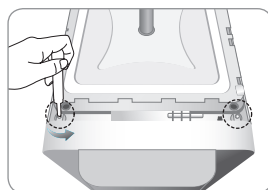
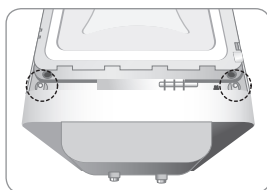


2. Separate the top cover.



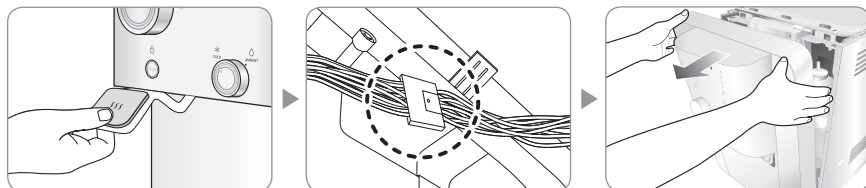
3. Remove the 2 fixing screws with a screwdriver.

Remove one cap-faucet from the top right side of the product and insert it into the cold/ambient water faucet on the right side of the product.

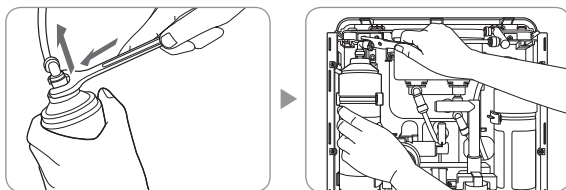


4. Raise the lever for the hot water faucet on the left side of the product. In the case of the cold/ambient water faucet, lift the lever on the right side of the product. (Since you need to lift the lever when replacing the front cover, water may leak for a certain duration if there is water in the tank.) Hold the top of the front cover, pull it forward to separate it, and then disconnect all the connected cables to separate it completely.

\* To detach the front cover, disconnect the cable and pull the cover towards you.



5. After separating the fitting connected to the filter, please replace the filter.



Tips

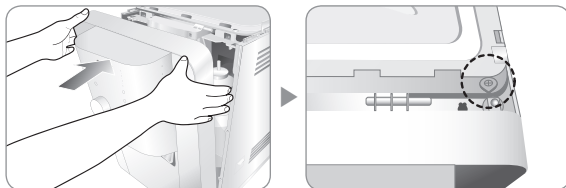
After changing the filter and connecting the fitting and the hose precisely, check that there is no leakage and drain the first round of purified water after filter change.

## HOW TO REPLACE THE FILTER

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6. Connect all the separated cables, align the 3 holes of the front cover and the 3 buttons, and close the cover by pushing it towards the product.

After closing the front cover, re-place one cap-faucet on the top of the product.



Tips

⚠ Please be sure to use the new filter after cleansing.

- Neo-sense filter : Please assemble after cleansing with Neo-sense filter for about 1 minute.
- Membrane filter (RO) : After cleansing with the main water passed Neo- sense filter for about 5 minutes, please assemble it.
- Plus Inno-sense filter : Please use the filter without flushing.



# TROUBLESHOOTING

The water filtration device may operate abnormally because the user is unfamiliar with the product or due to some other reasons and not because of a product malfunction. In such a case, problems can be easily solved without help from the service center by checking the following.

If the problem is not solved after checking the following, please call the service center.

