

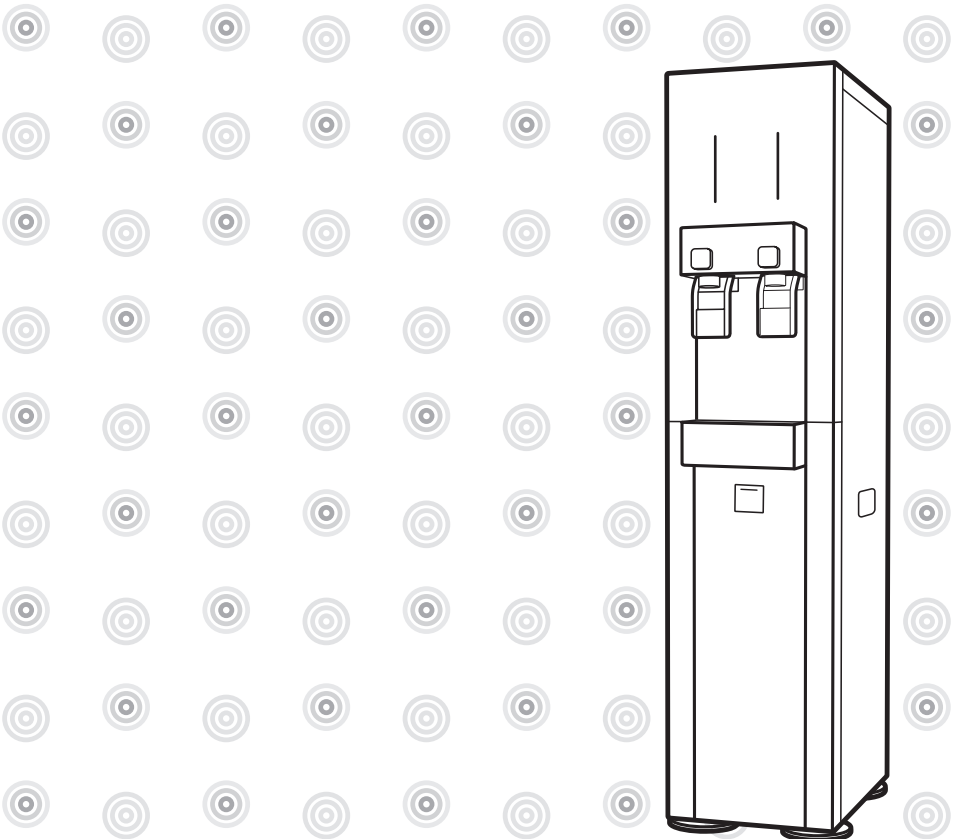


COWAY LOVES THE PLANET
This paper can be recycled.

coway

DRINKING WATER COOLERS CHP-590L

- 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.
- Warranty card is included in this User's Manual.

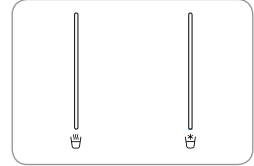


FEATURES

1

A display to show the status at a glance

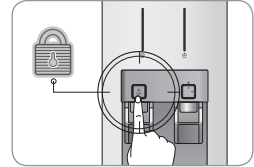
This display uses various indicators so you can see the product's status conveniently at a glance.



2

Hot water safety tap

A safety equipment is installed on the hot water tap to prevent burns from hot water (90 °C or more).



3

Front draining system

You can conveniently drain hot water from the front of the product by opening the front drain cover, so you don't need to move the product to drain it.



4

Dust prevention

This purifier uses a Plus Inno-Sense filter and Plus Inno-Sense filter (D) to minimize the amount of dust particles entering the interior tank.



DEAR CUSTOMERS

Thank you for using **Coway Water Filtration Device**.

Please read this Users' Manual to use and maintain the product correctly.

If you encounter a problem while using the product, you may solve the problem referring to the User's Manual. As this manual contains the product warranty card, please keep it in a safe place.



The CHP-590L is tested and certified by WQA according to NSF/ANSI 42, 53, 58 and 372.

This system conforms to NSF/ANSI 53 for pentavalent arsenic reduction. See performance data sheet and arsenic facts section for an explanation of reduction performance.

CONTENTS

FOR INFORMATION

- | 03 | **SAFETY INFORMATION**
 - Danger
 - Warning
 - Caution
- | 07 | **PARTS NAME**
- | 09 | **WATER FILTRATION PROCESS**

MAINTENANCE

- | 16 | **INSTALLATION**
- | 18 | **CLEANING METHOD**
 - Storage tank
 - Gutter
 - Main body
 - Faucets
 - Cup-Touch Lever
- | 22 | **FILTER REPLACEMENT**
- | 23 | **FILTER REPLACEMENT METHOD**

HOW TO USE

- | 10 | **INSTALLATION PRECAUTIONS**
- | 12 | **INDICATION / OPERATION PART**
- | 14 | **HOW TO USE**
 - To drink the cold water
 - To drink the hot water
 - To drink the room water

OTHERS

- | 25 | **TROUBLESHOOTING**
- | 26 | **SPECIFICATION**
- | 27 | **WATER FLOW DIAGRAM**
- | 29 | **PERFORMANCE DATA SHEET**
- | 33 | **WARRANTY CARD**

- Please keep the User's Manual where it can be readily reached or found -

SAFETY INFORMATION

Be careful to keep this safety information.

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



for 120 V~ use only

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

- Do not use a damaged power cord or plug, and loose outlet.
- Do not pull the power cord.
- Do not carry the unit by its power cord.
- Do not touch the power plug with a wet hand.
- Do not forcefully bend the power cord or put it under a heavy object to prevent it from being damaged or deformed.
- Do not connect and pull out the power plug repeatedly.
- Remove any dust or water off in the pin and contacts of the power plug.
- Do not plug into an outlet that is being used by several other appliances.
Use an electrical outlet dedicated.
- When you don't use for a long time, close the main water supply valve and unplug.
- Do not attempt to repair or modify the power cord at your discretion.
- In the case the power cord is damaged, do not replace the cord yourself. Call Coway Service Center to have it replaced.
- Do not install near a heating device.
- When the water is coming inside of the product or there is a puddle on the product, call Service Center after closing the supplying valve and unplugging.

-
- If our product produces a strange noise or odd smell, immediately unplug from the electrical outlet and call our Service Center.
 - Do not put the candle, a light for cigarette on the products.
 - Do not place any containers with water, medicine, food, small metallic objects, or any flammable material on the top of the product.
 - Clean after unplugging.

SAFETY INFORMATION

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

- If the electric outlet is wet, carefully unplug the unit and let the electric outlet completely dry before subsequent use.
- Unplug the product before repair, inspection, or parts replacement.
- The water cooler is intended to be plugged into a receptacle of the ground fault circuit interrupting type.
- Do not install the product on a sloped floor.
- Do not press the product by constraint or impact.
- Do not clean by spraying the water directly or don't wipe the product using the benzene and thinner.
- Do not repair, disassemble, or modify.
- 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.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (California law requires this warning to be given to customers in the State of California).

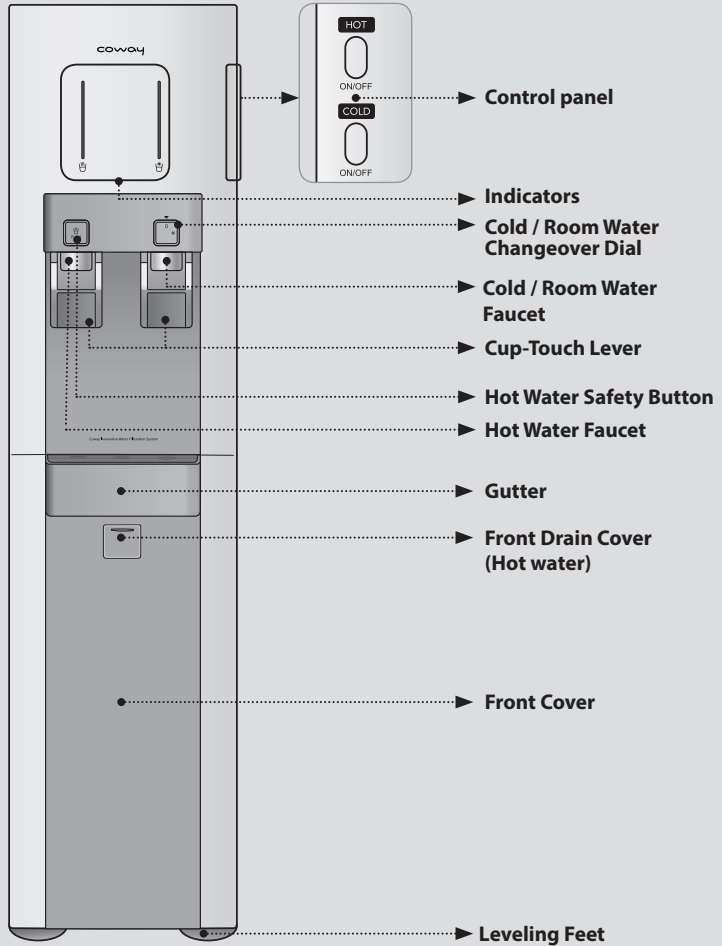
//////////

⚠ Caution : If not observed, minor physical injury or property damage may occur as a result.

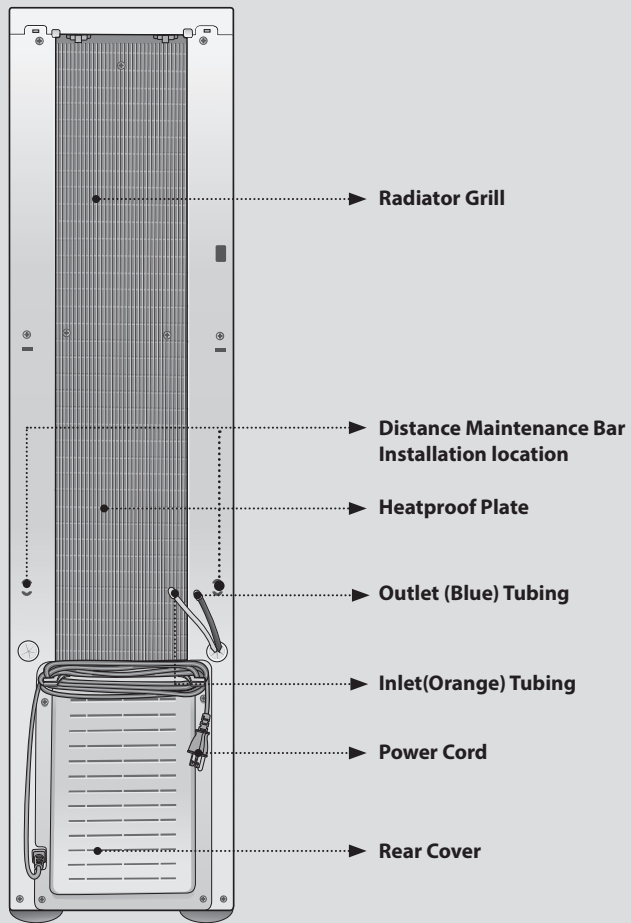
- The filtration device installation shall comply with applicable state and local regulations.
- Use after closing the water tank cover completely inside of the product.
- To drink the filtered, change the filter according to the filter replacement cycle.
- When you don't use for a long time, use after draining the saved water completely and emptying the newly room water once again.
- Do not allow hot water to come in contact with the human body.
- Do not use filtered water for the water exchange of an aquarium or a fishbowl.
- After moving the product or replacing the Plus Inno-sense filter, the black powder can be remained in the inner bottom of the water tank.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

PARTS NAME

Front



Rear



WATER FILTRATION PROCESS

The filter is the core technology of the filtration system.

If you don't use qualifying filter or if you use an old filter that has expired, the system performance may degrade.

The 5-step water filtering system (CHP-590L)

Step 1, 2: NEO-SENSE FILTER

Removes particles such as sand or rust from source water and protects the other filters.

Removes pollutants such as chlorine and volatile organic compounds (VOCs) from the source water.

Step 3 : RO MEMBRANE FILTER

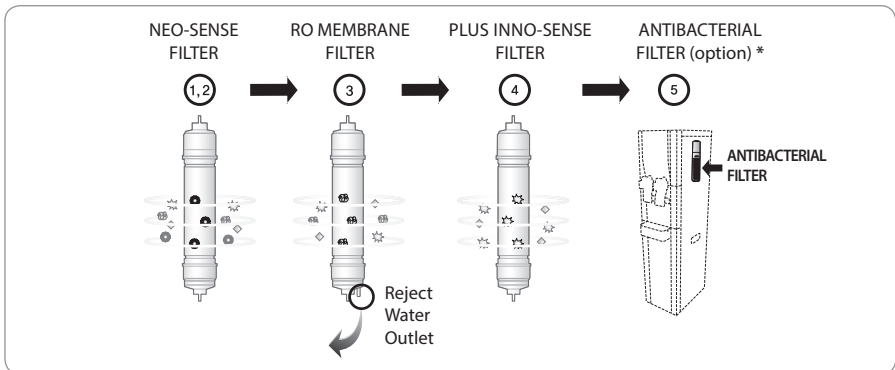
The membrane filter (RO) removes pollutants such as heavy metals, microorganisms, inorganic ions and organic matter from the source water. Water with concentrated pollutants is expelled from the filtered water through the outlet tubing.

Step 4 : PLUS INNO-SENSE FILTER

Removes odorous materials and improves water taste. Fourth filter: Antibacterial filter.

Step 5 : ANTIBACTERIAL FILTER*

Prevents microorganisms in the water.



* The Antibacterial filter contains silver, which is known to inhibit the propagation of microorganisms and to maintain the integrity of the filter.



Tips

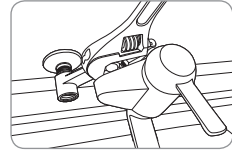
Uses of reject water

- The reject water should be used for cleaning the restroom, the house, clothes, or purposes other than drinking.
- Never use the reject water for a drinking or cooking.


INSTALLATION PRECAUTIONS

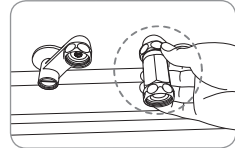
The summary for the proper installation of the water filtration device

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




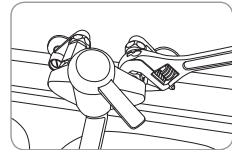
2. Apply the teflon tape on the adaptor and fit it to the pipe.

 Do not turn the water pipe.




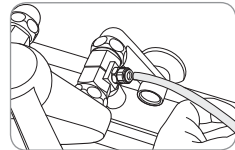
3. Connect the faucet with the adaptor.

 Install the adaptor with connector to the cold water pipe.

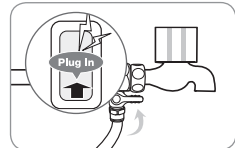


4. Connect 1/4 inch orange tubing with the connector on the adaptor.

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



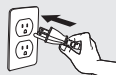
5. Open the feed valve to supply water to the filtration system.



INSTALLATION PRECAUTIONS

Please check before use!

- ⚠️ Only connect the power cord to the voltage rating that matches it on the rating plate.



- **After installing the product**

Get rid of the saved water above the full water in the inner water tank 2 times or more to use.

- **When the indicator in the indication part is turned off**

When the indicator in the indication part is turned off, check if the power supply was stopped due to the power failure or other cause.

- **Regular filter replacement**

It is important to replace the filter regularly to maintain water quality as it is designed. If the filter is overused beyond its service life, the performance of the water filtration device deteriorate. Do not miss the filter replacement cycle.

- **When you didn't use for a long time**

If you saved the water for a long time or you didn't use, drain the water inside of the water filtration device completely and remove the newly filtered water one time to use.

- **When you don't want to use the product for a long time.**

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

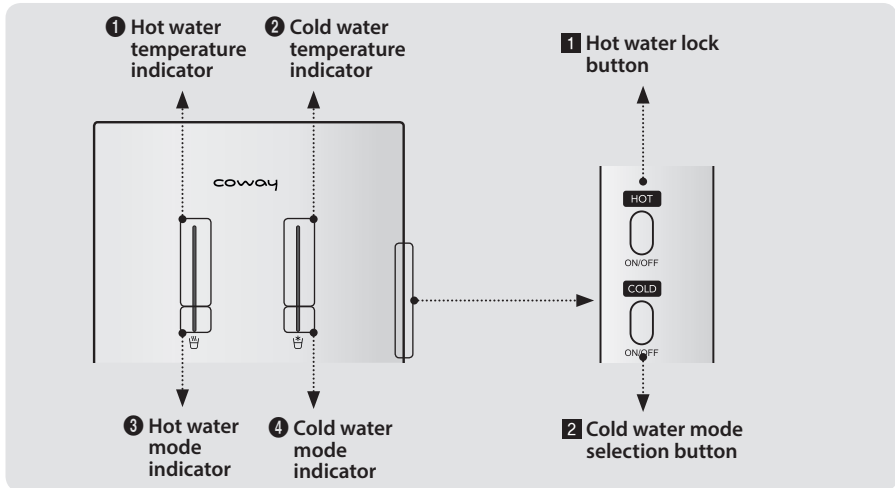


Tips

When you don't use for a long time, close the main water supply valve and unplug the power cord.

INDICATION / OPERATION PART

Indication part / Operation part



Indication part



1 Hot water temperature indicator

The indicator lights are illuminated according to the temperature of the hot water.
The more light on the indicator, the hotter the water.



2 Cold water temperature indicator

The indicator lights are illuminated according to the temperature of the cold water.
The more light on the indicator, the colder the water.



3 Hot water mode indicator

This indicator is illuminated when Hot Water Mode is selected.



4 Cold water mode indicator

This indicator is illuminated when Cold Water Mode is selected.



INDICATION / OPERATION PART

Indication part

HOT



ON/OFF

1 Hot water mode selection button

To select/deselect hot water mode.

COLD



ON/OFF

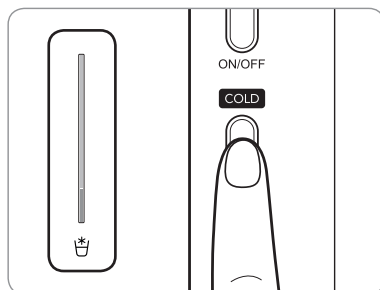
2 Cold water mode selection button

To select/deselect cold water mode.

■ To use the Cold Water function

Press the cold water mode selection button and check that the cold water mode indicator light is on. To turn off cold water mode, hold the selection button for about 2 seconds.

