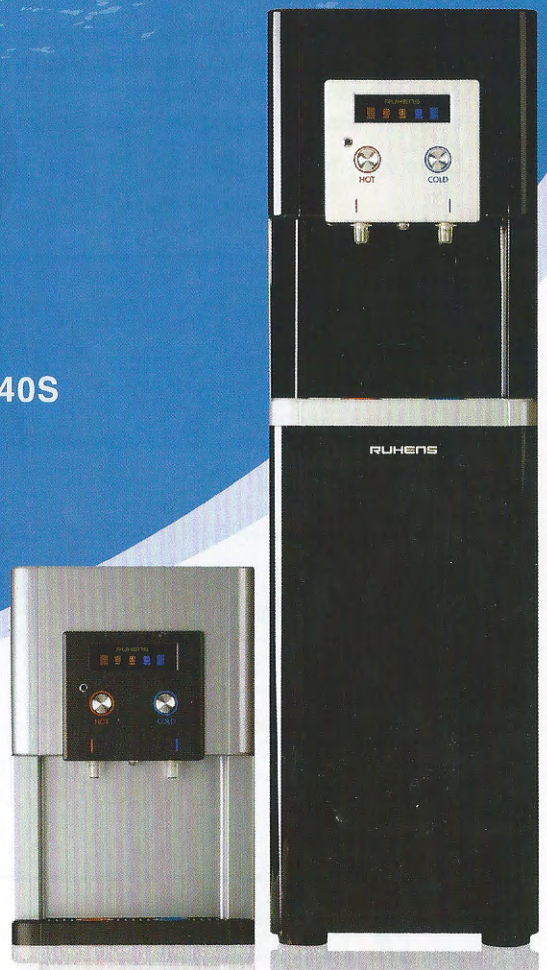
RUHENS

HOT & COLD WATER PURIFIER

COLD/HOT WATER PURIFIER
OPERATION MANUAL

RUHENS

MODEL : WHP-300
WHP-300S/340S



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

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CONTENTS

Characteristics

1) Electric controlled button type faucet
2) Hot safety lock function for children
3) Illumination and beep when draw the water
4) Antibacterial plastic Hygiene Guard
   Hygiene Guard was made by Antibacterial plastic to minimize the bacterial contamination caused by air.
   It can be easily changeable by turning the Hygiene Guard to the right.
5) Drain valve in front side

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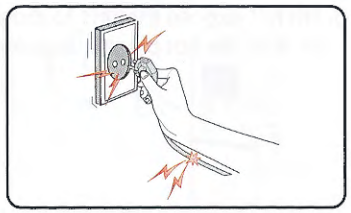
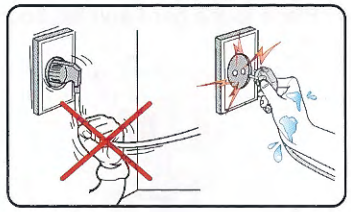
1-1. PRECAUTIONS

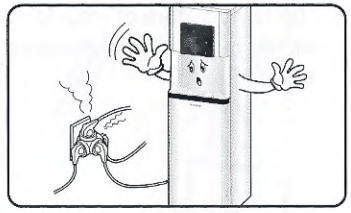
1. Do not insert a plug in a loose wall outlet.



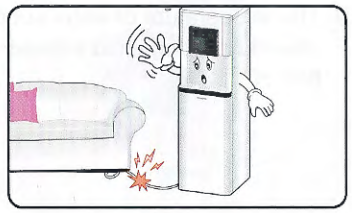
2. When unplugging the power cord, do not pull on the cord itself but pull on the plug.



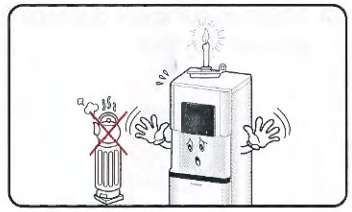
3. Do not plug in with other electrical appliance, the plug should be rated for more than 10A.



4. Do not step on the power cord or do not bend the cord.



5. Do not place the unit near source of heat and do not expose to direct sunlight.



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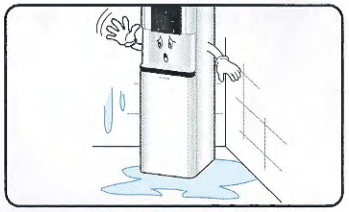
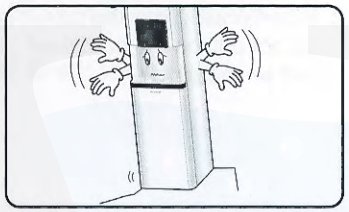
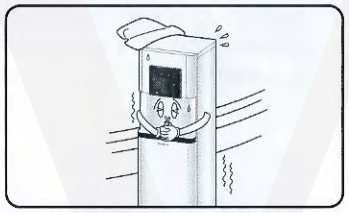
6. Do not expose the unit to moisture rain, or dust, do not place it at outdoor or bathroom.



