ICE BATH CHILLER

USER MANUAL

XY-08/10/20-OC/HC-PRO





v-11



CAUTION

1. Operators must be 18 years or older.
2. Avoid using the chiller with wet hands
3. Keep the power cord away from heavy objects, and do not run it under carpets.
4. Do not insert objects into the chiller's vents or openings.
5. Exercise caution around children, the elderly, and those with mobilityissues.
6. Always keep the chiller upright and on a stable, level surface; do not invert.
7. Install the chiller in well-ventilated areas(at least 100cm of clear space around vents for airflow),avoiding closets or cabinets and keeping vents clear of obstructions.
8. Do not disassemble or modify the chiller.
9. Avoid using in very humid or dusty conditions.
10. For electrical issues, contact authorized service personnel.
11. Keep pets and children away during operation.
12. Report any sign of damage,leaking, strange noises, smells. or performance issues immediately.
13. Disconnect power before maintenance or cleaning.
14. Avoid placing the chiller in direct sunlight or near heat sources.
15. Ensure the filter is installed when the chiller is working.
16. Regularly clean the water filter and dust net for optimal efficiency.
17. If the ambient temperature drops to 0°C(32°F), disconnect the pipes and open the drainer to FULLY drain all water from the chiller to prevent freezing damage.
18. Before turning on the chiller, please make sure there is enough water in the bathtub and all water pipes are connected properly. Otherwise, the idling of the water pump will generate noise and affect its service life.
19. Please don't extend the water hose, which may affect the water flow to reduce the cooling efficiency or make it hard to reach the target temperature.

Electricity is very dangerous; in order to prevent accidents or death, please pay attention to safety.

- During and after transportation, the chiller must stay upright on a stable surface at all times.
- After transportation and before use, the chiller must be left for 24 hours for the refrigeration gas to settle.
- Make sure the chiller is plugged into an AC socket or extension cable that is suitable for use.
- Ensure the chiller is kept dry at all times; do not immerse, splash or spray the unit with water. If the unit does get wet, unplug it immediately and do not use it.
- Never leave the chiller powered on when staying in the water; always ensure the unit is powered off during your cold water therapy session.
- If the chiller stops working or does not work when switched on, unplug it immediately and do not use it.
- We accept no responsibility for misuse or failure to use this equipment safely as instructed.
- Please make sure this machine must be grounded/earthed.
- Please don't forget to test the residual current circuit breaker (RCD) once a week at least. Don't use the machine any more if it has any problems with RCD.

- Ambient Temperature:1°C-45°C(34°F -113 °F).
- Storage Temperature(No water inside the chiller):-20°C-55°C(-4°F -131°F)
- Storage Relative Humidity: 20%-85%





Accessories


Filter & Built-in filter Wrench


Filter Elements


Water Pipes


Quick conversion connectors


Valves


Screwdriver


Sealing tape


Rubber Seals



User Manual

QUICK START GUIDE

1. Place the chiller on a stable surface near your bathtub
and make sure the chiller is at the same level as the bathtub.

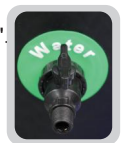


2. Install and ensure the filter lid on the top is 'hand tight'
The installation method refers to point 6 on page 8 of this manual.

3. Ensure the built-in filter is installed
The installation method refers to point 7 on page 8 of this manual.



4. Install the valves on the inlet and outlet of the bathtub and ensure the valves are 'hand tight'.



5. Connect both the inlet and outlet water pipes and ensure the valves are 'hand tight'
And then fill the bathtub with enough water. The water level in the bathtub should be
higher than the water level reference line on the chiller.

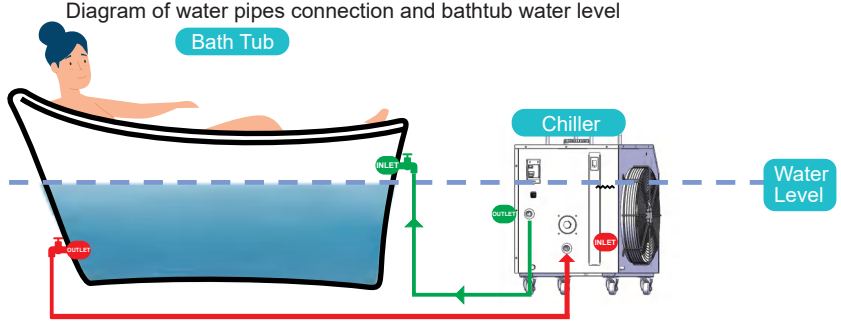
connect to the chiller



connect to the tub



Diagram of water pipes connection and bathtub water level



6. If the bathtub is short and the water level height can not reach the reference
line on the chiller, please open the lid on the top and fill the filter cup with water.