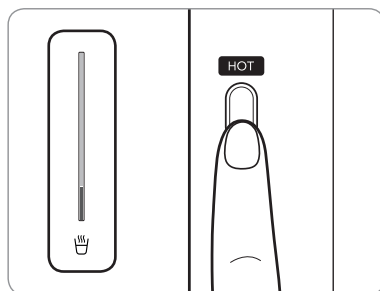
* You can dispense cold water about one hour after you turn on the cold water function.



■ To use the Hot Water function

Press the hot water mode selection button and check that the hot water mode indicator light is on. To turn off hot water mode, hold the selection button for about 2 seconds.

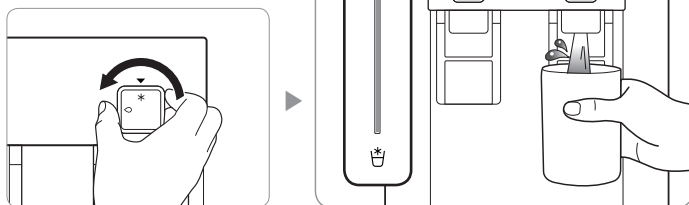
* You can dispense hot water about 30 minutes after you turn on the hot water function.



HOW TO USE

To drink the cold water

Turn the cold water conversion knob to the left and push the Cup-Touch Lever to enjoy cold water.

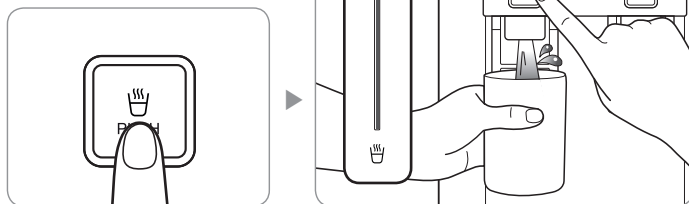


Tips

- If cold water is not dispensed from the water purifier, check that the Cold Water indicator is lit up on the display (see page 13).

To drink the hot water

Touch the Hot Water Safety button and push the Cup-Touch Lever to enjoy hot water.



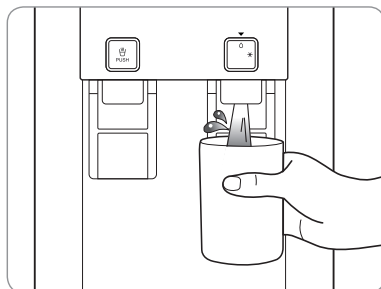
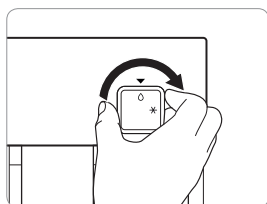
Tips

- If hot water is not dispensed from the water purifier, check that the Hot Water indicator is lit up on the display (see page 13).

HOW TO USE

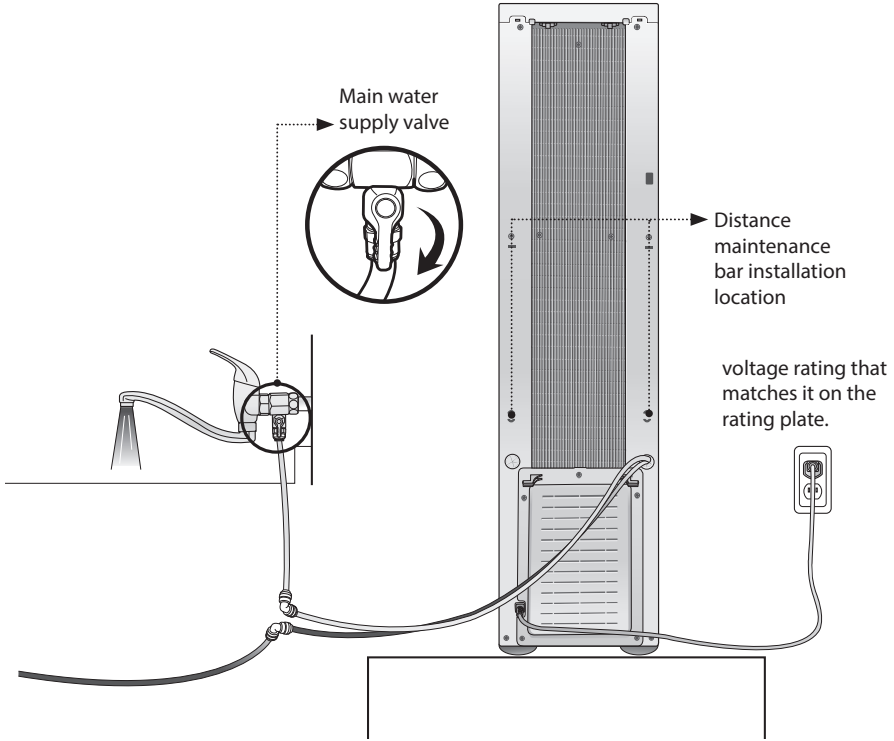
To drink the room water

Turn the cold water conversion knob to the right and push the Cup-Touch Lever to enjoy room water.



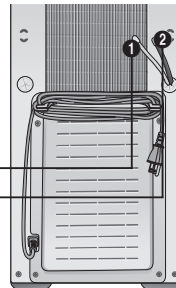
INSTALLATION

Follow the instruction for installation



Connect the orange color inlet tubing ① to the tap water supplying pipe. Connect the outlet tubing ②.

Inlet tubing (Orange) ←
Outlet tubing (Blue) ←



INSTALLATION

Be cautious!

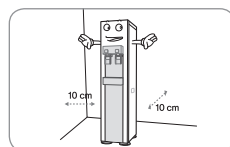
■ Water filtration device installation place 1

Please install the water filtration system not at a rough place, a damp place, a place where the unit is exposed to the direct sunlight, a place where dust is present, or a place that the water drops.



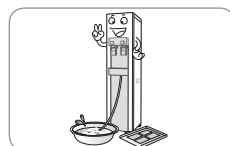
■ Water filtration device installation place 2

Please install at the place where it is 10 cm or more off from the wall and the bottom is flat and firm.



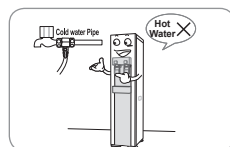
■ After installing the water filtration system

Please empty the water tank filled with filtered water two times after the product installation.



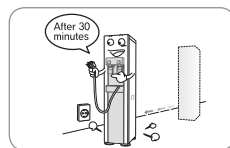
■ Cold water plumbing

Please connect the source water. Make sure that the source water is not from hot water line. If you use hot water as source water, then it will cause permanent damages to RO membrane and severely degrade the product performance.



■ Movement and installation

When the position is moved, connect the power cord when 30 minutes passes after installing.



To maintain optimal product performance, consult a Coway engineer for the detailed installation methods.



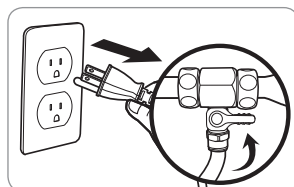
Tips

- ⚠ There may be some water remaining inside of the filter which was used to test the product during inspection process at the factory. Please feel at easy and use as it isn't the used product.
- ⚠ Don't reuse the main water supply valve and hose that was previously used when you re-install the product.

CLEANING METHOD

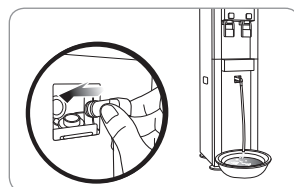
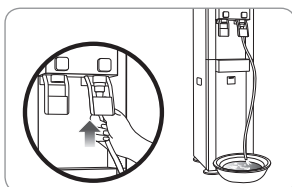
Storage tank

1. Hold down both the cold water/hot water function buttons at the front of the product for 2 seconds to turn the product off and then unplug the power cord. Lock the water supply valve.

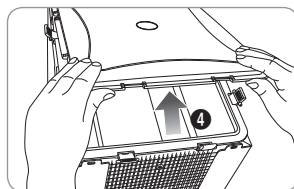
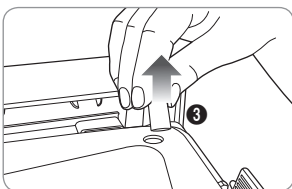
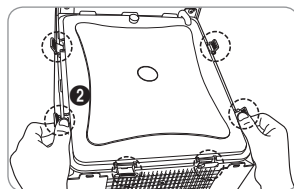
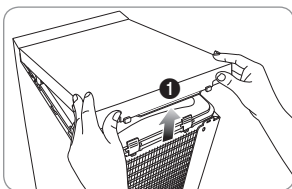


2. Use the outlet tubing to completely drain all water from inside the purifier.

* Drain water from the cold/room water tank from the cold/room water tap and water from the hot water tank from the front drainage outlet.



3. Push the upper cover of the product upward to open. Open the clips (x6) affixing the interior storage tank and then remove the hose and open the interior storage tank.

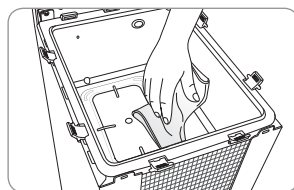


CLEANING METHOD

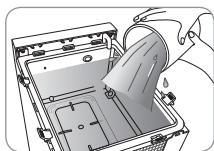
4. Detach the antibacterial filter from the water tank cover and shake in water from the product to clean, then reinstall.



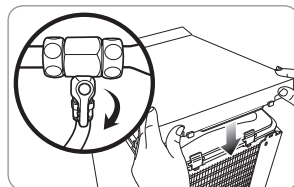
5. Wipe the interior water tank surfaces with a soft cloth.



6. Rinse the interior water storage tank clean with water taken in advance from the product, and then use the outlet tubing to completely drain. Run purified water through the product once and empty, and then use.



7. Close the upper cover and plug in the power cord, then turn on the water supply valve. Check that water comes from the cold/room temperature and hot water taps and then press the Hot/Cold Water function selection button on the front of the product to restart it.



Tips

⚠ **Close the storage tank cover completely.**
Insects or other foreign particles can be entered.

⚠ **When you clean the storage tank, don't use any chemicals or detergent.**

If you don't clean chemicals or detergent cleanly, it can be harmful to the body.

- Keep the surroundings clean and clean the storage tank once per two months.

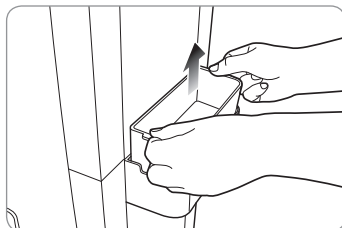
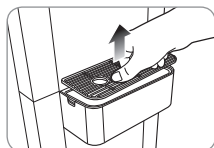
Drugs,
detergent, etc. X



Gutter

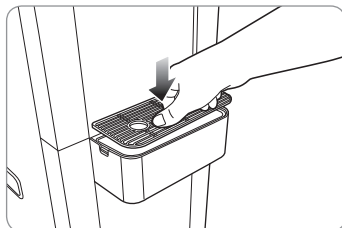
1. Detaching the gutter

Remove the gutter cover and then raise the gutter to easily detach it.



2. How to assemble the gutter

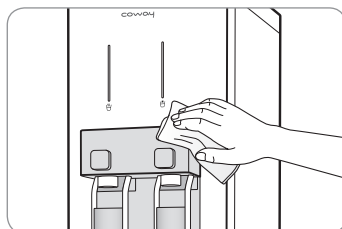
Attach the gutter to the front of the product and then gently lift the gutter cover.



Main body

Wipe with a soft, dry cloth.

* If there is severe contamination, use a damp cloth (do not use abrasives).



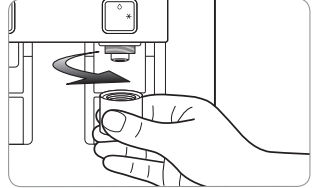
Tips

- Do not immerse the product in water to clean it.
- Do not clean using thinners, benzene, rough cloths, or detergent containing abrasives.

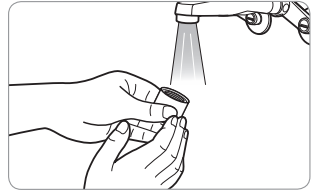
CLEANING METHOD

Faucets

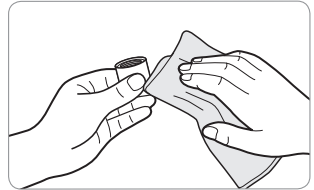
1. Turn the taps in a clockwise direction to detach.



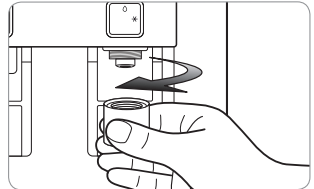
2. Wash the detached taps in running water.



3. Remove moisture from the taps with a soft, dry cloth.



4. After cleaning is finished, turn the taps in a counterclockwise direction to reattach.



Tips

⚠ Never clean using cotton balls.
Bits of cotton or other foreign matter
may remain.

Cup-Touch Lever

Wipe dirty areas of the Cup-Touch Lever with a soft, dry cloth.

* If it is severely contaminated, wipe with a wet cloth.



FILTER REPLACEMENT

■ Filter

Filter is a critical component for a water filtration system. Replacing authorized filters at a specified replacement cycle is important to maintain the water quality, and a proper system operation. Please replace filters at a specified replacement cycle. For replacement filters, please contact Coway authorized dealers and distributors.

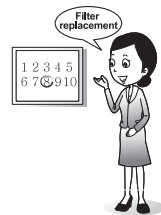


■ Filter replacement cycle

If the filter is not regularly replaced, it may degrade the water quality from the product. The source water quality can shorten the filter replacement period.

CHP-590L

Part No.	Names of Filter	Replacement cycle
CNFN14	NEO-SENSE FILTER	6 months
CRMFN14-50	RO MEMBRANE FILTER (CHP-590L)	24 months
CIFN14-PLUS	PLUS INNO SENSE FILTER	18 months
CAF-03	ANTIBACTERIAL FILTER (option) *	12 months



■ About filter replacement cycle

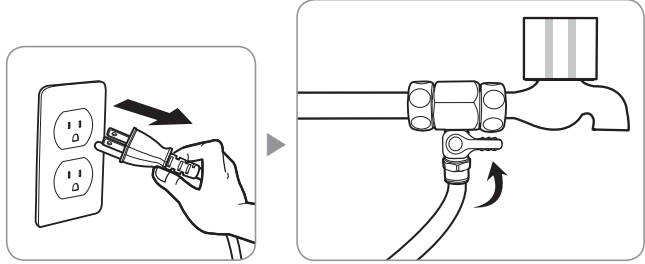
The filter replacement cycle described above is not the filter quality warranty period but the expected cycle (life) that the filter shows its original performance.

Therefore, the filter replacement cycle may be reduced for the area with the poor water quality or more water consumption.

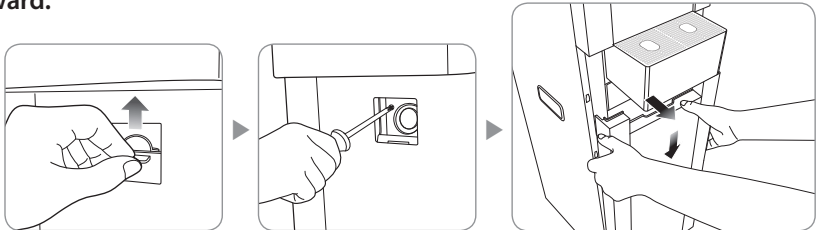


FILTER REPLACEMENT METHOD

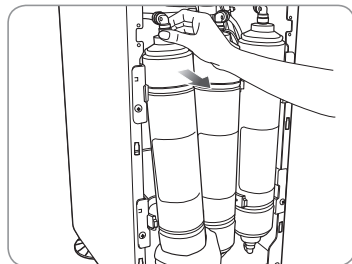
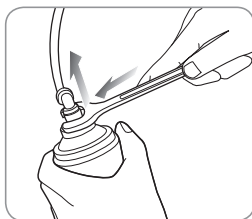
- 1. Close the main water supply valve after unplugging the power cord, and drain the water inside of the water filtration device (See P.18).**



- 2. Open by pressing the front draining cover and release 1 fixed screw using the Philips driver.
Separate the front cover under the product by pressing and pulling forward.**



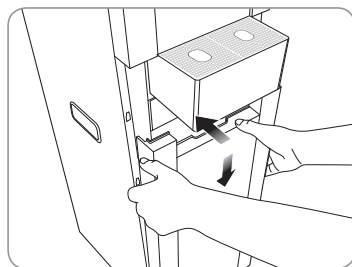
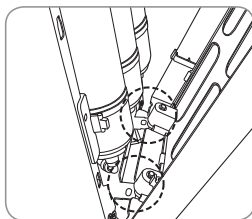
3. After separating the fitting connected to the filter to replace, please replace the filter. (Separate the fitting using the proper tool.)



Tips

- ⚠ When you are replacing filters, please make sure that a corresponding filter and a hose are firmly connected and that there is no leakage. It is recommended to empty the water tank filled with the filtered water at least one time right after the filter replacement.

4. Please fit the groove of the front cover.
After tightening 1 fixed screw in the front draining part using the Phillips driver, let down and close the front draining door.



Tips

- ⚠ Use new filters only after washing.
- Neo-Sense filter: Install after washing with source water for about 1 minute.
 - Membrane filter (RO): Install the main water supply valve and install after washing with source water for about 5 minutes.
 - Nanotrap filter: Install after washing with source water for about 3 minutes.
 - Plus Inno-Sense Filter: Install with no separate flushing.
 - Plus Inno-Sense Filter (D): Install with no separate flushing.

TROUBLESHOOTING

The water filtration device may operate abnormally due to minor causes not because of the product malfunction but because of the fact that the user is not familiar with the product use. In such a case, problems can be solved easily even without the help from the Service Center by checking the following items. If you can't solve the problem after checking the following items, please call the Service Center.