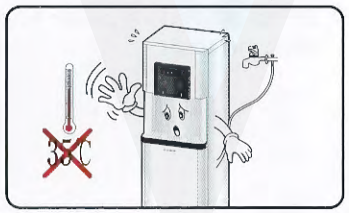
7. Place to the hard and flat floor.



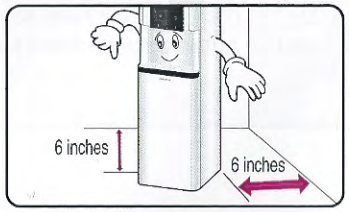
8. The temperature of installation area should be maintained between 39°F(4℃) and 90°F(32℃).



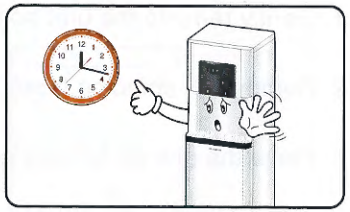
9. The temperature of water supply should be maintained between 39°F(4℃) and 95°F(35℃).



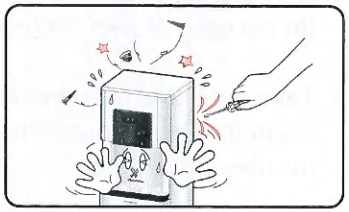
10. Maintain sufficient distance from wall at least 6 inches.



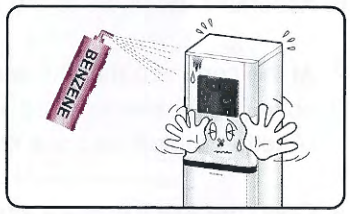
11. Do not operate the unit for more than 30 minutes after it is moved to new location.



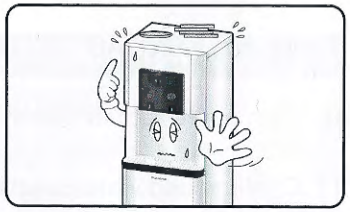
12. Do not take the unit to pieces when it is found to be defective. Please call the service center.



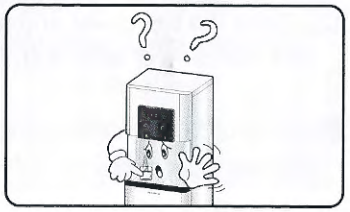
13. Do not use alcohol or aerosol, wax, benzene to prevent the deformability.



14. Do not place objects on the top of the unit to avoid damaging.



15. Do not move the unit while it is operating.



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2. INSTALLATION

1. Gently remove the unit from the carton box.

2. Remove all shipping tape used to secure parts.

3. Place the unit on flat and hard floor.

4. Remove the bolts and then open the top cover.
   (In the case of whp-300 open the front cover low.)

5. Take out a 2nd filter and 4th filter from the unit.
   Flush the Pre-carbone(2nd) filter and Post-carbone(4th) filter for 5 minutes.

6. Assemble the filters to the unit again.

7. At the condition that the water supply valve is closed, connect the tubing hose (1/4") between feed valve and inlet of the unit.
   (Another tubing for brine water should connect to the R/O type unit)

8. Open the feeding valve after completing installation.

9. Plug in the unit (AC 220~240V / 50~ 60Hz)

10. Turn on the power switch of the rear side.

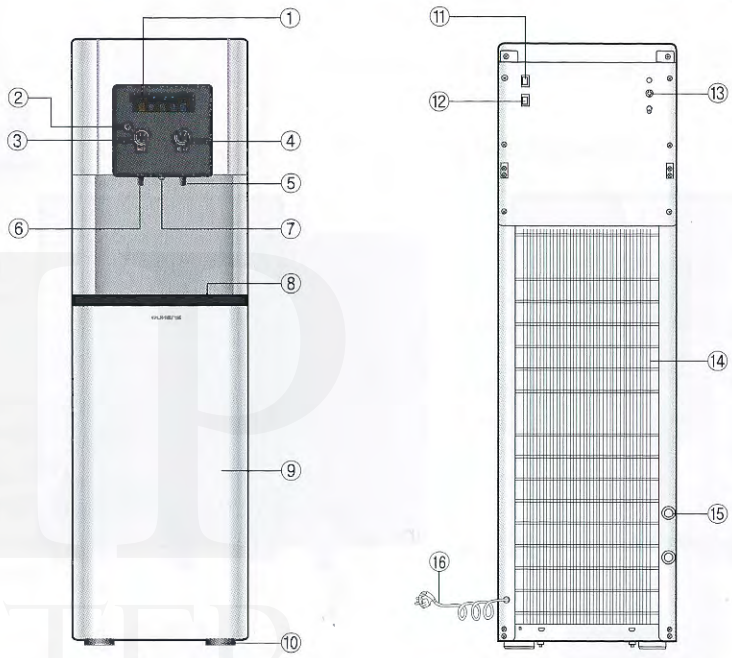
11. Confirm feed water supplies.

