

POINT OF USE WATER COOLER



KOREAN NATIONAL
BRAND



the infinite

waco



OPERATION MANUAL



The Excellent Company
Brand of Seoul



waco Corp.

MADE IN KOREA 

To keep the best working condition and guarantee long life read this manual carefully before you operate this equipment.

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Pre-cautions

1. The appliance is not to be used 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.
 2. Children being supervised not to play with the appliance.
 3. Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
 4. This product should be installed in a room (home, restaurant, health club, office, etc.) where people live.
 5. This product is equipped with non-self resetting thermal cut outs. As a result, hot water may automatically be blocked when the hot water tank is overheated, preventing hot water from being discharged.
In this case, make sure to repair it through the service center.
 6. This product must be powered by a residual current unit (RCD) with a rating residual operating current not exceeding 30 mA.
 7. This product is also available in regions of tropical climates (IEC 60417-6332).
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01/ INSTALLATION

1. Please do not use any excessive force while unpacking.
2. Please do not tilt the product more than 45degrees while moving it.
3. Please place the dispenser on a flat and stable surface.
4. Please close the main water valve before installation.
5. Please detach the faucet from the water pipe and connect the main adaptor to the water pipe. (* Please connect the adaptor to the cold water pipe only.)
6. Please connect the inlet tube to the adaptor.
7. Please do not use product for at least two hours after moving the dispenser
8. Please make sure that water should be filled in hot water tank and cold water tank before turning power on.

* Please avoid contact with heat or water. Avoid placing dispenser near source of heat and steam, such as gas range or oil stove, or near sink or other places where water may be splashed on dispenser.

* Please keep the product more than 30cm away from any wall.
Power plug should be accessible without having move to the product.

* For the product installation the tube connection shall be done by the technician

02/ IMPORTANT SAFETY INSTRUCTION

1. The maximum inlet water pressure :
392kPa(UF Filter System)
687kPa(RO Filter System)
2. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
3. The new hose-sets supplied with the appliance are to be used. Old hose-sets from previous units should not be reused.

03/ MAINTENANCE

Always unplug the power cord before cleaning the product.

1. Please always unplug the power cord before cleaning the product.
2. Please never use any detergent or chemicals.
3. Please wipe the front and back of the product with water-soaked, soft cloths.
4. Please do not directly spray water on the surface of the product.
5. If dust or other foreign substance has accumulated on the condenser, wipe off with water-soaked soft cloth.
6. After cleaning of the product, completely dry it before turning on the power.

MAINTENANCE & INSTALLATION TIPS

Pre-flush filters prior to allowing water to flow to the storage tanks.
Allow each system to process water to full capacity at least 2 times and completely flush system before use.

Carefully inspect all filters and tube connections for leaks prior to final installation.
When transporting to install, be sure to use all packaging unit was shipped with.

Never lay unit down on its side, it is recommended not to tilt unit more than 15degrees prior to installation. If unit is tilted more than 15 degrees, unit should stand in vertical position for 24 hours prior to installation.
Connect directly to electrical outlet : Do Not use an extension cord.

After unit is properly connected to water and power, it is advisable to observe unit for approximately 30 minutes. Fittings can become loose or stressed during transportation. Be sure to give a final check of all connections prior to completion of installation for best results.

Reverse-Osmosis units produce water at a reduced and varying rate as compared to micro or ultra filtration systems.

Time to fill the storage capacity of these systems will depend on the unit water pressure and the quality of the water you are purifying.

04 USAGE METHOD

1. Press the hot water valve, and then connect the electric power plug to start operation.
2. To use hot water, turn on hot water switch.
3. After power is on
 - * Cold water will come out around 30 minutes later (4°C - 30°C)
 - * Hot water will come out around 5 minutes later (30°C - 90°C)

* WARNING

Heater may be over-heated and damaged during if there is no water in the container (hot/cold water) when the power plug is connected.