NOTE: Please be careful, water may come out from the filter up if the water
level is higher than the reference line.

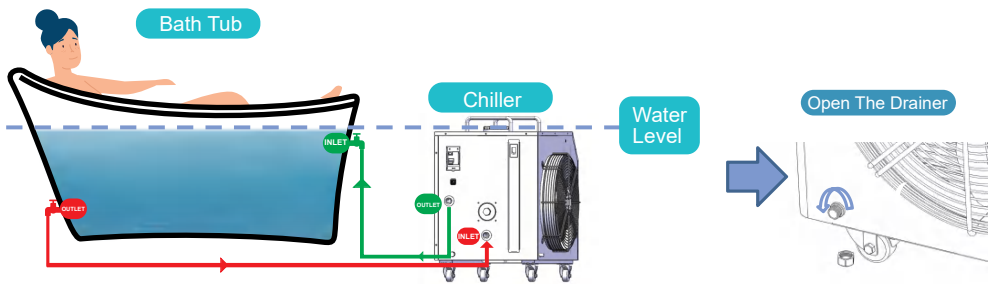


7. Plug in and switch on the chiller.
The chiller will start working.



8. Please check the 'water flow' on the control panel. When the chiller starts working,
the 'water flow' should be higher than 14L/min.

9. IMPORTANT: If both the bathtub inlet and outlet are below the water level, there might be
remaining air in the chiller, which impacts the 'water flow'. Please open the drainer to let the
water come out a little bit, and then the 'water flow' will be back to normal.



10. The built-in ozone sterilization system automatically starts to disinfect the water once in a while.

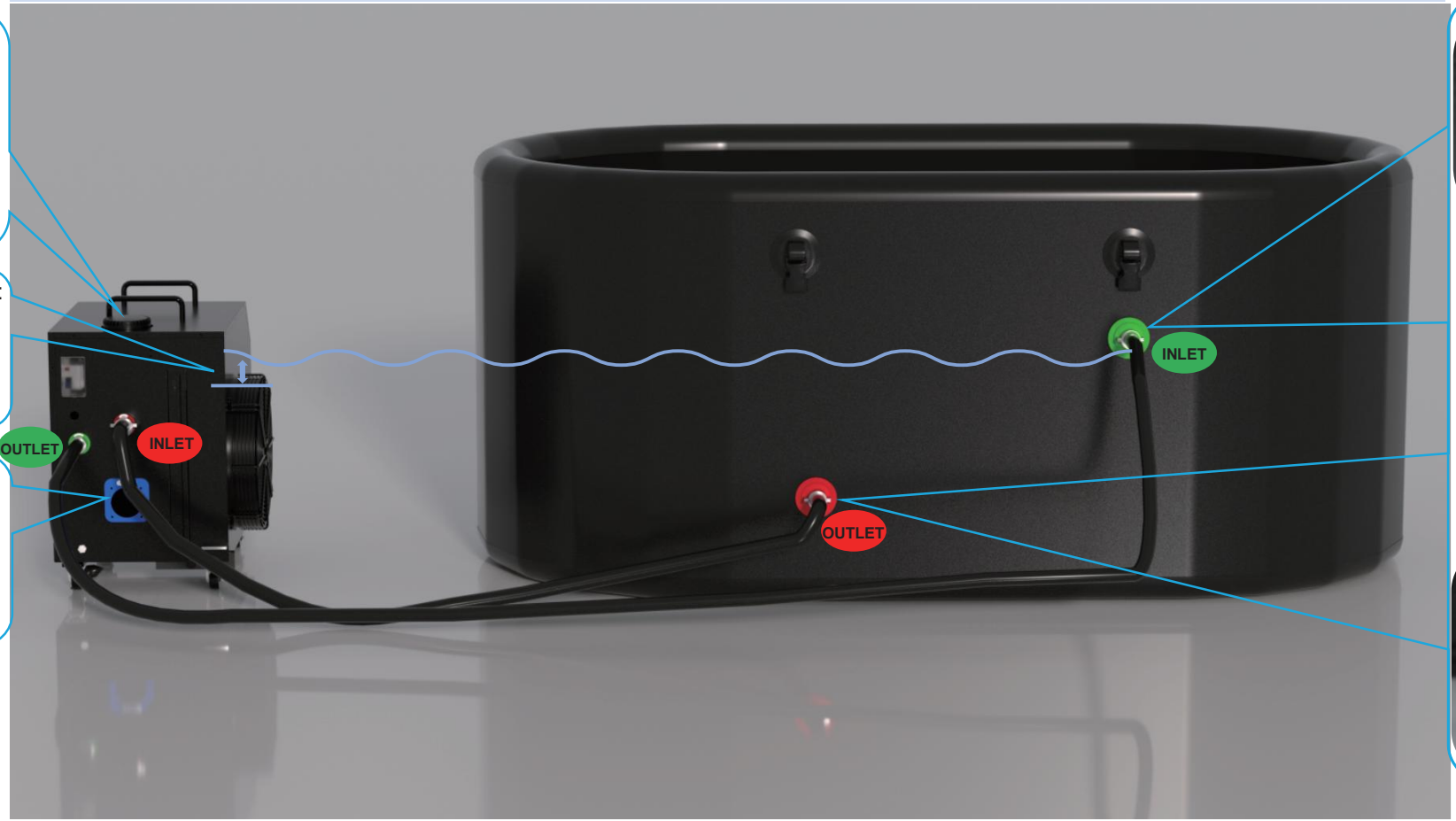
11. Once the desired temperature is reached, power off the chiller
before starting your cold water therapy session.