12. Close the top cover and fasten with bolts
    (In the case of whp-300, close the front cover low.)

■ To avoid user damaging, product should be installed by service man .

3-1. EXTERIOR DIAGRAM

WHP-300



(Front) (Rear)

No.	Part Name	No.	Part Name
1	Display Window	9	Front Cover (Lower)
2	Safety Lock Button	10	Adjustable Feet
3	Hot Water Button	11	Heating On/Off Switch
4	Cold Water Button	12	Cooling On/Off Switch
5	Cold Water Faucet	13	Cold Water Temp. Adjuster
6	Hot Water Faucet	14	Condenser
7	Illumination Lamp	15	Water Inlet
8	Drip Tray	16	Power Plug

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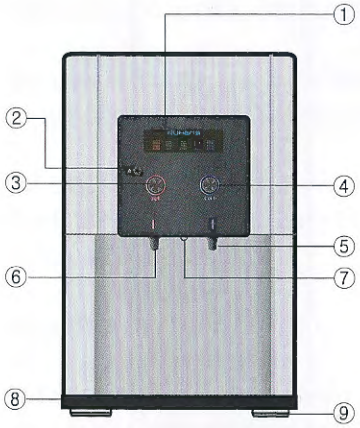
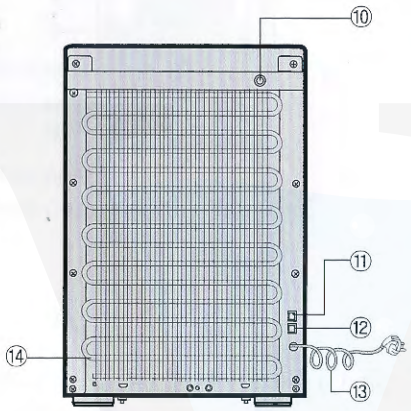
3-2. EXTERIOR DIAGRAM