05 CLEANING METHOD

Part to be cleaned	Frequency	Cleaning Method
Waste Water Tank	Twice daily	Check frequently, and wipe off with a neutral detergent.
Hot / Cold Water Faucet	Once daily	Clean with a damp cloth, and then wipe with dry cloth.
Exterior	Once per 3days	Clean with a damp cloth, Do not use gasoline, benzene, etc. as such materials may change the surface color or scratch the surface.
Filter	On the period of use	Replaced after Sediment-Filter : 6months, Pre Carbon-Filter : 6months, U/F-Filter : 12months, Post Carbon-Filter : 9~12months.

- How to wash the product.

1. Please do not use harmful detergents or chemicals.
2. Please clean the surface and the rear of the product with a wet soft cloth directly.
3. Please do not spray water to the surface of the product directly.
4. After cleaning, the power should be supplied to the product only after drying the dispenser completely.

06 REPAIR METHOD

- If the product won't be used for a long period.

1. Please remove any remaining water in the hot and cold water container completely.
2. Please loose the drainage cap fixed on the rear of the product to remove the remaining water from inside the product completely.
3. Please protect the product from rotting, dust and dirt using the vinyl and packing case supplied from the factory when not in use.
4. In case of reuse the product, install the product according to this instruction manual.

07 / FAQ

: THE WATER IS NOT COLD ENOUGH

Have you used too much cold water recently?

Your purifier has a specific cold water tank capacity so please wait a sufficient period of time before reuse.

Have you checked the voltage of your mains?

Your Purifier operates at 220 - 240V or 110V. Please do not operate at any other voltage.

Is the purifier too close to the wall?

Certain components of your purifier emit heat and the POU should not be too close to the wall or other structures.

Is the purifier in direct sunlight or near a heat source?

Please move your product to another location away from the heat source.

Is the temperature of the water supply appropriate?

The input water temperature should be less than 86°F(30°C)

: THE WATER IS NOT HOT ENOUGH

Have you dispensed too much hot water recently?

Please wait a sufficient period of time before reuse.

Is the hot water switch set to 'off'?

The hot water switch is located on the back panel of the purifier. Please ensure it is set to 'on'.

Is the water supply adequate?

Insufficient supply of water could be the reason. Ensure that the tank is filled with water.

: THE WATER PURIFIER IS NOT FUNCTIONING PROPERLY

Is this a power failure?

Please check the power supply with other electrical appliances. Please call us if in doubt.

Is the purifier emitting an irregular sound?

Please ensure the area of installation is flat and solid.

The purifiers may emit a vibration upon first installation and this is normal as the auto-shut-off valve is under pressure. After the initial installation and flush is done, this sound will be minimized.

: THERE IS AN UNPLEASANT TASTE OR STRANGE ODOUR

Have you replaced the filters recently?

Replace the Post Carbon Filter(4th in sequence) and clean the water tank by emptying the reservoir tanks (via drain tubes located on either the front or back of the unit). If the taste or odour persists, replace all filters.

: PARTICLES IN WATER ARE APPEARING AS SALT OR ICE

Please discharge all water from the reservoir tanks and call us.