Symptom	Check	Measures to take
The water tastes weird.	• Did you clean the storage tank?	Clean the storage tank.
	• You didn't use the water filtration device for a long time.	Get rid of the saved water and clean the storage tank.
	• Isn't it about time to change the filter?	Request the filter replacement.
The water doesn't come.	• Is the water supply cut or isn't the water supply valve closed?	Open the main water supply valve.
	• Did you miss the filter replacement times?	Request the filter replacement.
The water is flowing slower.	• Isn't it about time to change the filter?	Request the filter replacement.
	• Does the main power connect to the voltage rating that matches it on the rating plate?	Connect the power cord to the voltage rating that matches it on the rating plate.
	• Didn't you close the main water supply valve?	Open the main water supply valve.
	• Didn't the temperature of the main water drop suddenly?	If the water temperature is lowered, the water amount is decreased.
The cold water / hot water doesn't come.	• Was the cold water mode indicator lightened?	Please press the cold water mode selection button.
	• Didn't you close the main water supply valve?	If it is the low water level to protect the electric motor, the cooling function doesn't operate. Open the main water supply valve.
	• Isn't the back side of the water filtration device and the wall too close?	Please keep the distance between the back of the water filtration device and the wall to 10 cm or more.
All operation was stopped suddenly when driving.	• Is the main water being supplied actively?	Check the main water supply valve.
	• Does the main power connect to the voltage rating that matches it on the rating plate?	Connect the power cord to the voltage rating that matches it on the rating plate.
	• Isn't water overflowing or leaking?	Request A/S.

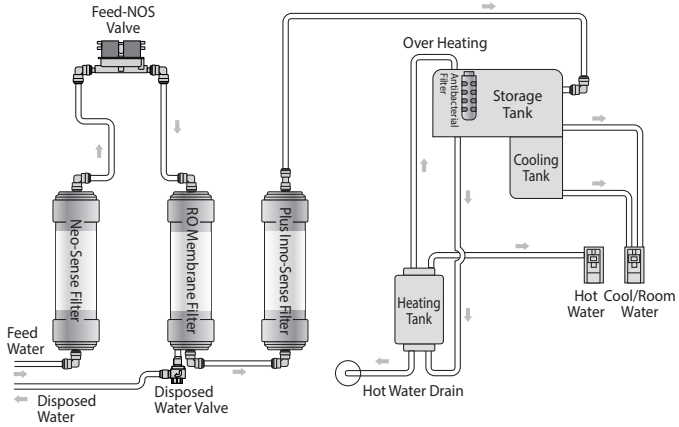
SPECIFICATION

Product		Water Filtration Device	
Model		CHP-590L	CHP-590R
Filtration Method		RO(Reverse Osmosis)	
Power Supply		Refer to the rating plate.	
Tank Capacity	Room Water	6 L	
	Cold Water	3 L	
	Hot Water	3 L	
	Total	12 L	
Dimension		260 mm(W) × 448 mm(D) × 1 150 mm(H)	
Working Temperature		5 °C - 35 °C (41 °F - 95 °F)	
Production Rate		189 L/d (25 °C, 0.14 Mpa)	
Working Pressure		20 ~ 120 psi (137 ~ 827 kPa)	10 ~ 120 psi (69 ~ 827 kPa)
Net Weight		27 kg	29 kg

- The water amount can be differentiated according to the water pressure and the water temperature.
- The water tank capacity is the amount by 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.
- Refer to Performance data sheet for individual contaminants, reduction performance and general operating information.

WATER FLOW DIAGRAM

CHP-590L



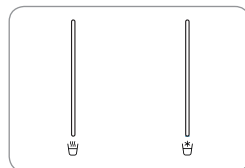
MEMO

FONCTIONNALITÉS

1

Un écran pour voir le statut en un coup d'œil

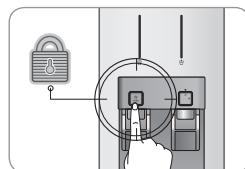
Cet écran utilise plusieurs voyants qui vous permettent de voir le statut de l'appareil de façon pratique, en un coup d'œil.



2

Robinet de sécurité pour l'eau chaude

Un équipement de sécurité est installé sur le robinet d'eau chaude pour éviter les brûlures avec l'eau chaude (90 °C minimum).



3

Système de vidange avant

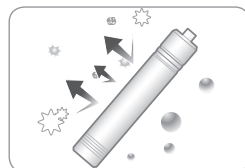
Vous pouvez vidanger de façon pratique l'eau chaude de l'avant de l'appareil en ouvrant le cache de vidange avant, de sorte que vous n'ayez pas à déplacer l'appareil pour le vidanger.



4

Protection contre la poussière

Ce purificateur utilise un filtre Plus Inno-Sense (D) pour minimiser la quantité de particules de poussière pénétrant dans le réservoir interne.



CHERS CLIENTS

Nous vous remercions d'utiliser le **dispositif de filtration de l'eau Coway**.
Veuillez lire attentivement le manuel d'utilisation afin d'utiliser et d'entretenir votre appareil de manière appropriée.

En cas de problème d'utilisation, consultez la section Dépannage. La carte de garantie étant incluse dans ce manuel, conservez ce dernier dans un endroit sûr.



The CHP-590L is tested and certified by WQA according to NSF/ANSI 42, 53, 58 and 372.

This system conforms to NSF/ANSI 53 for pentavalent arsenic reduction. See performance data sheet and arsenic facts section for an explanation of reduction performance.

SOMMAIRE

À TITRE D'INFORMATION

- | 03 | **CONSIGNES DE SÉCURITÉ**
Danger
Avertissement
Attention
- | 07 | **NOM DES PIÈCES**
- | 09 | **PROCESSUS DE FILTRATION DE L'EAU**

ENTRETIEN

- | 16 | **INSTALLATION**
- | 18 | **PROCÉDURE DE NETTOYAGE**
Réservoir de stockage
Grille
Corps de l'appareil
Robinets
Lever à actionnement par gobelet
- | 22 | **REMPLACEMENT DES FILTRES**
- | 23 | **PROCÉDURE DE REMPLACEMENT DES FILTRES**

UTILISATION

- | 10 | **PRÉCAUTIONS D'INSTALLATION**
- | 12 | **PARTIE À VOYANTS / D'ACTIONNEMENT**
- | 14 | **UTILISATION**
Pour boire de l'eau froide
Pour boire de l'eau chaude
Pour boire de l'eau tempérée

AUTRES

- | 25 | **DÉPANNAGE**
- | 26 | **CARACTÉRISTIQUES TECHNIQUES**
- | 27 | **SCHÉMA DE CIRCULATION DE L'EAU**
- | 29 | **FICHE TECHNIQUE DES PERFORMANCES**
- | 33 | **CARTE DE GARANTIE**

CONSIGNES DE SÉCURITÉ

Veillez à conserver précieusement ces consignes de sécurité.

Veillez lire attentivement ces consignes afin d'empêcher la perte de matériel et d'assurer votre sécurité.



pour une utilisation
avec 120 V~
uniquement

▲ Danger : Le non-respect de ces consignes peut entraîner des blessures graves, voire la mort.

- N'utilisez jamais une fiche ou un cordon électrique endommagé(e) ou une prise électrique lâche.
- Ne tirez pas sur le cordon d'alimentation.
- Ne transportez pas l'appareil en le tenant par son cordon d'alimentation.
- Ne touchez pas la fiche électrique si vous avez les mains mouillées.
- Ne pliez pas avec force le cordon d'alimentation ou ne le placez pas sous un objet lourd afin d'éviter qu'il ne soit endommagé ou déformé.
- Évitez de brancher et de débrancher le cordon d'alimentation de façon répétée.
- Retirez toute la poussière ou l'eau présente dans la broche et les contacts de la fiche électrique.
- Ne branchez pas votre purificateur d'eau sur une prise qui est utilisée par plusieurs autres appareils. Utilisez une prise électrique dédiée.
- Lorsque vous n'utilisez pas l'appareil pendant une période prolongée, fermez la vanne d'arrivée d'eau principale et débranchez l'appareil.
- Ne pas tenter de réparer ou de modifier le cordon d'alimentation à votre guise.

-
- Si le cordon d'alimentation est endommagé, ne tentez pas de le remplacer vous-même. Appelez le centre de réparation Coway pour le faire remplacer.
 - N'installez pas l'appareil à proximité d'un appareil chauffant.
 - Lorsque de l'eau pénètre dans l'appareil ou lorsqu'il y a un corroi sur l'appareil, appelez le centre de réparation après avoir fermé la vanne d'arrivée d'eau et débranché l'appareil.
 - Si notre appareil émet un bruit ou une odeur étrange, débranchez-le immédiatement de la prise électrique et appelez notre centre de réparation.
 - Ne mettez pas de bougie ou de briquet sur l'appareil.
 - Ne posez pas de récipients remplis d'eau, de médicaments, de nourriture, de petits objets métalliques ou de matériaux inflammables sur le dessus de l'appareil.
 - Une fois l'appareil débranché, nettoyez-le.

CONSIGNES DE SÉCURITÉ

▲ Avertissement : le non-respect de ces consignes peut entraîner des blessures graves ou des dégâts matériels.

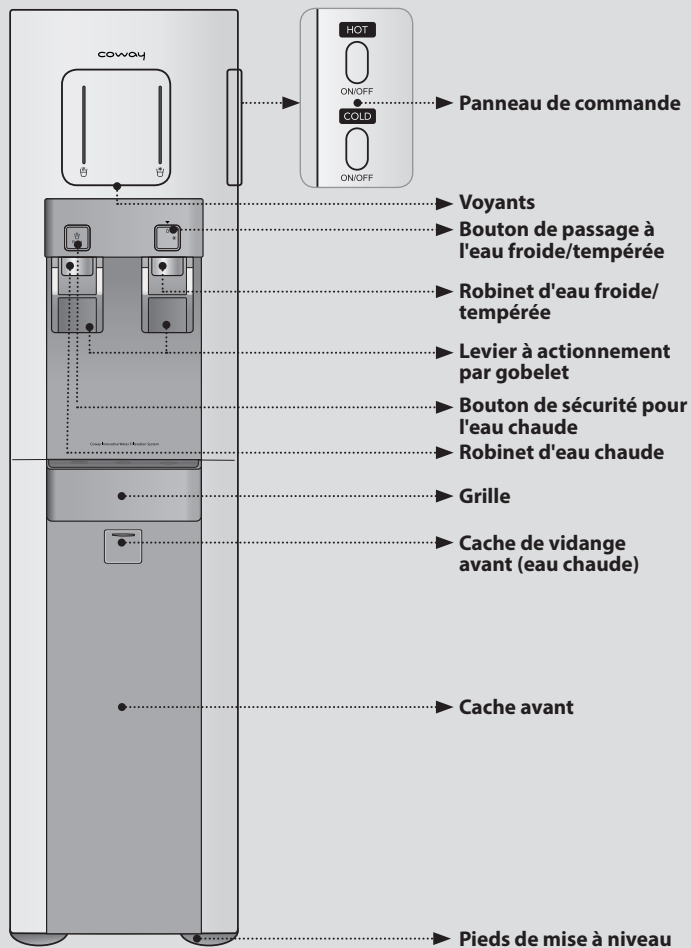
- Si la prise murale est mouillée, débranchez l'appareil avec précaution et laissez la prise sécher complètement avant de le réutiliser.
- Débranchez l'appareil avant de procéder à toute opération de réparation, d'inspection ou de remplacement de pièces.
- Le refroidisseur d'eau est destiné à être branché à un réceptacle de type disjoncteur différentiel de fuite à la terre.
- N'installez pas l'appareil sur un sol incliné.
- N'appuyez pas sur l'appareil que ce soit par le biais d'une contrainte ou d'un choc.
- Ne nettoyez pas l'appareil en pulvérisant de l'eau directement et ne le nettoyez pas non plus avec du benzène ou du diluant.
- Ne tentez jamais de réparer, de démonter ou de modifier l'appareil vous-même.
- Cet appareil n'est pas conçu pour être utilisé par des personnes (y compris les enfants) inexpérimentées ou dont les capacités physiques, sensorielles ou mentales sont réduites, sauf si celles-ci sont sous la surveillance ou ont reçu les instructions d'utilisation par la personne responsable de leur sécurité.
- Les enfants doivent rester sous la surveillance d'un adulte pour s'assurer qu'ils ne jouent pas avec l'appareil.
- Cet appareil peut être utilisé par des enfants âgés de 8 ans et plus.
- Utilisez les nouveaux kits de flexibles fournis avec l'appareil et ne réutilisez pas les anciens kits de flexibles.

▲ **Attention : le non-respect des consignes peut entraîner des blessures légères ou des dégâts matériels.**

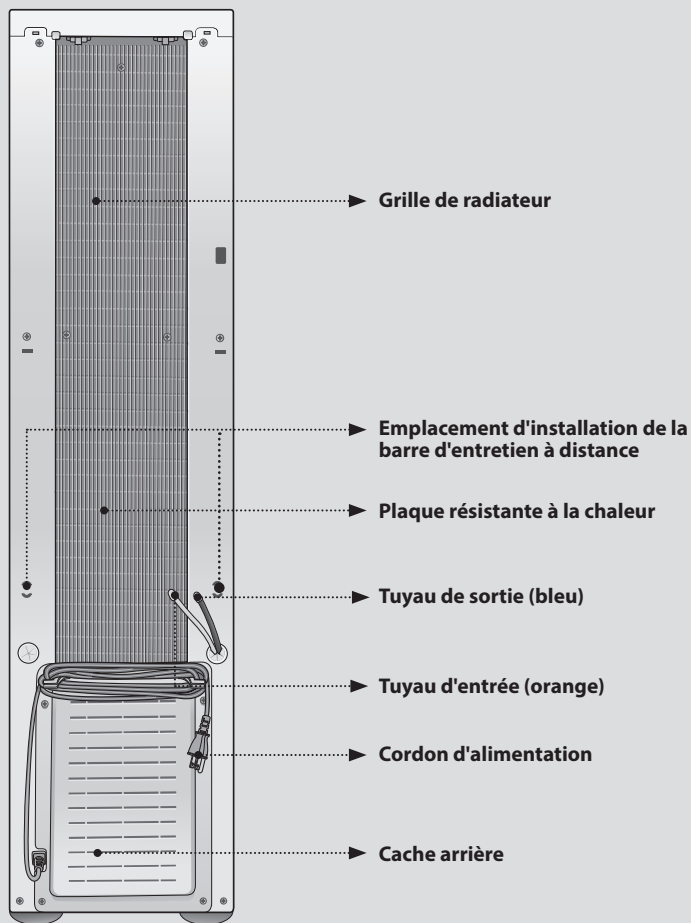
- L'installation de l'appareil de filtration doit être conforme aux réglementations nationales et locales en vigueur.
- Utilisez-le après avoir complètement fermé le cache du réservoir d'eau à l'intérieur de l'appareil.
- Pour boire de l'eau filtrée, remplacez le filtre en fonction de son cycle de remplacement.
- Lorsque vous ne l'utilisez pas pendant une période prolongée, vidangez d'abord complètement l'eau résiduelle et videz de nouveau la nouvelle eau tempérée.
- Ne laissez pas l'eau chaude entrer en contact avec le corps humain.
- N'utilisez jamais l'eau filtrée pour changer l'eau d'un aquarium ou d'un bocal à poissons.
- Après avoir déplacé l'appareil ou remplacé le filtre Plus Inno-Sense, de la poudre noire peut rester au fond de l'intérieur du réservoir d'eau.
- N'utilisez jamais d'eau douteuse d'un point de vue microbiologique ou dont la qualité est inconnue sans effectuer de désinfection adéquate en amont ou en aval de l'appareil.

NOM DES PIÈCES

Vue avant



Vue arrière



PROCESSUS DE FILTRATION DE L'EAU

Le filtre est la technologie centrale du système de filtration.

Si vous n'utilisez pas de filtre qualifié ou si vous utilisez un vieux filtre qui a dépassé sa date d'expiration, les performances du système peuvent être dégradées.

Le système de filtration de l'eau en 5 étapes (CHP-590L)

Étapes 1 et 2 : FILTRE NEO-SENSE

Élimine les particules, telles que le sable ou la rouille, contenues dans l'eau de source et protège les autres filtres. Élimine les polluants, tels que le chlore et les composés organiques volatiles (COV), contenus dans l'eau de source.

Étape 3 : FILTRE À MEMBRANE OI

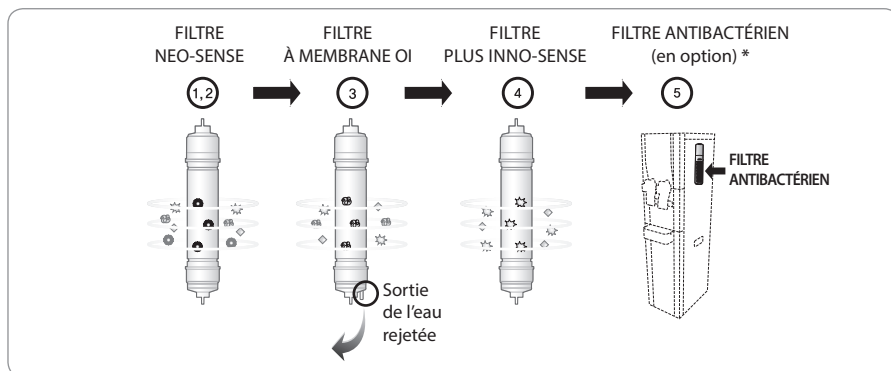
Le filtre à membrane (OI) élimine les polluants, tels que les métaux lourds, les microorganismes, les ions inorganiques et la matière organique, contenus dans l'eau de source. L'eau contenant des polluants concentrés est expulsée de l'eau filtrée par le tuyau de sortie.

Étape 4 : FILTRE PLUS INNO-Sense

Élimine les substances odorantes et améliore le goût de l'eau. Quatrième filtre : filtre antibactérien.

Étape 5 : FILTRE ANTIBACTÉRIEN*

Évite la présence de microorganismes dans l'eau.



* Le filtre antibactérien contient de l'argent, qui est connu pour empêcher la propagation des microorganismes et pour maintenir l'intégrité du filtre.



Conseils

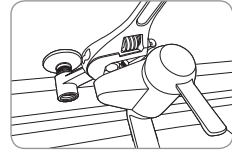
Utilisations de l'eau rejetée

- L'eau rejetée peut être utilisée pour le nettoyage des toilettes, de la maison, des vêtements ou à toute autre fin que pour boire.
- N'utilisez jamais l'eau rejetée pour boire ou cuisiner.

PRÉCAUTIONS D'INSTALLATION

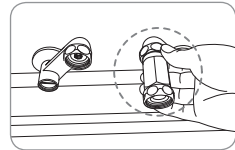
La synthèse pour la bonne installation du dispositif de filtration de l'eau

1. Coupez l'arrivée d'eau principale pour débrancher le robinet.



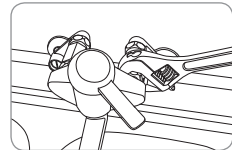
2. Appliquez le ruban en téflon sur l'adaptateur et fixez celui-ci sur le tuyau.

