

IGUASSU Ambient S User's Manual

CHP - 1290D

- ▶ Design and color may differ from the picture.
- ▶ Product appearance, specification, etc. are subject to change without prior notice if necessary for improving product performance.
- ▶ The rated voltage of this product is 220-240V~/50Hz only.



Names of each part



Water taking lever

Water gutter

- Water taking lever : PUSH the lever
- Constant water taking lever: RAISE the lever

Specification

Product name	IGUASSU Ambient S
Model name	CHP-1290D
Rated voltage	220-240V~/50Hz
Power consumption	20 W
Net weight	14.1 Lbs (6.4 kg)
Reservior capacity	0.9 Gal (3.4 ℓ)
External dimension	180Wx413Dx415H (mm) / 7.09 x 16.2 x 16.3 (inch)
Power cord	65 inch (1.65 m)

Installation cautions

1. Do not install the unit at the following places.
 - Near fire or heater
 - Near flammable material
 - Wet places
 - To a place being exposed to rain or snow
 - To a place being exposed to direct sunlight
 - Near chemicals(volatile material, organic solvent, etc.)
 - To a place below 32°F(0°C) or a place with the possibility of dropping below 32°F(0°C).
2. Use the unit at the following conditions.
 - Water pressure : 7-100psi(0.5-7kgf/㎠)
 - Water temperature : 39-100°F(4-38°C)
 - pH : 5.8-8.5
 - Water hardness : 300 ppm or less
 - Evaporation residue : 500 ppm or less
 - Water quality : Biologically safe

※ When using the water out of range, discuss it with the company.
If not, the unit can be excluded from the stated warranty.
3. Do not connect to hot water over 100°F(38°C) to this unit.
4. When connecting tubes, ensure that the tubes are not bent or pressed down by heavy objects, etc.

※ If tubes are bent or pressed, water does not flow well and could cause problems.
5. Place the brine tubes as low as 7.8" (20cm) from the unit.
6. Adjust the tubes so that brine water may not splash around area.

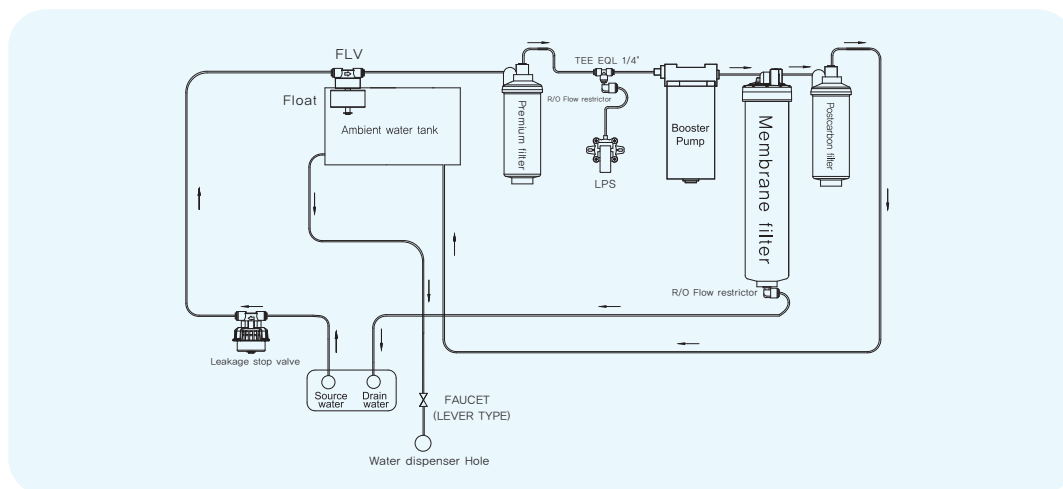
※ Brine water can easily be used to some other purposes, such as bathroom cleaning, house cleaning, laundering, washing, etc. Never use the brine water for drinking or cooking.
7. When installing more than one unit(water purifier, dishwasher, etc.), source water tube and brine water tube need to be independent for one another.

Installation method

1. Install the unit horizontally.
2. Shut off the water supply valve and separate the connector part of tap water in order to connect an adapter(source water valve). Then, connect the adapter(source water valve).

※ If a sealing rubber(packing) is missing or the thread of a screw is damaged, it may cause water leakage.
3. Connect the adapter (Source water valve) and a water inlet on the rear of the unit with a tube.
4. Connect the tube to brine on the back of the unit. And then, place tube to drain hole such as sink, toilet, etc.
5. Turn on the water supply valve connected to the house and position the adapter (Source water valve) on.
6. Check every connection part for leaks.
7. Supply power.
8. Check if water is supplied into the unit properly and if water is leaking.
9. After 1 hour from supplying the power, check if water is coming out by pressing the water taking lever.

Flow diagram



Filter functions

• Premium filter

This is carbon block filter of compressed molding at high temperature. It removes suspended matter, particles, etc in the water as well as chlorine, THMs, organic chemical etc. It helps to extend the life of the membrane filter.

• Membrane filter

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

• Post-carbon filter

It removes dissolved gases and odors to improve water taste.

Filter service life

Premium filter	Membrane filter	Post-carbon filter
6 months	24 months	6 months

※ Filter service life is not the filter warranty. This ideal filter service life is based on the use of 5.28G(20ℓ) per day.

※ Filter service life is varied depending on environment such as location, water conditions(quality, temperature), amount of water used and seasons(summer, winter).

※ You can take clean water by replacing filters according to the recommended filter service life.

Cautions during use

1. Refer to the voltage on the front page.
2. Keep the cord out of heavy traffic areas.
※ It can cause fire.
3. Never move the product while functioning
※ It can cause a malfunction.
4. Water storage tank can be contaminated with microbe from outside. Cleaning is recommended once a month.
※ We recommend that purified water be used as soon as possible.
5. Float cleaning is recommended every two months. After cleaning, put the float on the right position. (Carved “ 윗면” should be on the top.) And insert float cap until it makes gentle clacking sound.
※ If not, it can cause water overflow.
6. Make sure that lid of water tank is closed properly.
※ Improper alignment may allow pollutants and other insects to enter the water tank.
7. Plug out the power prior to cleaning inside and do not apply the water to the product directly.
※ An electric shock and fire may occur.
8. In case a product is not used for a long of period time, shut off the adapter (source water valve) and pull out the power plug. Do not touch the power plug with wet hands.
※ It can cause fire or electric shock.
9. In case if there is an abnormal sound, smell or smoke occurs, shut off water supply valve and contact our distributor.

| Troubleshooting

Symptoms	Checking points	No	Yes
When the display is not turned on and not operated.	Is the power plug inserted properly?	Insert the power plug into wall outlet properly.	Request a follow-up service when you still have problem as the power plug is inserted properly.
When ambient water is not served.	Is the tap water being supplied?	Wait until the tap water works with the product unplugged.	
	Is the adapter (source water valve) open?	Open the adapter(source water valve).	Request a follow-up service.



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