: THERE SEEMS TO BE A WATER LEAKAGE

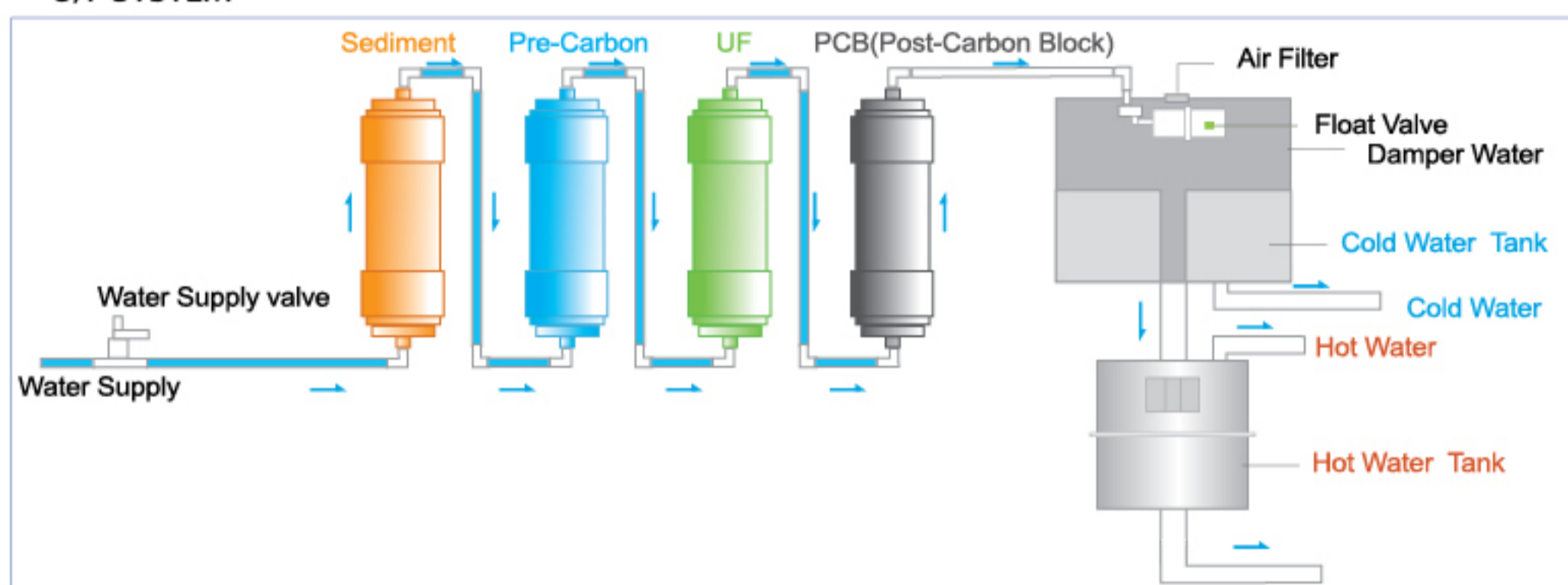
Turn off the unit. Check the condition of the tubes from filter to filter and tighten or adjust where necessary. Also check the lines from reservoir tanks.

Please call us if leaking persists.