⚠ Ne tournez pas le tuyau d'arrivée d'eau.



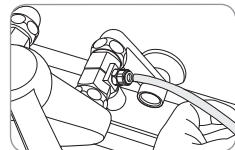
3. Raccordez le robinet à l'adaptateur.

⚠ Installez l'ensemble adaptateur/connecteur sur le tuyau d'arrivée d'eau froide.

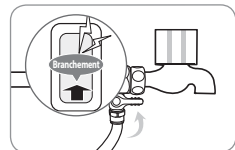


4. Raccordez le tuyau orange d'1/4 de pouce sur l'adaptateur avec le connecteur.

⚠ Faites couler de l'eau dans chaque filtre pendant au moins 5 minutes avant de procéder au raccordement.




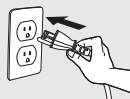
5. Ouvrez la vanne d'arrivée d'eau pour amener l'eau au système de filtration.



PRÉCAUTIONS D'INSTALLATION

À vérifier avant utilisation !

 **Raccordez le cordon d'alimentation uniquement à une valeur nominale de tension conforme à celle indiquée sur la plaque signalétique.**



- **Après avoir installé l'appareil**

Éliminez l'eau résiduelle située au-dessus du niveau maximum dans le réservoir d'eau interne 2 fois ou plus pour l'utiliser.

- **Lorsque le voyant dans la partie à voyants est éteint**

Lorsque le voyant dans la partie à voyants est éteint, vérifiez si l'alimentation a été interrompue en raison d'une coupure de courant ou pour toute autre raison.

- **Remplacement régulier des filtres**

Il est important de remplacer le filtre régulièrement afin de conserver la qualité de l'eau telle que recherchée. Si le filtre continue à être utilisé au-delà de sa durée de vie, les performances du dispositif de filtration de l'eau se détériorent. Respectez bien le cycle de remplacement des filtres.

- **Lorsque vous n'avez pas utilisé l'appareil pendant une période prolongée**

Si vous avez laissé de l'eau à l'intérieur pendant une période prolongée ou si vous ne l'avez pas utilisé, vidangez complètement l'eau se trouvant à l'intérieur du dispositif de filtration de l'eau et videz de nouveau la nouvelle eau filtrée.

- **Lorsque vous ne souhaitez pas utiliser l'appareil pendant une période prolongée**

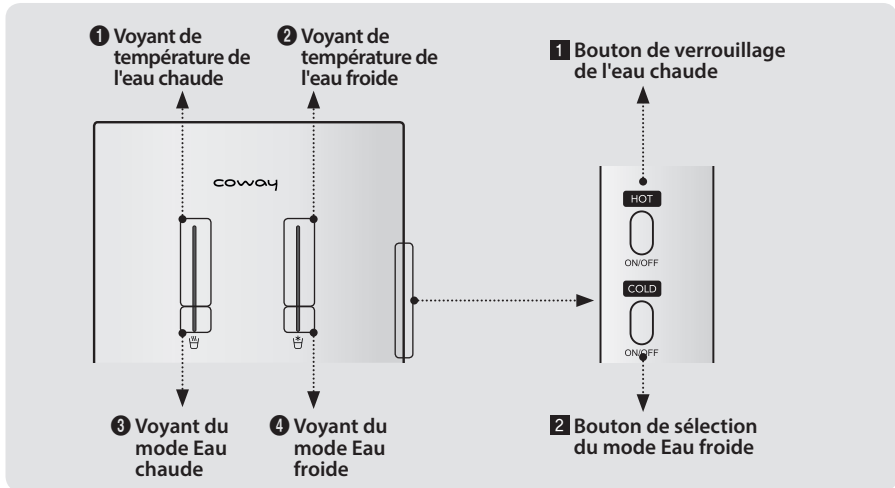
Fermez la vanne d'arrivée d'eau principale et débranchez le cordon d'alimentation.



Lorsque vous n'utilisez pas l'appareil pendant une période prolongée, fermez la vanne d'arrivée d'eau principale et débranchez le cordon d'alimentation.

PARTIE À VOYANTS/D'ACTIONNEMENT

Partie à voyants/d'actionnement

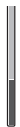


Composants d'affichage



1 Voyant de température de l'eau chaude

Les voyants s'allument en fonction de la température de l'eau chaude. Plus le voyant est éclairé, plus l'eau est chaude.



3 Voyant du mode Eau chaude

Ce voyant s'allume lorsque le mode Eau chaude est sélectionné.



2 Voyant de température de l'eau froide

Les voyants s'allument en fonction de la température de l'eau froide. Plus le voyant est éclairé, plus l'eau est froide.



4 Voyant du mode Eau froide

Ce voyant s'allume lorsque le mode Eau froide est sélectionné.



PARTIE À VOYANTS/D'ACTIONNEMENT

Composants d'affichage

HOT



ON/OFF

1 Bouton de sélection du mode Eau chaude

Pour sélectionner/désélectionner le mode Eau chaude.

COLD



ON/OFF

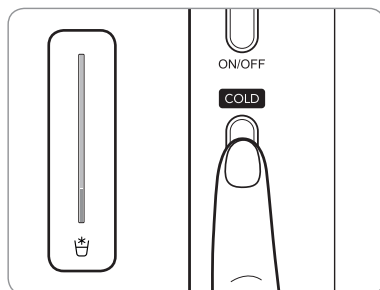
2 Bouton de sélection du mode Eau froide

Pour sélectionner/désélectionner le mode Eau froide.

■ Pour utiliser la fonction Eau froide

Appuyez sur le bouton de sélection du mode Eau froide et vérifiez que le voyant du mode Eau froide est allumé. Pour désactiver le mode Eau froide, maintenez le bouton de sélection enfoncé pendant environ 2 secondes.

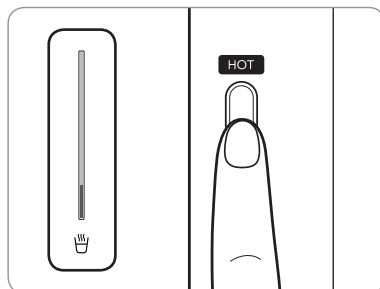
* Vous pouvez vous servir de l'eau froide environ une heure après avoir activé la fonction Eau froide.



■ Pour utiliser la fonction Eau chaude

Appuyez sur le bouton de sélection du mode Eau chaude et vérifiez que le voyant du mode Eau chaude est allumé. Pour désactiver le mode Eau chaude, maintenez le bouton de sélection enfoncé pendant environ 2 secondes.

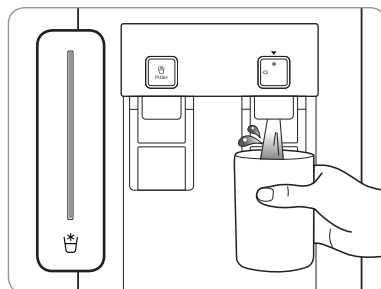
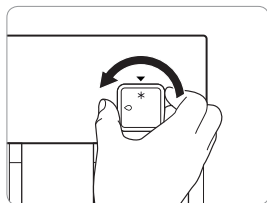
* Vous pouvez vous servir de l'eau chaude environ 30 minutes après avoir activé la fonction Eau chaude.



UTILISATION

Pour boire de l'eau froide

Tournez le bouton de conversion d'eau froide sur la gauche et poussez le levier à actionnement par gobelet pour vous servir de l'eau froide.

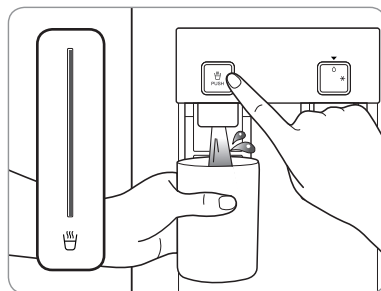
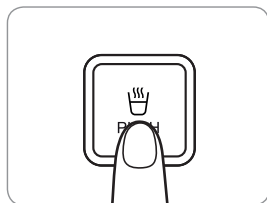


Conseils

- Si ce n'est pas de l'eau froide qui est versée par le purificateur d'eau, vérifiez que le voyant du mode Eau froide est allumé sur l'écran (reportez-vous à la page 13).

Pour boire de l'eau chaude

Touchez le bouton de sécurité de l'eau chaude et poussez sur le levier à actionnement par gobelet pour vous servir de l'eau chaude.



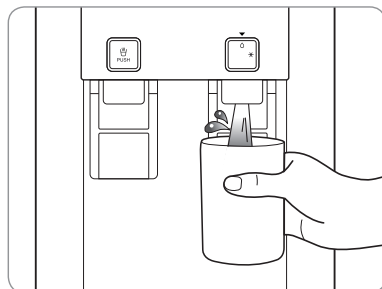
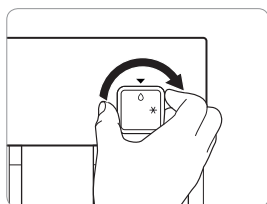
Conseils

- Si ce n'est pas de l'eau chaude qui est versée par le purificateur d'eau, vérifiez que le voyant du mode Eau chaude est allumé sur l'écran (reportez-vous à la page 13).

UTILISATION

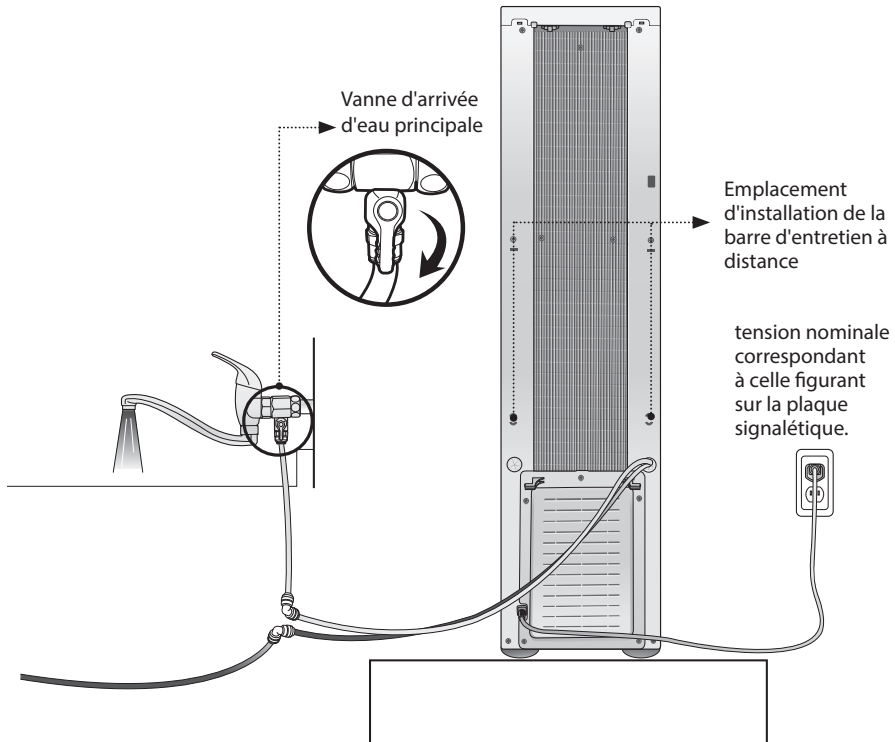
Pour boire de l'eau tempérée

Tournez le bouton de conversion d'eau froide sur la droite et poussez le levier à actionnement par gobelet pour vous servir de l'eau tempérée.



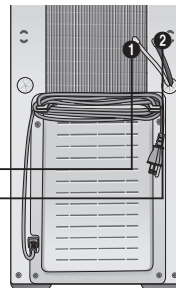
INSTALLATION

Suivez les instructions d'installation.



Raccordez le tuyau d'entrée orange ① sur la conduite d'arrivée d'eau du robinet. Raccordez le tuyau de sortie ②.

Tuyau d'entrée (orange) ←
Tuyau de sortie (bleu) ←



INSTALLATION

Faites preuve de prudence !

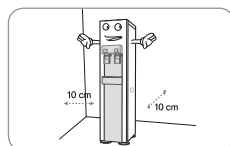
■ Emplacement 1 d'installation du dispositif de filtration de l'eau

Veillez ne pas installer le système de filtration de l'eau à un endroit difficile, humide, poussiéreux et où l'appareil serait exposé à la lumière directe du soleil ou à des gouttes d'eau.



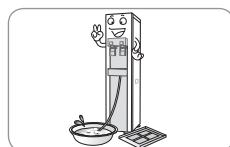
■ Emplacement 2 d'installation du dispositif de filtration de l'eau

Veillez installer l'appareil à un endroit où il est éloigné d'au moins 10 cm du mur et où le fond est plat et ferme.



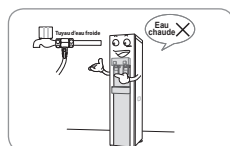
■ Après avoir installé le système de filtration de l'eau

Veillez vider le réservoir d'eau rempli d'eau filtrée à deux reprises après avoir installé l'appareil.



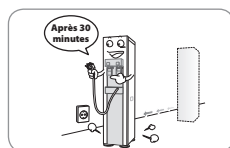
■ Robinet d'eau froide

Veillez raccorder l'eau de source. Assurez-vous que l'eau de source ne provient pas de la conduite d'eau chaude. Si vous utilisez de l'eau chaude comme eau de source, alors cela entraînera des dommages permanents sur la membrane OI et dégradera les performances de l'appareil.



■ Déplacement et installation

Lorsque l'appareil est déplacé, raccordez le cordon d'alimentation après avoir laissé écouler 30 minutes après l'installation.



Conseils

Pour conserver des performances optimales de l'appareil, demandez conseil à un ingénieur Coway pour connaître les procédures d'installation détaillées.

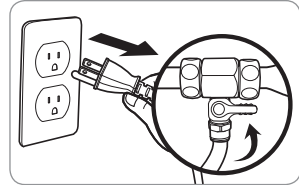
⚠ Il peut y avoir un peu d'eau résiduelle à l'intérieur du filtre qui a été utilisé pour tester l'appareil pendant le processus d'inspection à l'usine. Ne vous inquiétez pas : vous pouvez l'utiliser comme s'il était neuf.

⚠ Ne réutilisez pas la vanne d'arrivée d'eau principale et le flexible qui a été précédemment utilisé lorsque vous réinstallez l'appareil.

PROCÉDURE DE NETTOYAGE

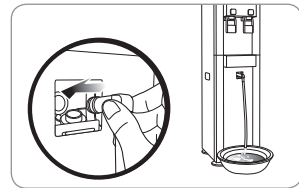
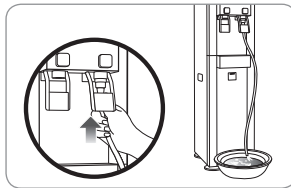
Réservoir de stockage

1. Maintenez les deux boutons des fonctions Eau froide/ Eau chaude enfoncés à l'avant de l'appareil pendant 2 secondes pour éteindre l'appareil, puis débranchez le cordon d'alimentation. Verrouillez la vanne d'arrivée d'eau.

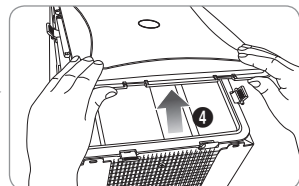
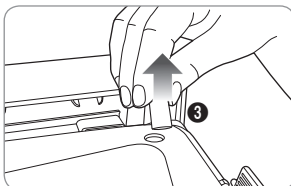
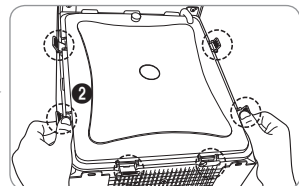
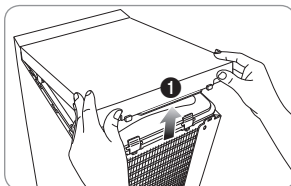


2. Utilisez le tuyau de sortie pour vidanger complètement toute l'eau contenue à l'intérieur du purificateur.

* Vidangez l'eau du réservoir d'eau froide/tempérée dans le robinet d'eau froide/tempérée et l'eau du réservoir d'eau chaude dans le tuyau de vidage avant.



3. Poussez le cache supérieur de l'appareil vers le haut pour l'ouvrir. Ouvrez les attaches (x6) fixant le réservoir de stockage interne en place, puis retirez le flexible et ouvrez le réservoir de stockage interne.

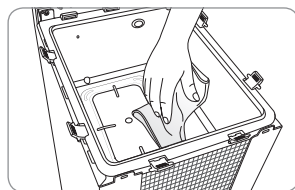


PROCÉDURE DE NETTOYAGE

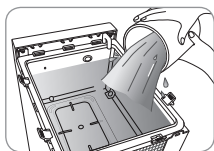
4. Détachez le filtre antibactérien du cache du réservoir d'eau, puis insérez et agitez de l'eau prélevée dans l'appareil pour nettoyer, puis réinstallez-le.



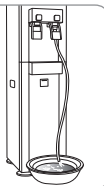
5. Essuyez les surfaces du réservoir d'eau interne avec un chiffon doux.



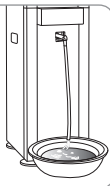
6. Rincez le réservoir de stockage d'eau interne jusqu'à ce qu'il soit propre avec de l'eau prélevée à l'avance dans l'appareil, puis utilisez le tuyau de sortie pour vidanger complètement. Faites couler de l'eau purifiée par l'appareil une fois et videz-la. Vous pouvez utiliser l'appareil.



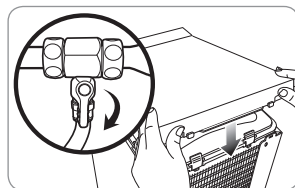
Lorsque vous vidangez le réservoir d'eau froide/tempérée



Lorsque vous vidangez le réservoir d'eau chaude



7. Fermez le cache supérieur et branchez le cordon d'alimentation, puis ouvrez la vanne d'arrivée d'eau. Vérifiez que de l'eau s'écoule des robinets d'eau froide/tempérée et d'eau chaude, puis appuyez sur le bouton de sélection de la fonction Eau chaude/Eau froide à l'avant de l'appareil pour le redémarrer.



Conseils

- ⚠ **Fermez le cache du réservoir de stockage entièrement.**

Des insectes ou des corps étrangers peuvent pénétrer.

- ⚠ **Lorsque vous nettoyez le réservoir de stockage, n'utilisez aucun produit chimique ou détergent.**

Si vous ne nettoyez pas les produits chimiques ou détergents proprement, ils peuvent être nocifs pour le corps de l'appareil.
- Veillez à ce que les zones autour soient toujours propres et nettoyez le réservoir de stockage une fois tous les deux mois.