WHP-300S/340S

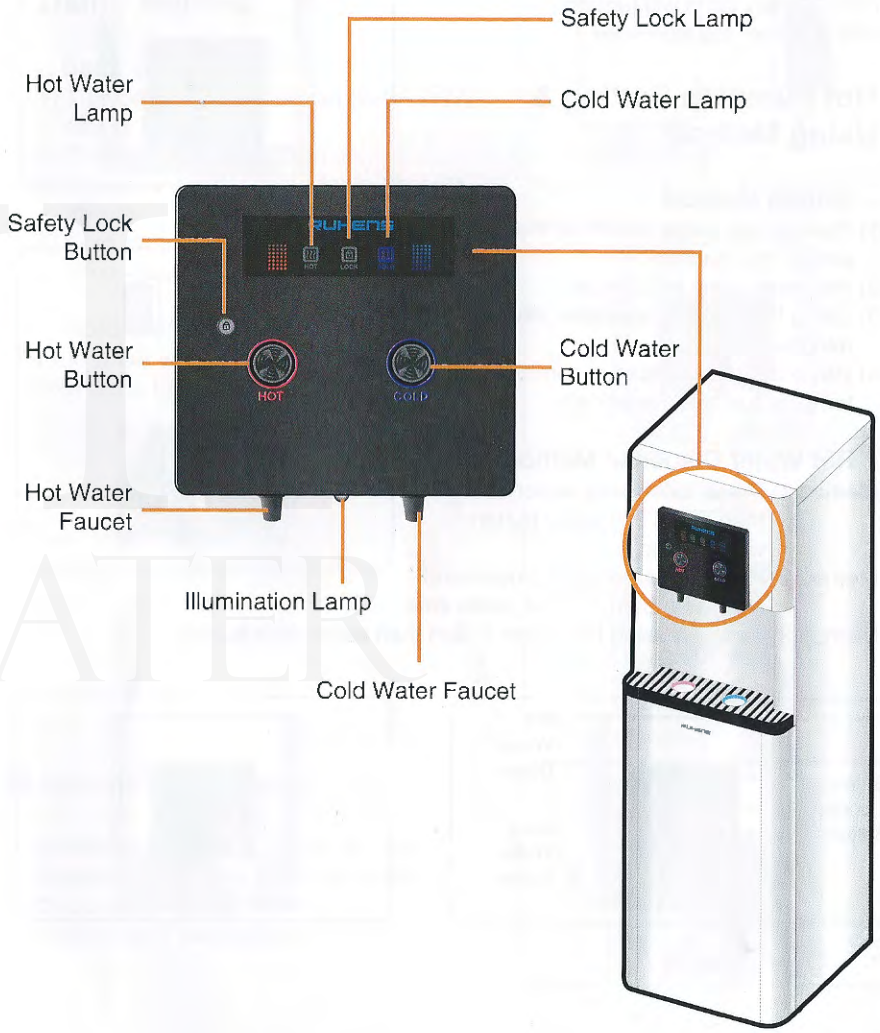


(Front)



(Rear)

No.	Part Name	No.	Part Name
1	Display Window	8	Drip Tray
2	Safety Lock Button	9	Feet
3	Hot Water Button	10	Water Inlet
4	Cold Water Button	11	Heating On/Off Switch
5	Cold Water Faucet	12	Cooling On/Off Switch
6	Hot Water Faucet	13	Power Plug
7	Illumination Lamp	14	Condenser



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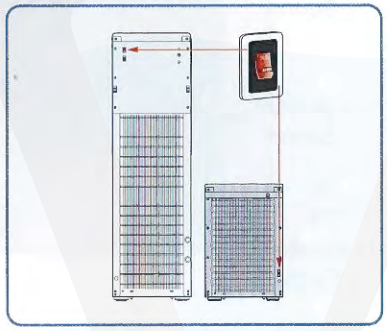
Power

Front display lamp will turn on after connect the electricity.

Hot Function Setting & Using Method

-. Setting Method

1) Turn on Hot water switch on the rear side of the machine.
2) Hot water lamp will turn on.
3) Using Hot water is available after 20 minutes.
4) Hot water temperature is controlled by temp. adjuster automatically.

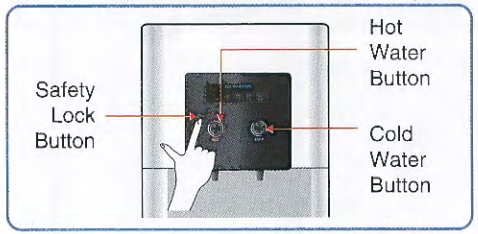


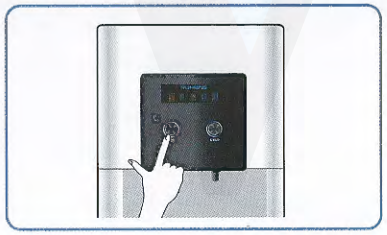
-. Hot Water Dispense Method

Method 1) Press safety lock button first then press Hot water button within 3 sec.

Method 2) Press the safety lock button and Hot water button at the same time.

Method 3) Keep pressing Hot water button then safety lock button.

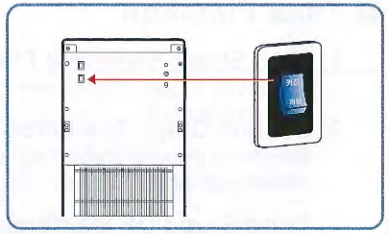




Cold Function Setting & Using Method

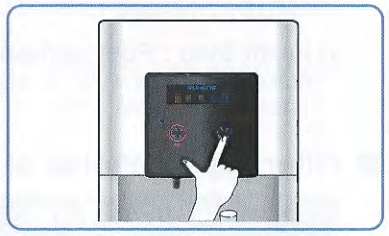
-. Setting Method

1) Turn on Cold water switch on the rear side of the machine.
2) Cold water lamp will turn on.
3) Using Cold water is available after 60 minutes.
4) Cold water temperature is controlled by temp. adjuster automatically.



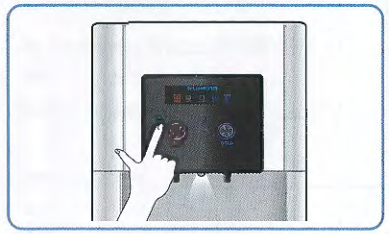
-. Cold Water Dispense Method

Cold water will dispenser during pressing the cold water button.