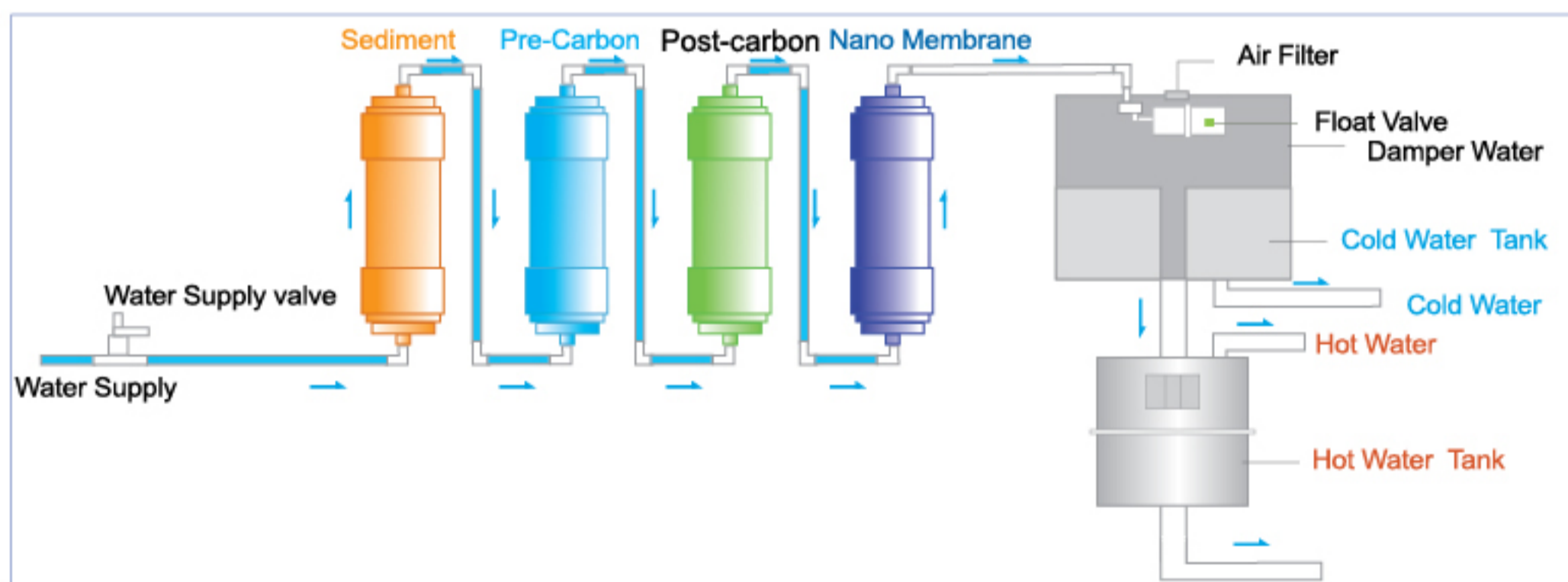
08 FILTER STAGE

MODEL No.	UF SYSTEM	NANO SYSTEM	RO SYSTEM
1ST STAGE	SEDIMENT FILTER	SEDIMENT FILTER	SEDIMENT FILTER
2ND STAGE	PRE-CARBON FILTER	PRE-CARBON FILTER	PRE-CARBON FILTER
3RD STAGE	UF FILTER	POST-CARBON FILTER	RO MEMBRANE FILTER
4TH STAGE	PCB FILTER	NANO SILVER MEMBRANE FILTER	PCB FILTER
ACCESSORY	PIPE ADAPTOR, BALL VALVE CONNECTOR (All connection is made by Speed Fittings)		