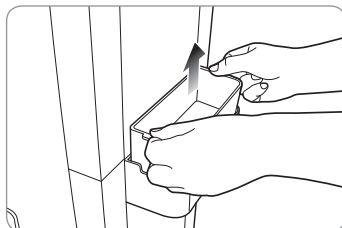
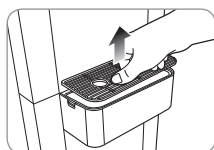
Drugs,
detergent, etc. X



Gutter

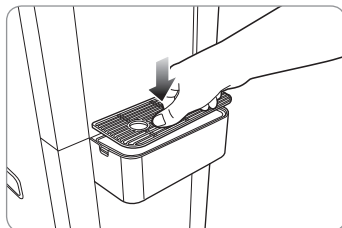
1. Detaching the gutter

Remove the gutter cover and then raise the gutter to easily detach it.



2. Procédure de montage de la grille

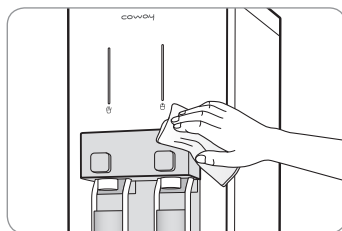
Fixez la grille à l'avant de l'appareil, puis relevez doucement le cache de la grille.



Corps de l'appareil

Essuyez avec un chiffon doux et sec.

* Si vous observez une contamination importante, utilisez un chiffon humide (n'utilisez pas d'abrasifs).



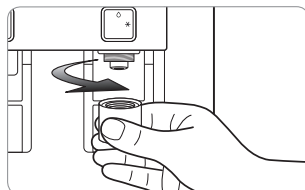
Conseils

- Ne plongez pas l'appareil dans l'eau pour le nettoyer.
- Ne le nettoyez pas avec des diluants, du benzène, des chiffons rêches ou des détergents contenant des abrasifs.

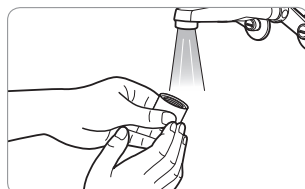
PROCÉDURE DE NETTOYAGE

Robinets

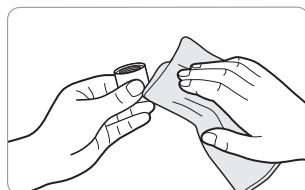
1. Faites tourner les robinets dans le sens horaire pour les démonter.



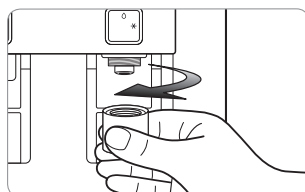
2. Lavez les robinets démontés à l'eau courante.



3. Éliminez l'humidité au niveau des robinets à l'aide d'un chiffon doux et sec.



4. Une fois le nettoyage terminé, faites tourner les robinets dans le sens antihoraire pour les réinstaller.



Conseils



Ne le nettoyez jamais avec des boules de coton. Des bouts de coton ou d'autres corps étrangers peuvent rester coincés.

Levier à actionnement par gobelet

Essuyez les zones sales du levier à actionnement par gobelet à l'aide d'un chiffon doux et sec.

* S'il est fortement contaminé, essuyez-le avec un chiffon humide.



REEMPLACEMENT DES FILTRES

■ Filtre

Le filtre est un composant essentiel d'un système de filtration de l'eau. Il est important de remplacer les filtres autorisés conformément au cycle de remplacement spécifié afin de conserver la qualité de l'eau et d'assurer le bon fonctionnement du système. Veuillez remplacer les filtres conformément au cycle de remplacement spécifié. Pour les filtres de rechange, veuillez contacter les revendeurs et distributeurs agréés de Coway.

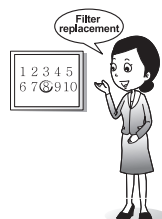


■ Cycle de remplacement des filtres

Si le filtre n'est pas remplacé régulièrement, la qualité de l'eau sortant de l'appareil peut s'en trouver affectée. La qualité de l'eau de source peut raccourcir la période de remplacement des filtres.

CHP-590L

Référence	Nom du filtre	Cycle de remplacement
CNFN14	FILTRE NEO-SENSE	6 mois
CRMFN14-50	FILTRE À MEMBRANE OI (CHP-590L)	24 mois
CIFN14-PLUS	FILTRE PLUS INNO-SENSE	18 mois
CAF-03	FILTRE ANTIBACTÉRIEN (en option) *	12 mois



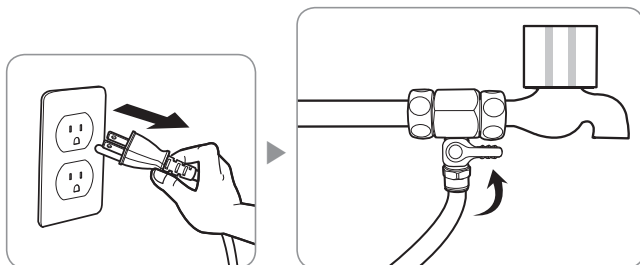
■ À propos du cycle de remplacement des filtres

Le cycle de remplacement des filtres décrit ci-dessus ne correspond pas à la période de garantie de la qualité des filtres mais à leur cycle (durée de vie) estimé pendant lequel le filtre offre ses performances d'origine. Ainsi, le cycle de remplacement des filtres peut être réduit dans les régions où la qualité de l'eau est inférieure ou en cas de consommation d'eau supérieure.

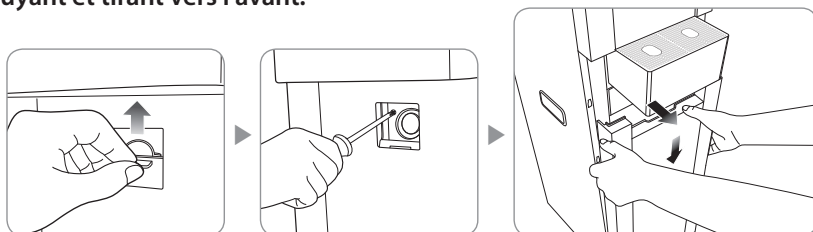


PROCÉDURE DE REMPLACEMENT DES FILTRES

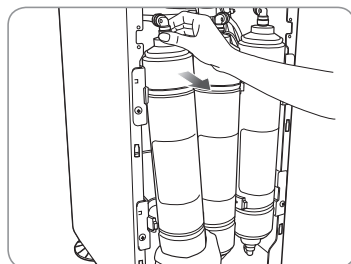
1. Fermez la vanne d'arrivée d'eau principale après avoir débranché le cordon d'alimentation, puis vidangez l'eau contenue à l'intérieur du dispositif de filtration de l'eau (reportez-vous à la page 18).



2. Ouvrez en appuyant sur le cache de vidange avant, puis libérez 1 vis fixe à l'aide du tournevis Phillips. Détachez le cache avant situé sous l'appareil en appuyant et tirant vers l'avant.



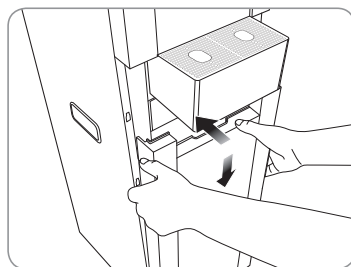
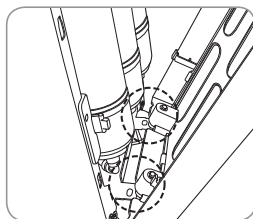
3. Après avoir détaché la fixation connectée au filtre à remplacer, veuillez remplacer ce dernier. (Détachez la fixation à l'aide de l'outil approprié.)



Conseils

- ⚠ Lorsque vous remplacez des filtres, veuillez vous assurer qu'un filtre et un flexible correspondants sont fermement connectés et que vous n'observez aucune fuite. Il est recommandé de vider le réservoir d'eau rempli d'eau filtrée au moins une fois, juste après avoir remplacé des filtres.

4. Veuillez aligner la rainure du cache avant. Après avoir serré 1 vis fixe sur la pièce de vidange avant à l'aide du tournevis Phillips, appuyez vers le bas et fermez la porte de vidange avant.



Conseils

- ⚠ Utilisez de nouveaux filtres uniquement après le nettoyage.
- Filtre Neo-Sense : Installez-le après nettoyage avec de l'eau de source pendant environ 1 minute.
 - Filtre à membrane (OI) : Installez la vanne d'arrivée d'eau principale, puis installez-le après nettoyage avec de l'eau de source pendant environ 5 minutes.
 - Filtre Nanotrap : Installez-le après nettoyage avec de l'eau de source pendant environ 3 minutes.
 - Filtre Plus Inno-Sense : Installez-le sans rinçage à part.
 - Filtre Plus Inno-Sense (D) : Installez-le sans rinçage à part.

DÉPANNAGE

Le dispositif de filtration de l'eau peut ne pas fonctionner normalement à cause de facteurs mineurs liés, non pas à un dysfonctionnement de l'appareil, mais à la méconnaissance des consignes d'utilisation de celui-ci par l'utilisateur. Dans ce cas-là, vous pouvez facilement résoudre vous-même certains problèmes sans faire appel au centre de réparation en vérifiant les éléments suivants. Si le problème persiste une fois les éléments suivants vérifiés, veuillez appeler le centre de réparation.

Problème	Contrôle	Solution
L'eau a un goût étrange.	• Avez-vous nettoyé le réservoir de stockage ?	Nettoyez le réservoir de stockage.
	• Vous n'avez pas utilisé le dispositif de filtration de l'eau pendant une période prolongée.	Éliminez l'eau résiduelle et nettoyez le réservoir de stockage.
	• Peut-être est-il temps de changer le filtre ?	Demandez le remplacement du filtre.
L'eau ne s'écoule pas.	• L'alimentation en eau est-elle coupée ou la vanne d'arrivée d'eau est-elle fermée ?	Ouvrez la vanne d'arrivée d'eau principale.
	• Le filtre a-t-il été remplacé dans les temps ?	Demandez le remplacement du filtre.
L'eau s'écoule lentement.	• Peut-être est-il temps de changer le filtre ?	Demandez le remplacement du filtre.
	• Le cordon d'alimentation est-il raccordé à une valeur nominale de tension conforme à celle indiquée sur la plaque signalétique ?	Raccordez le cordon d'alimentation à une valeur nominale de tension conforme à celle indiquée sur la plaque signalétique.
	• La vanne d'arrivée d'eau principale est-elle ouverte ?	Ouvrez la vanne d'arrivée d'eau principale.
	• La température de l'eau principale a-t-elle baissé soudainement ?	Si la température de l'eau baisse, le débit d'eau s'en trouve réduit.
L'eau froide/chaude ne coule pas.	• Le voyant du mode Eau froide était-il allumé ?	Appuyez sur le bouton de sélection du mode Eau froide.
	• La vanne d'arrivée d'eau principale est-elle ouverte ?	S'il s'agit du niveau d'eau faible permettant de protéger le moteur électrique, la fonction de refroidissement ne fonctionne pas. Ouvrez la vanne d'arrivée d'eau principale.
	• La face arrière du dispositif de filtration de l'eau est-elle accolée au mur ?	Veuillez respecter une distance minimale de 10 cm minimum entre l'arrière du dispositif de filtration de l'eau et le mur.
L'appareil s'est soudainement arrêté de fonctionner.	• L'eau principale est-elle alimentée activement ?	Vérifiez la vanne d'arrivée d'eau principale.
	• Le cordon d'alimentation est-il raccordé à une valeur nominale de tension conforme à celle indiquée sur la plaque signalétique ?	Raccordez le cordon d'alimentation à une valeur nominale de tension conforme à celle indiquée sur la plaque signalétique.
	• Y a-t-il un débordement ou une fuite d'eau ?	Contactez le service après-vente.

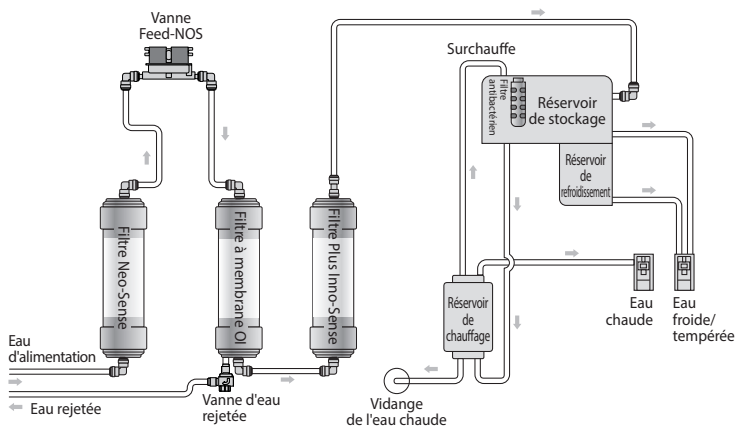
CARACTÉRISTIQUES TECHNIQUES

Appareil		Dispositif de filtration de l'eau	
Modèle		CHP-590L	CHP-590R
Méthode de filtration		OI (osmose inverse)	
Alimentation		Reportez-vous à la plaque signalétique.	
Capacité du réservoir	Eau tempérée	6 l	
	Eau froide	3 l	
	Eau chaude	3 l	
	Total	12 l	
Dimensions		260 mm (L) x 448 mm (P) x 1 150 mm (H)	
Température de fonctionnement		De 5 °C à 35 SDgrC	
Débit		189 l/jour (à 25 SDgrC, 0,14 Mpa)	
Pression de fonctionnement		Entre 20 et 120 psi (entre 137 et 827 kPa)	Entre 10 et 120 psi (entre 69 et 827 kPa)
Poids net		27 kg	29 kg

- Le volume d'eau peut varier en fonction de la pression et de la température de l'eau.
- La capacité du réservoir d'eau est fonction de la taille et peut être différente de la capacité de distribution.
- Tout ou partie de l'appareil est sujet à modification sans préavis à des fins d'amélioration des performances de l'appareil.
- Reportez-vous à la fiche technique des performances pour obtenir plus d'informations sur chaque polluant, la réduction des performances et le fonctionnement général de l'appareil.

SCHÉMA DE CIRCULATION DE L'EAU

CHP-590L



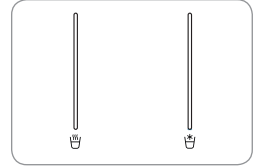
MEMO

코웨이 정수기 이런점이 좋습니다.

1

제품 상태를 한 눈에 알 수 있는 표시부

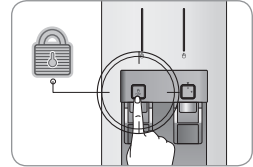
제품의 상태를 각종 표시등을 사용하여 한 눈에 알 수 있어 편리합니다.



2

온수안전꼭지

뜨거운 물(90 °C 이상)로 인한 화상을 예방하기 위하여 온수꼭지에 안전장치를 장착하였습니다.



3

앞면배수시스템

앞면배수덮개를 열면 제품의 이동 없이 앞면에서 온수를 배수할 수 있어 편리합니다.



4

미분진 발생 방지

플러스이노센스필터를 적용하여 내부 물통으로 유입될 수 있는 미분진의 양을 최소화하였습니다.



코웨이 고객 여러분께

저희 **코웨이 정수기**를 사용해 주셔서 감사합니다.

제품의 올바른 사용과 유지를 위해 본 사용설명서를 꼭 읽어보시기 바랍니다.

제품의 사용 중 문제가 발생했을 경우 사용설명서를 참고하시면 문제를 해결할 수 있습니다.

이 사용설명서에는 제품보증서가 들어 있으므로 잘 보관해 주시기 바랍니다.

차 례

알아두기

- | 03 | 안전을 위한 주의사항
전원관련
설치관련
사용 중예
기타
- | 07 | 각 부분의 명칭
- | 09 | 정수처리과정

사용방법

- | 10 | 사용 전 확인사항
- | 11 | 위생적인 올바른 사용법
- | 12 | 버튼과 표시부
- | 14 | 원하는 물을 마시려면
냉수를 마시려면
온수를 마시려면
정수를 마시려면

설치 및 손질

- | 16 | 설치방법
- | 18 | 청소방법
내부 물통 청소방법
물받이 청소방법
제품 본체 청소방법
코크 청소방법
컵터치레버 청소방법
- | 22 | 필터교환
- | 23 | 필터교환방법

기 타

- | 25 | 서비스를 요청하기 전에
- | 26 | 제품규격
- | 27 | 수배관도

안전을 위한 주의사항

안전에 관련된 내용이므로 반드시 지켜주세요!

사용자의 안전을 지키고 재산상의 손해를 막기 위한 내용입니다.
주의사항을 잘 읽고 올바르게 사용해 주세요.



위험

지시한 내용이 지켜지지 않으면 사망 또는 중대한 손해가 예상되는 경우



경고

지시한 내용이 지켜지지 않으면 상당한 신체 상해 또는 물적 손해가 예상되는 경우



주의

지시한 내용이 지켜지지 않으면 경미한 신체 상해 또는 물적 손해가 예상되는 경우

전원관련

- ▲ 손상된 전원플러그나 헐거운 콘센트는 사용하지 마세요.
감전, 화재의 위험이 있습니다.
- ▲ 전원코드를 잡아 당기지 마세요.
감전, 화재의 위험이 있습니다.
- ▲ 전원코드를 당겨서 제품을 이동하지 마세요.
감전, 화재의 위험이 있습니다.
- ▲ 젖은 손으로 전원플러그를 만지지 마세요.
감전, 화재의 위험이 있습니다.
- ▲ 전원코드를 무리하게 구부리거나 무거운 물건에 눌러 훼손, 변형되지 않도록 하세요.
감전, 화재의 위험이 있습니다.
- ▲ 전원플러그를 연속하여 꽂았다 빼지 마세요.
감전, 화재의 위험이 있습니다.
- ▲ 전원부분에 물이 들어간 경우, 전원플러그를 빼고 완전히 건조시킨 후 사용하세요.
감전, 화재의 위험이 있습니다.
- ▲ 제품 수리나 점검 및 부품 교환 시에는 반드시 전원플러그를 빼 주세요.
감전, 화재의 위험이 있습니다.