| Symptom                                               | Check                                                                   | Measures to take                                                                                                                                 |
|-------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| The water tastes odd.                                 | • Did you clean the internal water tank?                                | Clean the internal water tank.                                                                                                                   |
|                                                       | • The water filtration device has not been used for a long time.        | Get rid of the stored water and clean the internal water tank.                                                                                   |
|                                                       | • Is it time to replace the filter?                                     | Request a filter replacement.                                                                                                                    |
| No water is emitted.                                  | • Is the water supply cut or is the water supply valve closed?          | Open the main water supply valve.                                                                                                                |
|                                                       | • Was the filter not replaced at the correct time?                      | Request a filter replacement.                                                                                                                    |
| The amount of filtrated water has suddenly decreased. | • Is it time to replace the filter?                                     | Request a filter replacement.                                                                                                                    |
|                                                       | • Is the power connected?                                               | Check if the power cord is plugged into 220 V - 240 V~, 50 Hz wall outlet.                                                                       |
|                                                       | • Did you close the main water supply valve?                            | Open the main water supply valve.                                                                                                                |
|                                                       | • Did the temperature of the feed water drop suddenly?                  | If the water temperature has decreased, the amount of filtrated water decreases.                                                                 |
| No cold water is emitted.                             | • Is the cold water lamp lit?                                           | Turn the cold water function on by pressing the cold water button.                                                                               |
|                                                       | • Is the power saving function turned on?                               | If the power saving function is turned on, the water may not be as cold as usual.                                                                |
|                                                       | • Was the cold water lamp lit?                                          | Press the cold water button.                                                                                                                     |
|                                                       | • Did you close the main water supply valve?                            | Open the main water supply valve.                                                                                                                |
|                                                       | • Is the back of the water filtration device too close to the wall?     | Please keep a distance of at least 10 cm between the back of the water filtration device and the wall.                                           |
| No hot water is emitted.                              | • Is the hot water lamp lit?                                            | Turn the hot water function on by pressing the hot water button.                                                                                 |
|                                                       | • Is the power saving function turned on?                               | If the power saving function is turned on, the water may not be as hot as usual.                                                                 |
|                                                       | • Did you close the main water supply valve?                            | To prevent the heater from over-heating, the heater function will not work if the water level is low. Open the main water supply valve.          |
|                                                       | • Is the hot-warm water control dial turned to the warm water position? | If the hot-warm water control dial is turned to the warm water position, warm water is emitted.<br>Turn the dial to the furthest-right position. |

# TROUBLESHOOTING

| Symptom                                               | Check                                       | Measures to take                                                                          |
|-------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------|
| The mood lamp is not turned off.                      | • Is the mood lamp function lamp turned on? | Press the mood lamp function button to turn it on.                                        |
|                                                       | • Is the room illumination bright?          | The mood lamp is turned on when the room illumination is dark (Threshold: 1 LUX)          |
| All operations have suddenly stopped while operating. | • Is the main water being supplied?         | Check the main water supply valve.                                                        |
|                                                       | • Is the power connected?                   | Check if the power cord of the product is plugged into 220 V - 240 V~, 50 Hz wall outlet. |
|                                                       | • Is water overflowing or leaking?          | In this case, please contact the service center.                                          |

# SPECIFICATION

| Product Name        |             | Water Filtration Device             |
|---------------------|-------------|-------------------------------------|
| Model               |             | CHP-18AR                            |
| Purified Method     |             | Reverse Osmosis                     |
| Rated Voltage       |             | 220 V - 240 V~, 50 Hz               |
| Power Consumption   |             | Cool : 0.7 A, Heater : 320 W        |
| Tank capacity       | Room water  | 6.4 L                               |
|                     | Cold water  | 3.7 L                               |
|                     | Hot water   | 1.2 L                               |
|                     | Total water | 11.3 L                              |
| Dimension           |             | 340 mm(W) X 523 mm(D) X 518.7 mm(H) |
| Net Weight          |             | 20.2 kg                             |
| Working Pressure    |             | 0.07 MPa - 0.83 MPa                 |
| Working Temperature |             | 5 °C- 35 °C                         |

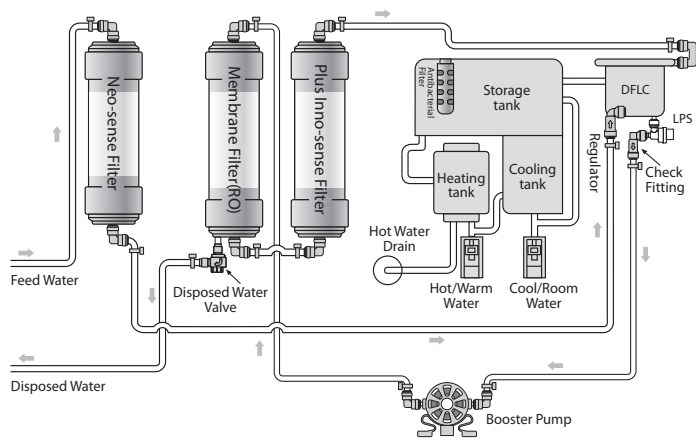
- ▶ The water amount can vary according to the water pressure and the water temperature.
- ▶ The water tank capacity is based on the size and can be different from the extraction capacity.
- ▶ Without any prior notice, all or parts of the product are subject to change for the purpose of improving the performance of the product.

## MALAYSIA

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# WATER FLOW DIAGRAM

CHP-18AR



# MEMO

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**MEMO**

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