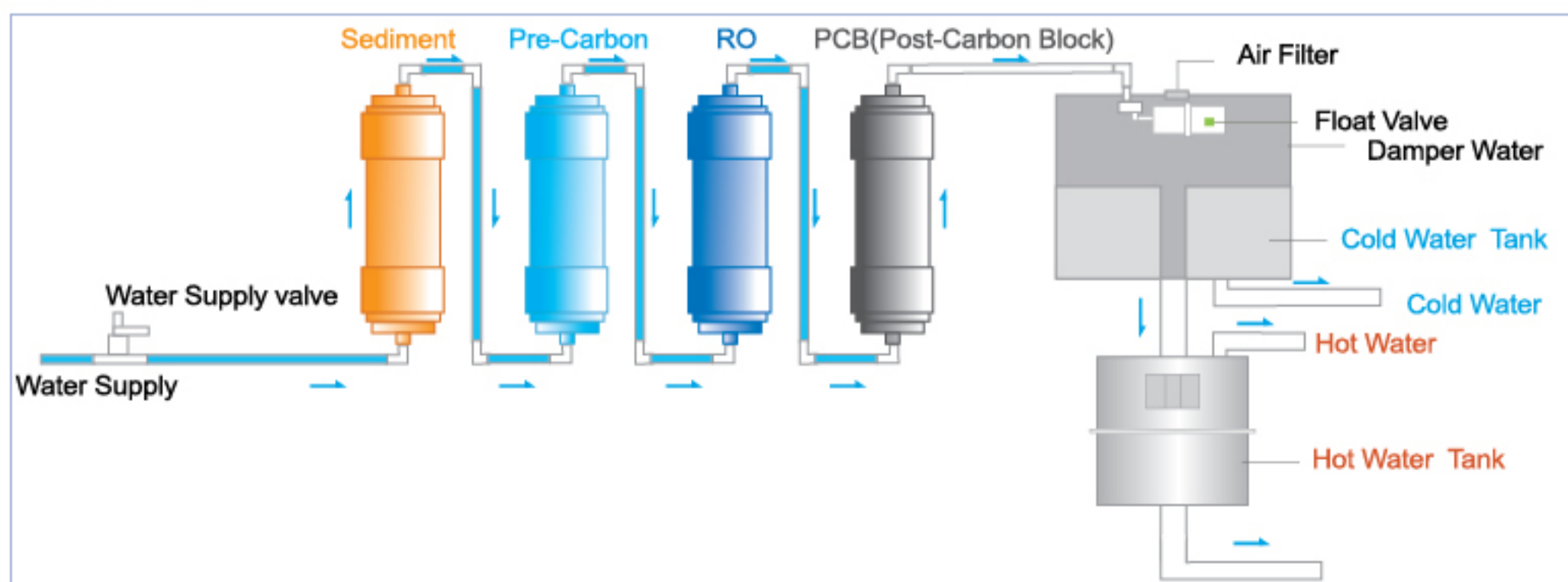
U/F SYSTEM



NANO SYSTEM



RO SYSTEM



09 DETAILED FILTER INFORMATION

- SEDIMENT FILTER *Service Life : 4 - 6 Months*

Pre-treatment Sediment Filter maximized the effect of purification as the initial stage by eliminating minute impurities with the size down to 1 μ m such as rust, soil, sand and dust.

- PRE CARBON FILTER *Service Life : 6 - 9 Months*

Pre-Carbon Filter that used absorption method of carbon makes water, which is close to Natural water by absorption and elimination of organic chemicals such as chlorine ingredient (tri-halo-methane) and smell.

- POST CARBON FILTER *Service Life : 9 - 12 Months*

Post Carbon Filter makes clean water without color and taste by preventing the propagation of bacteria and eliminating unpleasant smell, taste and pigments permeated in water.

- PCB FILTER (POST CARBON BLOCK FILTER) *Service Life : 9 - 12 Months*

Post Carbon Filter makes clean water without color and taste by preventing the propagation of bacteria and eliminating unpleasant smell, taste and pigments permeated in water. The carbon block water filter is the next generation carbon filter creating the less alkali of ph 8.2. It's the latest technology.

- UF FILTER *Service Life : 12 Months*

The Ultra Filtration Filter developed through advanced technology has the function of totally eliminating various microbes and impurities but allowing water containing the minerals beneficial for health to pass with its particular holes size 0.04~0.1 micro.

- NANO SILVER MEMBRANE FILTER *Service Life : 12 Months*

This Nano silver filter is equipped with a special kind of plain film having 95% pores regularly made on it. Its pore in size of 0.05~0.09 μ m can endure the water pressure of 20kg, blocking the in-flow of the various germs.

- RO MEMBRANE FILTER *Service Life : 18 - 24 Months*

Removes heavy metals and all types of carcinogenic substances

This stage completely drains out contaminants by squeezing out chemicals and many other microscopic impurities.

** Life of filter depends upon the water consumption and quality.*

- IN CASE OF EXCHANGING FILTER

1. Please take out the electric plug and close the main valve.
2. Please detach the waste water tank from the product.
3. Please detach the lower front cover from the product after unscrewing.
4. After the filter exchange is finished, reassemble front cover and screws.
(After water is supplied, Please check for leakage of water.)
5. Please open the main water adapter and insert the electric power plug.

- **Precaution**

Please exchange the filters according to the filter exchanging period.

Using filters longer than recommended period Will cause purified water quantity and quality get to go down.

PRODUCT WARRANTY CARD

We WACO Corp. supply the reliable products through the perfect quality control and service inspection considering the cleaner water and environment based on the views of our clients, and do our best to fulfill customer satisfaction.

We guarantee that the repair or exchange of faulty components will be conducted without charge when the defect occurred during the manufacturing process or malfunction occurred within the guarantee period. Please refer to your local distributor in such case.



Guarantee Period

- 1. Warranty period is for 12 months after purchase of the product.
- 2. However in cases mentioned below. charges would be applicable.
 - 1) After expiry of free warranty period.
 - 2) Damage or malfunction caused by careless usage.
 - 3) Malfunction occurred due to natural calamity.
 - 4) Loss of the warranty caed.

Repair Date	Repair Contents	Repair Place	Name of Repair Place



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