- ▲ 전원플러그의 핀과 접촉부분에 먼지, 물 등이 묻어 있으면 닦아 주세요.
감전, 화재의 위험이 있습니다.
- ▲ 한 개의 콘센트에 여러 전기제품을 동시에 꽂아 사용하지 말고 전용 콘센트를 사용하세요.
화재의 위험이 있습니다.
- ▲ 오랫동안 사용하지 않을 때에는 전원플러그를 빼 주세요.
감전, 화재의 위험이 있습니다.
- ▲ 전원코드를 임의로 연결하거나 가공하여 사용하지 마세요.
감전, 화재의 위험이 있습니다.
- ▲ 전원코드가 파손된 경우에는 임의로 교환하지 말고 서비스센터로 연락하여 전원코드를 교체하세요.
감전, 화재의 위험이 있습니다.

설치관련

- ▲ 전열기와 가까운 곳에 설치하지 마세요.
화재의 위험이 있습니다.
- ▲ 경사진 곳에 제품을 설치하지 마세요.
신체 상해 및 제품 파손의 우려가 있습니다.
- ▲ 제품에 무리하게 힘을 가하거나 충격을 주지 마세요.
제품 파손의 우려가 있습니다.

안전을 위한 주의사항



위험

지시한 내용이 지켜지지 않으면 사망 또는 중대한 상해가 예상되는 경우



경고

지시한 내용이 지켜지지 않으면 상당한 신체 상해 또는 물적 손해가 예상되는 경우



주의

지시한 내용이 지켜지지 않으면 경미한 신체 상해 또는 물적 손해가 예상되는 경우

사용중예

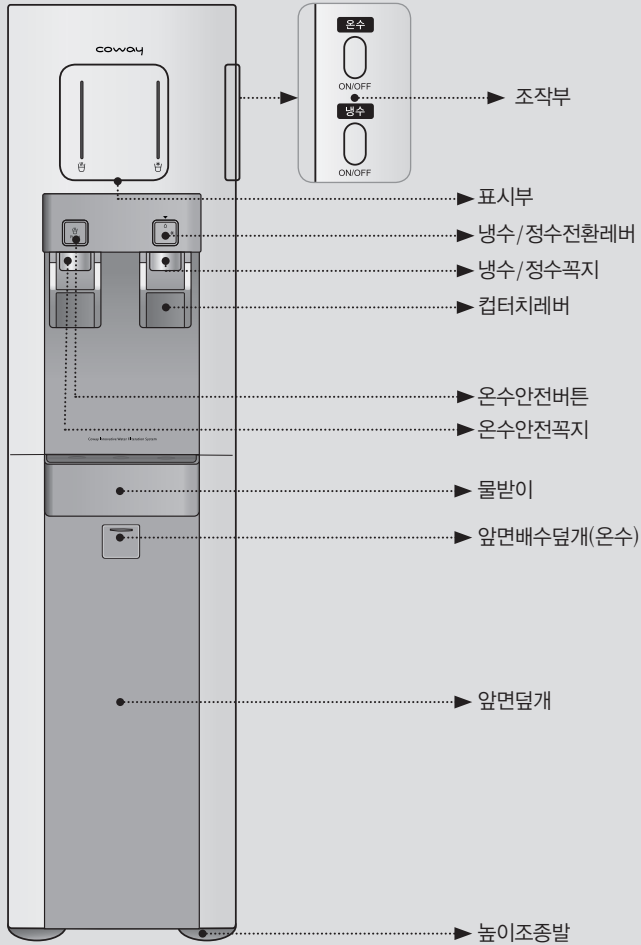
- ▲ 제품 안쪽에서 물이 흘러나오거나 제품 주변에 물이 고여 있을 경우에는 원수공급밸브를 잠그고 전원플러그를 뺀 후, 서비스센터로 연락하세요. 감전의 위험이 있습니다.
- ▲ 제품에서 이상한 소리나 타는 냄새, 연기가 나면 전원플러그를 뺀 후, 서비스센터로 연락하세요. 감전의 위험이 있습니다.
- ▲ 촛불, 담뱃불 등을 제품 위에 올려놓지 마세요. 화재의 위험이 있습니다.
- ▲ 제품 위에 물을 담은 그릇, 약품, 음식물, 작은 금속류, 인화성 물질 등을 올려 놓지 마세요. 제품 내부로 유입될 경우 감전, 화재의 위험 및 훼손의 우려가 있습니다.
- ▲ 제품의 내부 물통 덮개를 완전히 닫은 후 사용하세요. 벌레나 이물질이 들어갈 수 있습니다.
- ▲ 깨끗한 물을 마시기 위해 필터 교환주기에 따라 필터를 교환해 주세요. 수명이 다한 필터를 사용할 경우 정수 성능이 저하됩니다.
- ▲ 장시간 사용하지 않았을 경우에는 저장된 물을 완전히 배수한 후, 새롭게 정수된 물도 한번 더 비워내고 사용하세요. 저장된 물이 오염되었을 수 있습니다.
- ▲ 온수는 매우 뜨거우므로 신체에 직접 닿지 않게 유의하세요. 화상의 위험이 있습니다.

기타

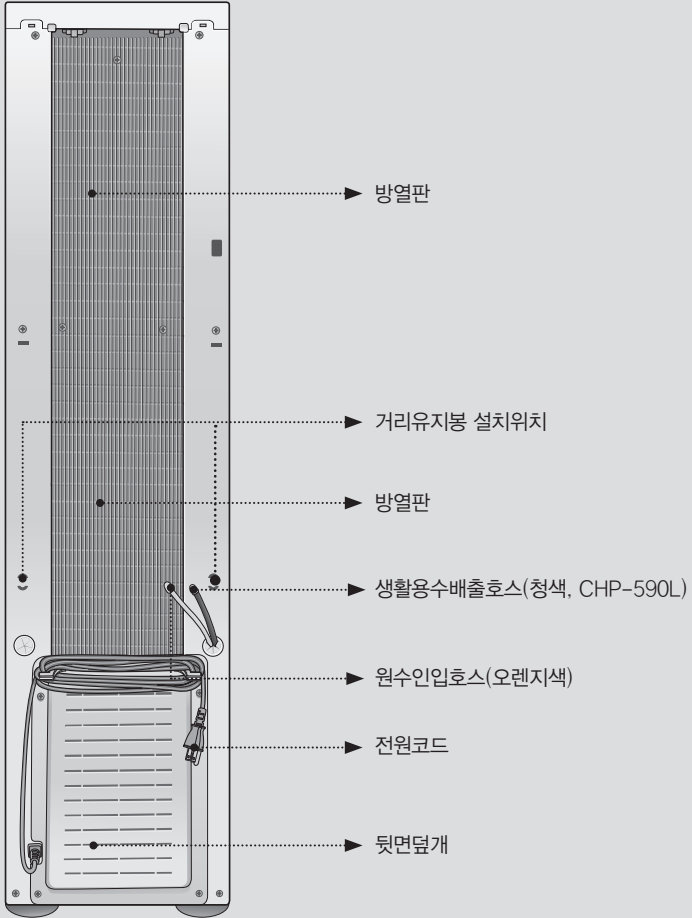
- ▲ 전원플러그를 뺀 후 청소 하세요.
감전, 화재의 위험이 있습니다.
- ▲ 물을 직접 뿌려 청소하거나 벤젠, 신나 등을 이용하여 제품을 닦지 마세요.
감전, 화재의 위험이 있습니다.
- ▲ 제품을 임의로 열거나 수리, 개조하지 마세요.
감전, 제품 훼손의 위험이 있습니다.
- ▲ 정수된 물을 어항, 수족관 등에 물갈이 용도로 사용하지 마세요.
멤브레인을 통해서 정수 된 물은 이온성 물질이 제거되어 물고기의 생활환경에 적합하지 않을 수 있습니다. 경우에 따라서 물고기가 죽을 수도 있습니다.
- ▲ 제품을 이동하거나 플러스 이노센스필터를 교체한 후에는 내부 물통 바닥에 검은 미세가루가 잔존할 수 있습니다.
정수된 물의 맛을 좋게하기 위해 플러스이노센스필터에 사용되는 활성탄의 미세가루가 유출된 것으로 인체에는 무해합니다.

각 부분의 명칭

앞 면



뒷면



정수처리과정

정수기의 생명은 필터입니다.

정품 필터가 아니거나 정품 필터라도 너무 오래 사용하면 필터의 성능이 떨어질 수 있습니다.

5단계 정수처리시스템(CHP-590L)

1차 필터 : 네오센스필터

1단계 : 원수 중의 모래, 녹, 찌꺼기 등과 같은 입자상 물질을 제거하며 후단 필터를 보호합니다.

2단계 : 원수 중의 염소 및 휘발성 유기화합물(VOC's) 등의 오염물질을 제거합니다.

2차 필터 : 멤브레인필터(RO)

3단계 : 멤브레인필터(RO)는 중금속, 미생물, 유기물 및 무기이온 물질 등의 오염물질을 제거합니다.

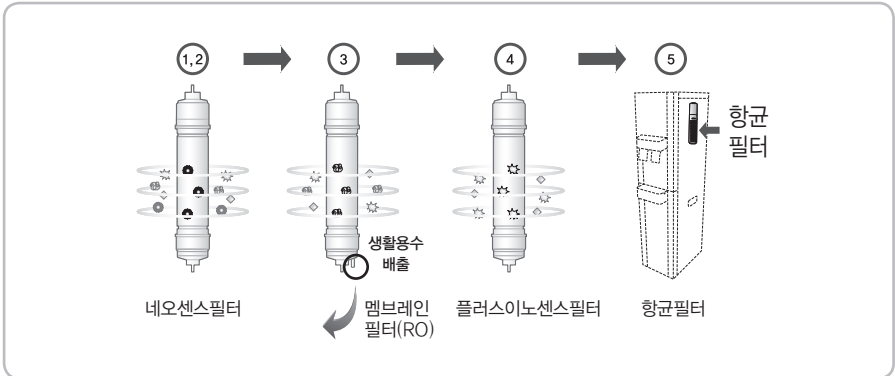
유해물질이 농축된 물은 생활용수로서 생활용수배출호스를 따라 배출됩니다.

3차 필터 : 플러스이노센스필터

4단계 : 냄새 유발 물질을 제거하고 물맛을 향상 시켜 줍니다.

4차 필터 : 항균필터

5단계 : 물 속에 존재하는 미생물 발생을 억제합니다.



알아두기

▶ 생활용수의 사용 용도

- 화장실 청소 및 집안 청소나 세탁할 때, 기타 허드렛물로 사용하세요.
- 생활용수를 먹는 물로 사용하거나 음식 조리물로는 절대 사용하지 마세요.

사용 전 확인사항

사용 전에 꼭 확인해 주세요 !

⚠ 본 제품은 120 V ~ 60 Hz 전용 입니다.
 전원플러그를 반드시 접지된 120 V ~ 60 Hz 전용 콘센트에 꽂아 주세요.
 전원이 연결되어 있어야 정수기가 정상적으로 작동합니다.



■ 원수공급밸브를 열어 주세요.

원수가 공급되어야 정수기가 정상적으로 작동합니다.

■ 표시부의 표시등이 소등되었을 경우

표시부의 표시등이 소등되었을 경우 정전이나 기타의 원인으로 인한 전원 공급이 중단되었는지 확인해 주세요.

■ 장기간 사용하지 않았을 때

오랫동안 물을 저장해 두었거나 사용하지 않았을 경우에는 정수기 내부의 물을 완전히 배수하고 새로 정수된 물도 한 번 더 비워내고 사용하세요.

■ 제품 설치 후

내부 물통에 만수위로 저장된 물을 2회 이상 버리고 사용하세요.

■ 정기적인 필터교환

깨끗한 물을 마시기 위해 정기적인 필터교환이 정말 중요합니다. 수명이 다한 필터를 사용할 경우에는 정수기의 성능이 저하되므로 필터교환 시기를 놓치지 마세요.

■ 오랫동안 사용을 원치 않을 경우

원수공급밸브를 잠그고 전원플러그를 빼 주세요.



알아두기

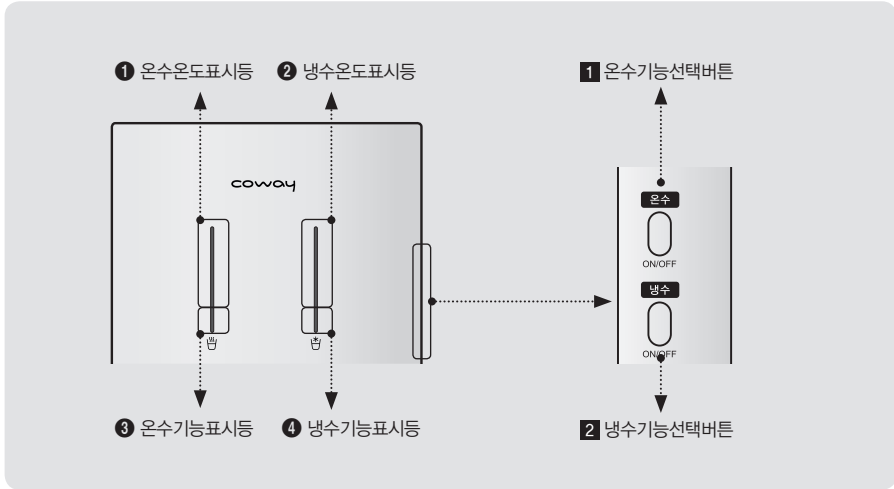
- 오랫동안 사용하지 않을 때는 원수공급밸브를 잠그고 전원플러그를 빼 주세요.

위생적인 올바른 사용법

대분류	중분류	소분류
사용 기간	장기간 미사용 시	· 직수방식의 정수기로 미사용 기간에 상관없이 다시 제품을 사용한다.
사용 방법	추출구 오염	· 추출구에 손이나 입을 대거나, 고객이 사용하던 컵이 닿지 않도록 한다. · 자가관리 - 추출구를 깨끗한 마른 헝겊/부직포 등으로 닦아준다 (1주일 1번씩 닦아 준다).
	물 받을 때	· 음료(커피, 차, 탄산음료) 및 음식물이 정수기 추출구 안쪽 혹은 제품 전면에 튀지 않도록 주의한다. · 제품에 음료나 이물이 묻은 경우 즉시 닦아 주어 추가적인 오염을 방지한다.
	물받이 및 생활 용수 통	· 잔수 이외의 커피, 음료, 음식물 등을 버리지 않는다. · 물받이의 물이 고인 채로 하루 이상 방치하지 않는다. 1주일에 한 번씩 청소해 자가적으로 관리한다.
	제품 분해	· 제품을 임의로 분해하거나 열지 않는다.
	제품 사용	· 제품 위에는 물건을 올려 놓지 않는다(오염 물질을 흘릴 수 있음).
하드웨어	필터	· 코웨이 정품필터 이외의 필터를 임의로 제품에 장착하여 사용하지 않는다.
관리	필터 교환 시기	· 각 필터마다의 정해진 필터 교환 시기에 맞춰 필터 교체 및 관리 점검을 받는다.
	관리 주체	· 당사 정수기의 경우 코웨이 코디, CS 닥터를 통해서 제품 관리를 받는다. · 부품 교환이나 내부 청소 등을 비전문가가 할 경우 누수 등의 위험이 있으니 당사 코디, CS 닥터에 의뢰하도록 한다.
	주변 환경	· 정수기 주변에 비위생적 환경(휴지통 배치 등)이 조성되지 않도록 지속적으로 위생 상태를 관리한다.
제품 설치	제품의 분해 및 설치	· 제품의 분해와 설치를 임의로 하지 않으며, 당사 CS 닥터를 통해서 진행한다.
	설치 환경	· 제품을 오염되기 쉬운 환경에 설치하지 않는다. - 화장실 안, 쥐·해충(개미, 바퀴벌레 등)이 많은 곳, 선박 등 위생관리가 취약하고 주변 오염이 심한 곳과 같이 하천, 축산, 폐수 등 주변 오염이 심한 장소 - 습하거나, 염분이 많은 해수 지역 - 직사광선이 직접 비추는 곳 - 기타 정수기 설치 환경으로 부적합하다고 판단되는 비위생적인 환경

버튼과 표시부

표시부 / 조작부



표시부



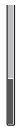
1 온수온도표시등

온수온도에 따라 표시등이 점등 됩니다.
표시등이 많이 점등 될수록 온수가 더욱 뜨겁습니다.



2 냉수온도표시등

냉수온도에 따라 표시등이 점등 됩니다.
표시등이 많이 점등 될수록 냉수가 더욱 차갑습니다.



3 온수기능표시등

온수기능 선택 시 표시등이 점등 됩니다.



4 냉수기능표시등

냉수기능 선택 시 표시등이 점등 됩니다.



버튼과 표시부

조작부

온수



ON/OFF

1 온수잠금버튼

온수기능을 선택/해제하고 싶을 때
사용하세요.

냉수



ON/OFF

2 냉수기능선택버튼

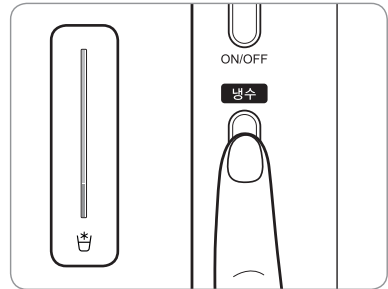
냉수기능을 선택/해제하고
싶을 때 사용하세요.

■ 냉수기능을 사용하려면

냉수기능선택버튼을 누르고 표시부의 냉수기능표시등이
점등 되어 있는지 확인해 주세요.

냉수기능을 끄려면 선택버튼을 약 2초간 눌러 주세요.

* 냉수기능을 켜 후, 약 한 시간 후에 시원한 냉수를
마실 수 있습니다.

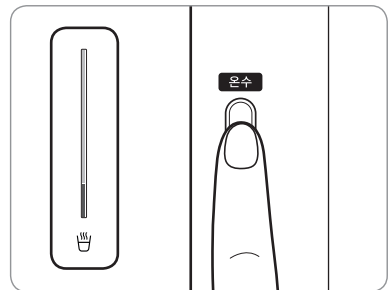


■ 온수기능을 사용하려면

온수기능선택버튼을 누르고 표시부의 온수기능표시등이
점등 되어 있는지 확인해 주세요.

온수기능을 끄려면 선택버튼을 약 2초간 눌러 주세요.

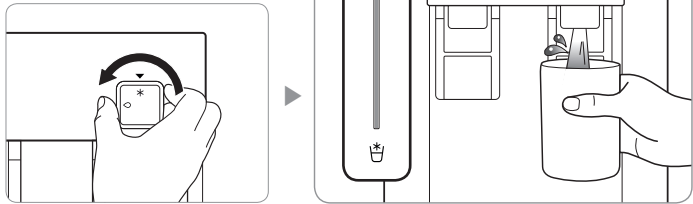
* 온수기능을 켜 후, 약 30분 후에 뜨거운 온수를
마실 수 있습니다.