Illumination Lamp

Illumination lamp will turn on in case of pressing safety lock button or during dispenser Hot/Cold water.
It will turn off automatically.



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Filter Function

1) First Step : Sediment Filter
Removes bigger than 5 micron sized substances like rust, sand and dust.

2) Second Step : Pre-carbon Filter
Removes hamful chemicals such as cancer-causing materials, synthetic insecticide and chlorine.

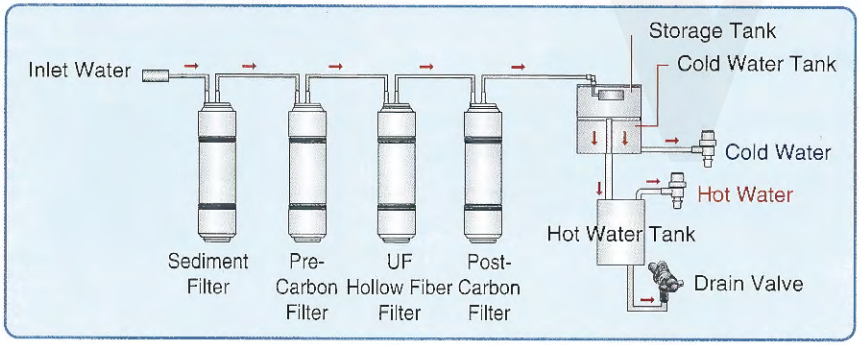
3) Third Step : UF Membrane Filter
Removes minute particles like virus, bacteria etc. and extract only pure water including minerals.

4) Forth Step : Post-carbon Filter
Make good taste water by after elminating unpleasant odor, and badtaste dissolved in water.

Filter Type & Period of Exchange

Filter Type	Period of Exchange
1st Step : Sediment Filter	Approximately Per 6 Month
2nd Step : Pre-carbon Filter	Approximately Per 6 Month
3rd Step : UF Hollow Fiber Filter	Approximately Per 18 Month
4th Step : Post-carbon Filter	Approximately Per 12 Month

Water flow diagram



Problem	Cause	Solution
Do not work	1. Electrical power supply is wrong.	1. Confirm electric power supply.
	2. Power switch is Off.	2. Turn on the power switch.
	3. Power cord is bad.	3. Change into a good quality cord.
	4. Fuse is out.	4. Apply a new fuse.
It is not good in cooling	1. Cold switch is Off.	1. Turn on the cold swtich.
	2. Airing at the rear side is bad.	2. Maintain at least 15cm from wall for a good ventilating.
	3. Temperature of supplied water is too hot.	3. Temperature should be below 30℃.
It is not good in heating	1. Hot switch is Off.	1. Turn on the hot switch.
	2. Water level of the storage tank is too low.	2. Confirm the water supply.

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7. SPECIFICATIONS

Product Name	Ruhense Hot and Cold Water Purifier	
Model No.	WHP-300	WHP-300S/340S
External Dimensions	320(W) x 340.5(D) x 1096(H)	320(W) x 448(D) x 496(H)
Weight	Abt. 27kg	Abt. 23kg
Compressor	1/10HP Sealed Type	
Condenser	Wire Type	
Motor Power Consumption	120W	
Heater Power Consumption	430W (At. AC 220V)	
Refrigerant	R-134a	
Cold Water Tank	1.72 Liters	1.72 Liters
Cold Water Capacity	20 Cups at 39~53°F	
Temperature Control	Thermostat	
Cooling	Forced Cooling Type	
Hot Water Tank	1.76 Liters	1.4 Liters
Hot Water Capacity	18 Cups at 169~194°F	
Heater	Band Heater	
Temperature Control	Bi - Metal	
Storage Tank	1.14 Liters	
Overheat Protection Device	Bi - Metal	
Power Cord Length	2M	
Front Cover	ABS	
Allowable Water Pressure	3.5kgf/cm² (Max) (0.35MPa)	
Allowable Water Temperature	5 ~ 30℃	
Climate	N Class	
Rated Voltage	AC 220~240V / 50~60Hz	

8. WARRENTY CARD

WARRENTY CARD

Product	Model	☐ WHP-300 ☐ WHP-300S/340S
	Manufacuring Date	
Purchase Date	Year Month Date	
Purchaser Name		
Dealer Name		

Warranty Guide

1. The warranty period is 12 months from date of purchase.
2. In following case, the product will be repaired at cost.
   a) After expiry of free warranty period.
   b) Malfunction caused by careless or abnormal use.
   c) Malfunction caused by natural disaster.
   d) This manual has been lost.

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