원하는 물을 마시려면

냉수를 마시려면

냉정전환 노브를 왼쪽으로 돌리고 컵터치레버를 밀면 냉수를 마실 수 있습니다.

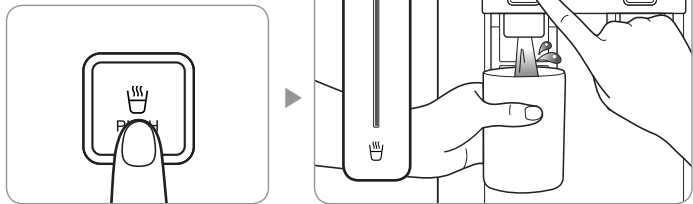


알아두기

- 정수기에서 냉수가 나오지 않으면 표시부의 냉수기능표시등이 점등 되어 있는지를 확인해 주세요.

온수를 마시려면

온수안전버튼을 누르고 컵터치레버를 밀면 온수를 마실 수 있습니다.



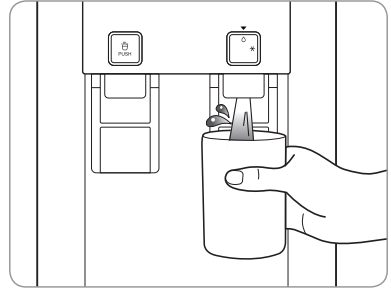
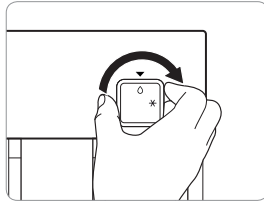
알아두기

- 정수기에서 온수가 나오지 않으면 표시부의 온수기능표시등이 점등 되어 있는지를 확인해 주세요.

원하는 물을 마시려면

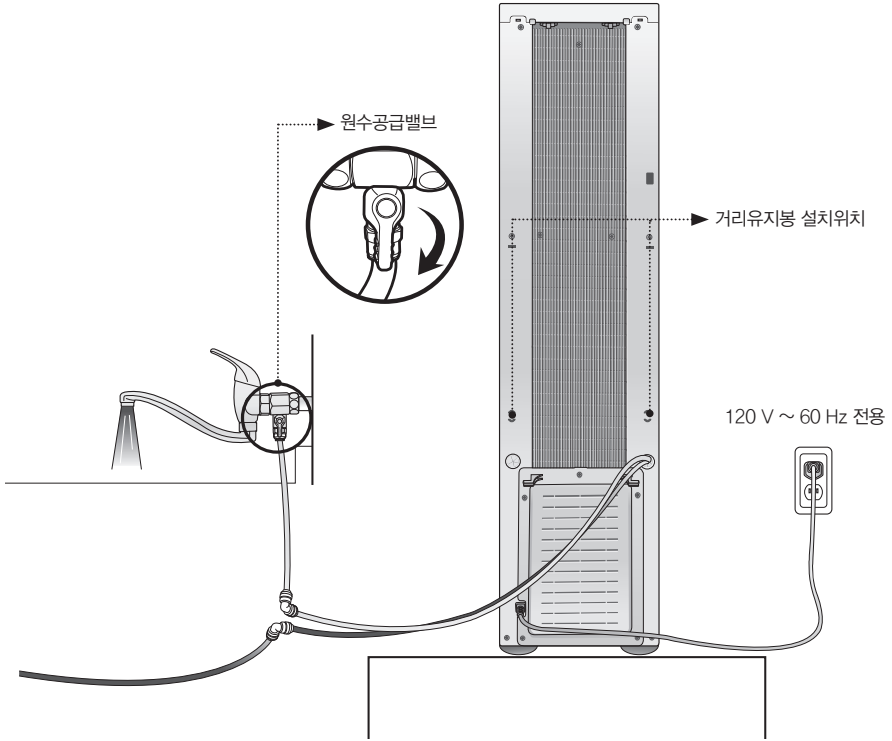
정수를 마시려면

냉정전환 노브를 오른쪽으로 돌리고 컵치레버를
밀면 정수를 마실 수 있습니다.



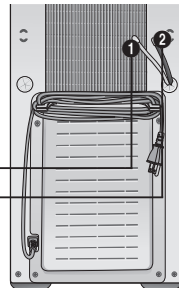
설치방법

이렇게 설치하세요!



오렌지색 원수인입호스 ①를 수도관에 연결합니다.
 생활용수배출호스 ②를 연결합니다.

원수인입호스(오렌지색) 연결부 ←
 생활용수배출호스(청색) 연결부 ←
 (CHP-590L)



설치방법

주의하세요!

■ 정수기 설치 장소 I

정수기는 울퉁불퉁한 곳, 습기가 많은 곳, 직사광선이 닿는 곳, 먼지가 많은 곳, 물이 직접 튀는 곳 등을 피하여 설치해 주세요.

■ 정수기 설치 장소 II

벽면에서 10cm 이상 떨어뜨리고, 바닥은 견고하고 평평한 곳에 설치해 주세요.

■ 정수기 설치 후

설치 후엔 반드시 정수된 물을 2회 이상 배수 후 사용하세요.

■ 이동 및 설치

위치 이동이 있었을 때에는 설치 후 30분이 경과한 후 전원을 연결하세요.

■ 냉수배관

반드시 냉수배관에 연결하세요. (온수배관에 연결할 경우 정수기 필터가 손상될 수 있습니다.)



- 제품의 최적 성능을 보장하기 위하여 상세한 설치방법은 당사의 설치 기사와 상의해 주세요.

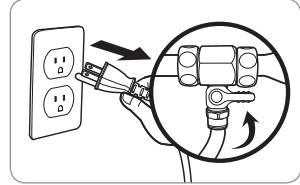
⚠️ 필터 내부에 제품 생산 시 검사 공정에 사용된 물이 일부 남아 있을 수 있습니다.
사용하던 제품이 아니므로 안심하시고 사용하시기 바랍니다.

⚠️ 제품 설치 시 기존에 사용하던 원수공급밸브 및 호스를 재 사용하지 마세요.

청소방법

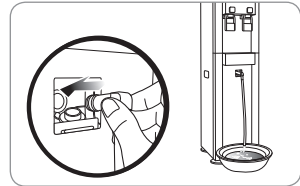
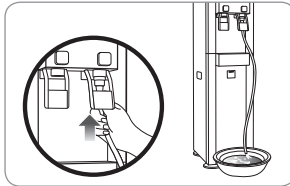
내부 물통 청소방법

1. 제품 앞면에 있는 냉수/온수기능선택버튼을 2초간 길게 눌러서 끄고 전원플러그를 빼 주세요.
원수공급밸브를 잠가 주세요.

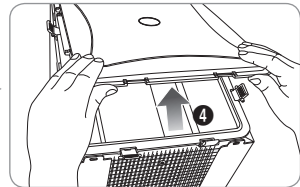
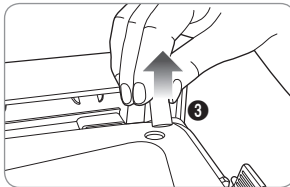
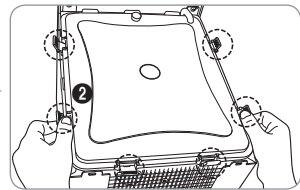
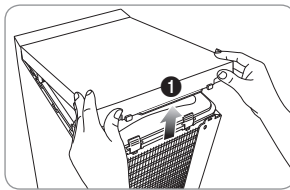


2. 배수호스를 이용하여 정수기 내부의 물을 완전히 배수해 받아 두세요.

* 냉수/정수탱크의 물은 냉수/정수추출꼭지에서 온수탱크의 물은 앞면 배수구에서 배수해 주세요.

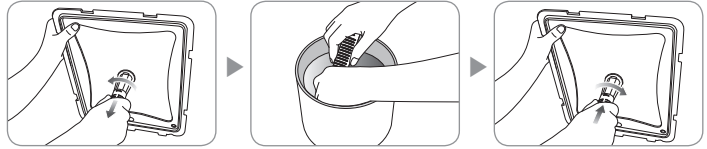


3. 제품의 윗면덮개를 위로 밀어 열고 내부 물통의 고정클립(6곳)을 연 후, 호스를 빼고 내부 물통덮개를 여세요.

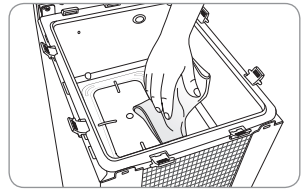


청소방법

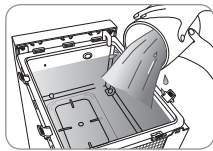
4. 물통덮개에서 항균필터를 분리하여 받아 놓은 물에 흔들어 세척한 후 다시 장착하세요.



5. 부드러운 천으로 내부 물통의 표면을 닦아 주세요.

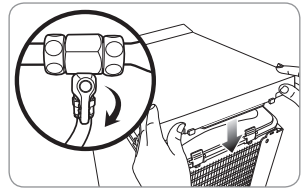


6. 받아 두었던 물로 내부 물통을 깨끗이 행군 후, 배수호스를 이용하여 완전히 배수하고 새로 정수된 물도 한번 정도 비워내고 사용하세요.



7. 윗면덮개를 닫고 전원코드를 꽂은 후 원수공급 밸브를 열어 주세요.

냉수/정수와 온수추출꼭지에서 물이 나오는 것을 확인한 후 제품 옆면의 냉수/온수기능선택버튼을 눌러 정수기를 재작동 시키세요.



알아두기

⚠ 내부 물통덮개를 완전히 닫아 주세요.
벌레 및 이물질이 들어갈 수 있습니다.

⚠ 내부 물통을 청소할 때는 약품이나 세제 등을 사용하지 마세요.
약품이나 세제가 깨끗이 씻어지지 않았을 경우 몸에 해로울 수 있습니다.

- 주위 환경을 항상 청결하게 유지하고 두 달에 한 번 정도 내부 물통을 청소해 주세요.

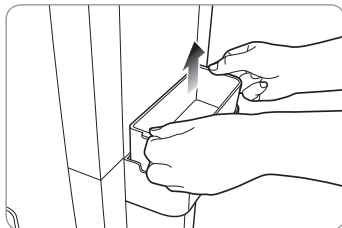
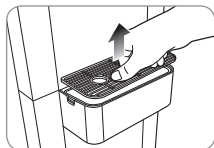
약품, 세제, 등 X



물받이 청소방법

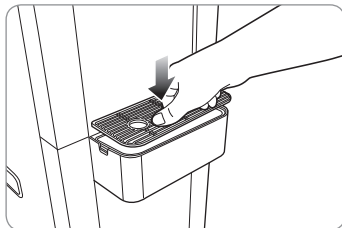
1. 물받이 분리방법

물받이 덮개를 분리한 후 물받이를 들면 쉽게 분리됩니다.



2. 물받이 조립방법

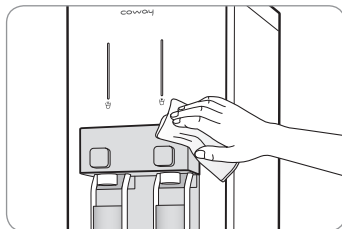
물받이를 제품 앞면에 밀착시킨 후 물받이 덮개를 살짝 올리면 됩니다.



제품 본체 청소방법

부드럽고 마른 천으로 닦아주세요.

* 오염이 심한 경우에는 약간의 물기가 있는 천으로 닦아 주세요 (연마제 사용금지).



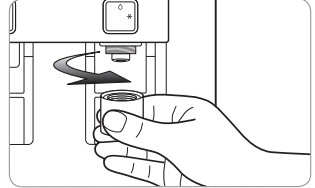
알아두기

- 제품 본체에 직접 물을 뿌려 청소하지 마세요.
- 신나, 벤젠 등을 사용하거나, 거친 수세미, 혹은 연마제가 들어간 세제를 사용하여 청소하지 마세요.

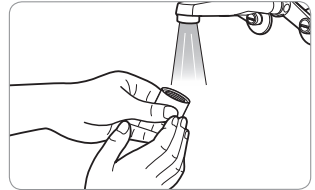
청소방법

코크 청소방법

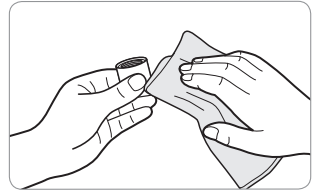
1. 코크를 반시계 방향으로 돌려서 분리해 주세요.



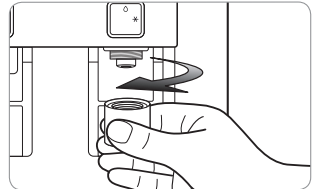
2. 분리한 코크를 흐르는 물로 세척해 주세요.



3. 부드럽고 마른 천으로 코크의 물기를 제거해 주세요.



4. 청소를 마친 후, 코크를 시계 방향으로 돌리면서 다시 조립해 주세요.



알아두기

⚠ 절대로 면봉을 사용하여 청소하지 마세요.
면봉 솜 등과 같은 이물질이 남을 수 있습니다.

컵터치레버 청소방법

부드럽고 마른 천으로 컵터치레버 오염부를 닦아 주세요.

* 오염이 심한 경우에는 약간의 물기가 있는 천으로 닦아 주세요.



필터교환

필터교환

■ 필터

정수기의 생명은 필터입니다.

정품 필터가 아니거나 정품 필터라도 너무 오래 사용하면 필터 성능이 떨어져 정수가 제대로 되지 않을 수 있습니다.

교환 주기에 맞춰 정품 필터로 교환해 주세요.

필터는 저희 코웨이의 코디가 직접 방문해 교환해 드립니다.

■ 필터교환주기

정기적인 필터교환을 하지 않으면 정수기의 수질이 저하될 수 있습니다.

원수 수질 또는 정수 사용량에 따라 예상 필터교환주기는 변동될 수 있습니다.

CHP-590L

필터명	교환주기
네오센스필터	6개월
멤브레인필터(RO)	24개월
플러시아노센스필터	18개월
항균필터	12개월

■ 필터교환주기에 대하여

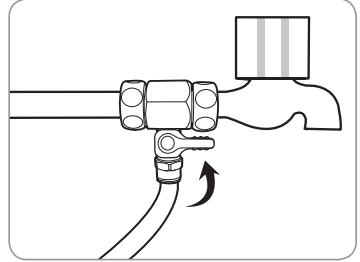
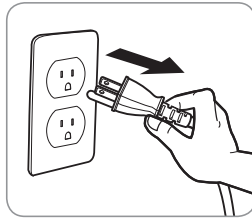
필터 별 예상 교환주기는 상수도의 수질을 고려하여 적정 기준으로 산정합니다.

참고로 제품규격의 유효정수량은 먹는 물 관리법에 따라 정수기에 특정조건(유입수(고농도 클로로포름 등)를 통과시켜 산정한 정수량으로, 예상 필터교환 주기와 차이가 있습니다.

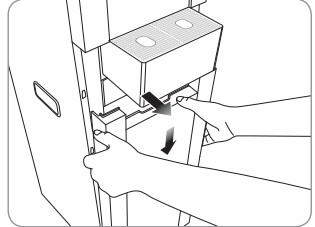
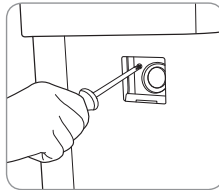
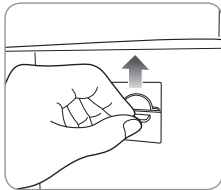
필터교환방법

필터를 교환해 주세요!

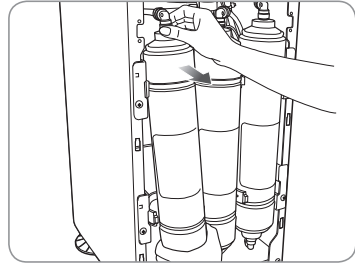
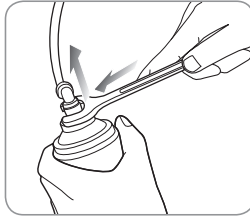
1. 전원플러그를 반드시 **뺀** 후에 원수공급밸브를 잠그고, 정수기 내부의 물을 완전히 배수해 주세요(P.18 참고).



2. 앞면배수덮개를 들어 올린 후, 십자 드라이버를 사용하여 고정나사 1개를 풀어 주세요. 제품 아래의 앞면덮개를 밑으로 누르며 앞으로 당겨 분리하세요.



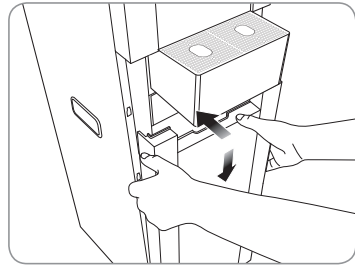
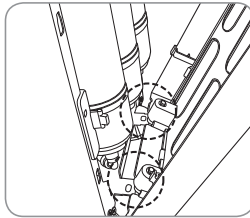
3. 교환하고자 하는 필터에 연결되어 있는 피팅을 분리한 후 필터를 교환해 주세요
(적절한 도구를 이용하여 피팅을 분리하세요.).



알아두기

- ⚠ 필터교환 후, 피팅과 호스를 정확하게 연결하여 누수가 없는지 확인하고, 처음 정수된 물은 반드시 배수해 주세요.

4. 앞면덮개의 홈을 잘 맞추어 끼워 주세요.
십자 드라이버를 사용하여 앞면배수부분의 고정나사 1개를 단단히 조인 후
앞면배수덮개를 내려 닫아 주세요.



알아두기

- ⚠ 새 필터는 반드시 세척한 후 사용해 주세요.
- 네오센스필터 : 원수로 약 1분간 세척한 후 조립해 주세요.
 - 멤브레인필터(RO) : 생활용수밸브를 장착하여, 원수로 약 5분간 세척한 후 조립해 주세요.
 - 플러스이노센스필터 : 별도의 플러싱 없이 조립해 주세요

서비스를 요청하기 전에

제품의 고장은 아니지만 사용법에 익숙하지 않거나 사소한 원인으로 정수기가 비정상적으로 작동할 수 있습니다. 이런 경우에는 다음 사항에 대해 점검한다면 서비스센터의 도움 없이 간단한 문제는 해결할 수 있습니다. 아래의 항목에 대해 확인한 후 문제를 해결 할 수 없으면 서비스센터로 문의해 주세요.

현상	확인해주세요	조치방법
물맛이 이상해요.	· 내부 물통을 청소하셨나요?	내부 물통을 청소해 주세요.
	· 정수기를 너무 오랜기간 사용하지 않았습니까.	저장된 물을 버리고 내부 물통을 청소해 주세요.
	· 필터를 교환할 시기가 되지 않았나요?	필터교환을 요청하세요.
물이 안나와요.	· 단수되었거나 원수공급밸브가 잠기지 않았나요?	원수공급밸브를 열어 주세요.
	· 필터교환시기를 놓치지 않으셨나요?	필터교환을 요청하세요.
정수량이 갑자기 적어졌어요.	· 필터를 교환할 시기가 되지 않았나요?	필터교환을 요청하세요.
	· 전원 연결이 되어 있나요?	전원코드가 120 V ~ 60 Hz 콘센트에 꽂혀 있는지 확인하세요.
	· 원수공급밸브를 잠그지 않았나요?	원수공급밸브를 열어 주세요.
냉수가 안나와요.	· 원수의 온도가 급격히 떨어지지 않았나요?	수온이 낮아지면 정수량이 감소 됩니다.
	· 냉수기능표시등이 점등되어 있나요?	냉수기능선택버튼을 눌러 주세요.
	· 원수공급밸브를 잠그지 않았나요?	전동기 보호를 위해 저수위일 경우 냉각기능이 작동하지 않습니다. 원수공급밸브를 열어 주세요.
온수가 안나와요.	· 정수기 뒷면과 벽면이 너무 가깝지는 않나요?	정수기 뒷면과 벽면간의 거리를 10 cm 이상 유지해 주세요.
	· 온수기능표시등이 점등되어 있나요?	온수기능선택버튼을 눌러 온수기능을 켜 주세요.
	· 전원 연결이 되어 있나요?	제품 전원코드가 120 V ~ 60 Hz 콘센트에 꽂혔는지 확인하세요.
운전 중에 갑자기 모든 작동이 정지됐어요.	· 정수가 넘치거나 누수되고 있지는 않나요?	서비스를 신청하세요.
	· 원수공급이 원활한가요?	원수공급밸브를 확인하세요.
	· 전원 연결이 되어 있나요?	제품 전원코드가 120 V ~ 60 Hz 콘센트에 꽂혔는지 확인하세요.
	· 정수물이 넘치거나 누수되고 있지는 않나요?	서비스를 신청하세요.

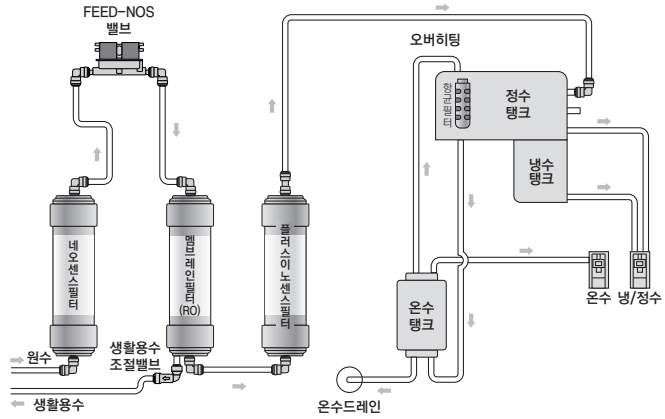
제품규격

제품명		코웨이 정수기
모델명		CHP-590L
정수방식		역삼투압 방식
회수율		50 % (343 kPa, 25 °C, NaCl 200 ppm)
정격전압		120 V ~ 60 Hz
정격입력		전동기 1.4 A, 히터 500 W
표시부내용		냉수온도, 온수온도, 냉수기능선택, 온수기능선택
주요기능		정수기능, 냉수기능, 온수기능, 과열방지기능, 과방방지기능
물통용량	정수	6 L
	냉수	3 L
	온수	3 L
	합계	12 L
필터소재	네오센스필터	블록활성탄
	멤브레인필터(RO)	역삼투막
	나노트랩필터	-
	플러스이노센스필터	블록활성탄, 부직포
	플러스이노센스필터(D)	-
	항균필터	항균볼
제품크기		260 mm(가로) × 448 mm(깊이) × 1 150 mm(높이)
사용원수온도		5 °C - 35 °C
사용환경온도		5 °C - 35 °C
사용원수압력		138 kPa - 827 kPa
제품중량		27 kg

- ▶ 정수 용량은 수압과 수온에 따라 약간의 차이가 있을 수 있습니다.
- ▶ 물통 용량은 물통크기에 의한 용량으로 추출 용량과 다를 수 있습니다.
- ▶ 제품의 성능 개선을 위하여 사전 예고없이 약간의 규격변동이 있을 수 있습니다.
- ▶ 회수율은 유입수량 대비 유출수량의 비율을 의미합니다.

수배관도

CHP-590L



MEMO

기

타

수
배
관
도

27

28

Water Filtration System Performance Data Sheet



Model: CHP-590L

This system has been tested and certified by the Water Quality Association according to NSF/ANSI 42, 53 and 58 for the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42,53,58 and 372.

Substance	Influent Challenge Concentration (mg/L unless specified)	Maximum Allowable Product Water Concentration (mg/L unless specified)	Percent Reduction (%)
Arsenic (Pentavalent)	0.050 ± 10%	0.010	97.8
Barium	10.0 ± 10%	2.0	97.3
Radium 226/228	25 pCi/L	5 pCi/L	80
Cadmium	0.03 ± 10%	0.005	98.4
Chromium (Hexavalent)	0.3 ± 10%	0.1	98.6
Chromium (Trivalent)	0.3 ± 10%	0.1	99.4
Lead	0.15 ± 10%	0.010	99.3
Copper	3.0 ± 10%	1.3	98
Selenium	0.10 ± 10%	0.05	98.4
TDS	750 ± 40	187	92.4
Aesthetic Chlorine	2.0 ± 10%	≥ 50% reduction	72.8
VOC*	0.300 ± 10%	≥ 95% reduction	99.8

While testing was performed under laboratory conditions, actual performance may vary.

General Operating Information:

Rated Capacity	290 gallons (for VOC) 5 000 gallons (for Aesthetic Chlorine)
Min-Max operating pressure:	20 ~ 120 psi (1.4 ~ 8.4 kgf/cm ²)
Min-Max feed water temperature:	41 ~ 95 °F (5 ~ 35 °C)
Rated Service Flow	0.07 GPM
Daily Water Production Rate	67.6 GPD
Product Efficiency Rating	31.8 %
Electrical Requirements:	Refer to the rating plate.

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Refer to the owners manual for specific installation instructions, manufacturer's limited warranty, user responsibility, and parts and service availability.
- The influent water to the system shall include the following characteristics:
 - No organic solvents
 - Chlorine: < 2 mg/L
 - pH: 7 - 8
 - Temperature: 41 ~ 95 °F (5 ~ 35 °C)
 - Iron: < 2 mg/L
 - Turbidity: < 1 NTU
 - Hardness: < 1 000 mg/L

- For parts and service availability, please contact your local dealer or Coway.
- This system has been tested for the treatment of water containing pentavalent arsenic (also known as As(V), As(+5), or arsenate) at concentrations of 0.050 mg/L or less. This system reduces pentavalent arsenic, but may not remove other forms of arsenic. This system is to be used on water supplies containing a detectable free chlorine residual at the system inlet or on water supplies that have been demonstrated to contain only pentavalent arsenic. Treatment with chloramines (combined chlorine) is not sufficient to ensure complete conversion of trivalent arsenic to pentavalent arsenic. Please see the Arsenic Facts section of this Performance Data Sheet for further information.
- Efficiency rating means the percentage of the influent water to the system that is available to the user as reverse osmosis treated water under operating conditions that approximate typical daily usage.
- The product water should be tested every 6 months to ensure that the contaminants are being reduced effectively. Please contact your local dealer or Coway to initiate this service.
- This reverse osmosis system contains a replaceable treatment components, critical for the effective reduction of total dissolved solids and that product water shall be tested periodically to verify that the system is performing properly. Replacement of reverse osmosis component should be with one of identical specifications, as defined by the manufacturer, to assure the same efficiency and contaminant reduction performance.
- The estimated replacement time of filter, which is a consumable part, is not an indication of quality guarantee period, but it means the ideal time of filter replacement. Accordingly, the estimated time of filter replacement may be shortened in case it is used in an area of poor water quality.

Model of Filter	Type	Usable period (months)
CNFN14	NEO-SENSE FILTER	6
CRMFN14-50	RO MEMBRANE FILTER	24
CIFN14-PLUS	PLUS INNO SENSE FILTER	18
CAF-03	ANTIBACTERIAL FILTER (option) *	12

* The Antibacterial filter contains silver, which is known to inhibit the propagation of microorganisms and to maintain the integrity of the filter.

ARSENIC FACTS

Arsenic (abbreviated As) is found naturally in some well water. Arsenic in water has no color, taste or odor. It must be measured by a lab test. Public water utilities must have their water tested for arsenic. You can get the results from your water utility. If you have your own well, you can have the water tested. The local health department or the state environmental health agency can provide a list of certified labs. Information about arsenic in water can be found on the Internet at the US Environmental Protection Agency website:

www.epa.gov/safewater/arsenic.html

There are two forms of arsenic: pentavalent arsenic (also called As(V), As(+5), and arsenate) and trivalent arsenic (also called As(III), As(+3), and arsenite). In well water, arsenic may be pentavalent, trivalent, or a combination of both. Special sampling procedures are needed for a lab to determine what type and how much of each type of arsenic is in the water. Check with the labs in your area to see if they can provide this type of service.

Reverse osmosis (RO) water treatment systems do not remove trivalent arsenic from water very well. RO systems are very effective at removing pentavalent arsenic. A free chlorine residual will rapidly convert trivalent arsenic to pentavalent arsenic. Other water treatment chemicals such as ozone and potassium permanganate will also change trivalent arsenic to pentavalent arsenic. A combined chlorine residual (also called chloramine) may not convert all the trivalent arsenic. If you get your water from a public water utility, contact the utility to find out if free chlorine or combined chlorine is used in the water system.

The CHP-590L system is designed to remove pentavalent arsenic. It will not convert trivalent arsenic to pentavalent arsenic. The system was tested in a lab. Under those conditions, the system reduced 0.050 mg/L pentavalent arsenic to 0.010 mg/L (ppm) (the USEPA standard for drinking water) or less. The performance of the system may be different at your installation. Have the treated water tested for arsenic to check if the system is working properly. The RO component of the CHP-590L system must be replaced every 24 months to ensure the system will continue to remove pentavalent arsenic. The component identification and locations where you can purchase the component are listed in the installation/operation manual.

* VOC Surrogate Claims

Chemical	Influent Challenge Concentration (mg/L unless specified)	Maximum Allowable Product Water Concentration (mg/L unless specified)	Percent Reduction (%)
alachlor	0.050	0.001	> 98
atrazine	0.100	0.003	> 97
benzene	0.081	0.001	> 99
carbofuran	0.190	0.001	> 99
carbon tetrachloride	0.078	0.0018	98
chlorobenzene	0.0775	0.001	> 99
chloropicrin	0.015	0.0002	99
2,4-D	0.110	0.0017	98
dibromochloropropane(DBCP)	0.052	0.00002	> 99
o-dichlorobenzene	0.080	0.001	> 99
p-dichlorobenzene	0.040	0.001	> 98
1,2-dichloroethane	0.088	0.0048	95 ⁵
1,1-dichloroethylene	0.083	0.001	> 99
cis-1,2-dichloroethylene	0.170	0.0005	> 99
trans-1,2-dichloroethylene	0.086	0.001	> 99
1,2-dichloropropane	0.080	0.001	> 99
cis-1,3-dichloropropylene	0.079	0.001	> 99
dinoseb	0.170	0.0002	99
endrin	0.053	0.00059	99
ethylbenzene	0.088	0.001	> 99
ethylene dibromide (EDB)	0.044	0.00002	> 99
haloacetonitriles (HAN)			
bromochloroacetonitrile	0.022	0.0005	98
dibromoacetonitrile	0.024	0.0006	98
dichloroacetonitrile	0.0096	0.0002	98
trichloroacetonitrile	0.015	0.0003	98
haloketones (HK):			
1,1-dichloro-2-propanone	0.0072	0.0001	99
1,1,1-trichloro-2-propanone	0.0082	0.0003	96
heptachlor (H-34,Heptox)	0.08	0.0004	> 99
heptachlor epoxide	0.0107 ⁸	0.0002	98
hexachlorobutadiene	0.044	0.001	> 98
hexachlorocyclopentadiene	0.060	0.000002	> 99
lindane	0.055	0.00001	> 99
methoxychlor	0.050	0.0001	> 99
pentachlorophenol	0.096	0.001	> 99
simazine	0.120	0.004	> 97
styrene	0.150	0.0005	> 99
1,1,2,2-tetrachloroethane	0.081	0.001	> 99
tetrachloroethylene	0.081	0.001	> 99
toluene	0.078	0.001	> 99
2,4,5-TP (silvex)	0.270	0.0016	99
tribromoacetic acid	0.042	0.001	> 98
1,2,4-trichlorobenzene	0.160	0.0005	> 99
1,1,1-trichloroethane	0.084	0.0046	95
1,1,2-trichloroethane	0.150	0.0005	> 99
trichloroethylene	0.180	0.0010	> 99
trihalomethanes (includes):			
chloroform (surrogate chemical)			
bromoform			
bromodichloromethane	0.300	0.015	95
chlorodibromomethane			
xylenes (total)	0.070	0.001	> 99

MEMO

**WARRANTY CARD OR WARRANTY LETTER
ONE YEAR LIMITED WARRANTY
WATER FILTRATION DEVICE CHP-590L (“PRODUCT”)**

Model:

Serial Number:

Customer Name:

(“OWNER”)

Date of Purchase:

What This Warranty Covers:

Commencing with the date of purchase of the Product and continuing for a period of one year, if manufacturing defects in the Product cause the Product to not operate properly for its intended use, then subject to the exclusions, conditions, and limitations contained herein, COWAY at its sole option will repair or replace the Product.

Decisions as to the extent of repair or replacement required will be made solely by COWAY.

The remedy under this Warranty is available only for that portion of the Product exhibiting defects at the time of the warranty claim. The replacement Product as well as any remaining original Product will be warranted only for the original one year warranty period. This limited warranty applies only to Product used for an application specified by COWAY for the Product and applied in strict accordance with COWAY published specifications in effect at the time of application. IF PRODUCT IS USED FOR OTHER THAN ITS INTENDED PURPOSE, IT IS SOLD AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

What This Warranty Does Not Cover:

This Warranty warrants that the Product will be free from manufacturing defects which affect the ability of the Product to operate for its intended use; it is not a warranty that the Product will never require repairs or to undertake responsibilities, liabilities or obligations other than those specifically identified in the preceding section. COWAY is not responsible or liable for personal injury or property damage of any kind, even if arising from a breach of this Warranty.

Limitations and Exclusions:

TO THE EXTENT PERMITTED BY APPLICABLE LAW, COWAY DISCLAIMS ANY OTHER WARRANTY EXPRESS OR IMPLIED, THAN THAT GUARANTEES FOR HEREIN. THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, PROVIDES, CONDITIONS AND REPRESENTATIONS, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITIONS OR WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE COWAY PRODUCT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. COWAY DOES NOT AUTHORIZE ANY PERSON INCLUDING ITS REPRESENTATIVES, TO MAKE ANY REPRESENTATION OR TO OFFER ANY WARRANTY, CONDITION OR GUARANTY IN RESPECT OF THE PRODUCT OTHER THAN THIS WARRANTY. THIS LIMITED WARRANTY SHALL BE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST COWAY AND COWAY SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, EXEMPLARY, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, AND LOSS OF USE. INCIDENTAL, CONSEQUENTIAL AND EXEMPLARY DAMAGES SHALL NOT BE RECOVERABLE EVEN IF THE REMEDIES OR THE ACTIONS PROVIDED FOR IN THIS WARRANTY FAIL OF THEIR ESSENTIAL PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. COWAY SHALL NOT BE LIABLE FOR ANY DAMAGES WHICH ARE BASED UPON NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY OR ANY OTHER LEGAL THEORY OF LIABILITY OTHER THAN THE EXCLUSIVE LIABILITY SET FORTH IN THIS WARRANTY

Limitations on Implied Warranties:

Any implied warranty of merchantability or fitness for a particular purpose or use, shall be limited to the duration of the foregoing express written warranty.

Conditions of Warranty:

COWAY's continuing liability under this Warranty is conditioned upon the following :

- a) The defect or damage is not caused by or is the result of : abnormal use or conditions; improper storage, unauthorized modifications or repair; misuse, neglect, accident, alteration, improper installation or other acts that are not the fault of Coway or the manufacturer of the product or that are not covered by the manufacturer's warranty;
- b) The Product has not been altered, modified or repaired without prior written approval of COWAY;
- c) The OWNER has notified COWAY in writing of any failure of the Product covered by this Warranty within thirty (30) days following such failure;

- d) There has been no misuse, abuse or negligence with respect to the Product on the part of the OWNER.

Waiver:

COWAY's failure at any time to enforce or rely upon any of the terms or conditions stated herein shall not be construed to be a waiver of its rights hereunder.

Obtaining Warranty Service and OWNER'S Duties:

If the Product fails to operate for its intended purpose, then notify Coway or its Representative Agency within 48 hours or within the next business day after discovery of any defect in the Product. The OWNER must give written notice to COWAY no later than thirty (30) days after a defect is discovered or should by reasonable diligence have been discovered. Claims under this Warranty will require proof of purchase by the OWNER.

COWAY

Add : Coway co., Ltd.
136-23, Yugumagoksa-ro, Yugu-eup, Gongju-si,
Chungcheongnam-do, Korea
Tel. : 82-1588-5100

USA

Add : Coway USA Inc.
4221 Wilshire Blvd. #210 Los Angeles, CA90010
Call center. : (213) 386-3033
Fax. : (213) 386-3032

THAILAND

Add : COWAY(THAILAND) CO., LTD.
75/104-106 Ocean Tower2 38F, Soi
Sukhumvit19(Wattana), Sukhumvit Road,
Klongtoey Nua, Wattana, Bangkok 10110
Call center : 001-66-2-315-7578

MALAYSIA

Add: COWAY (M) SDN BHD
SUITE 6-3 & 6-4 LEVEL 6, WISMA UOAI
NO.21 JALAN PINANG 50450 KUALA LUMPUR
kuala Lumpur
Call center : 1-800-888-111

coway

www.coway-usa.com