Water pipes connection and bathtub water level diagram

Make sure a clean paper filter element is installed before starting the chiller; Please power off the chiller when replacing the paper filter element.

Bathtub water level: higher than the reference line and slightly lower than the bathtub inlet.

The built-in filter needs to be cleaned once a month. Power off the chiller when cleaning.





Close the valves before replacing the paper filter element or cleaning the inner strainer, and open the valves after the operation is completed.
'+'colse,'ı'open.



NOTES: Before turning on the chiller, please make sure there is enough water in the bathtub and all water pipes are connected properly. Otherwise, the idling of the water pump will generate noise and affect its service life.



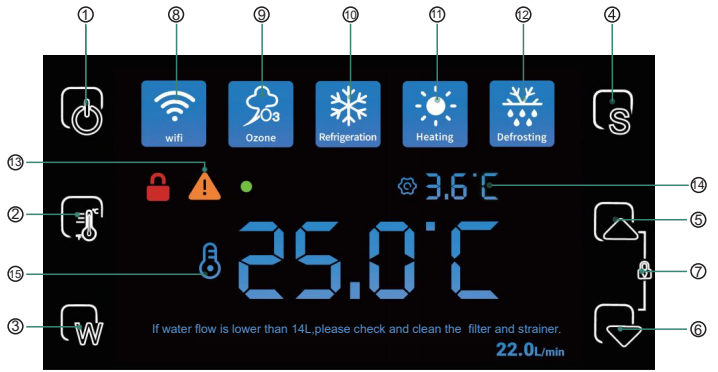
KEY SCREEN INTRODUCTION

Status Icons

The corresponding icon will only light up when the current function is turned on

- ❶Long press to power on or off.
- ❷Long press to switch temperature units: Fahrenheit/Celsius °C/°F
- ❸Long press to configure the network. The WIFI icon will blink during configuration, and the icon will remain steadily lit once network configuration is successful.
- ❹-Start temperature setting/confirm current temperature value.
  When setting the temperature, use ❺ and ❻ to adjust the target temperature value.
- ❺Move cursor up / Increase target temperature.(Max. 42°C)
- ❻Move the cursor down / Decrease target temperature. (MIN. 3°C)
- ❼When the target temperature is set lower than current water temperature, the chiller starts cooling automatically and the cooling ICON highlights.
- ❽When it is set higher, the chiller starts heating automatically and the heating ICON highlights.
- ❾The cooling-only chiller (OC model) does not start heating even the target temperature is set higher.

- Auto power setting: Press button ❷ then long press button ❸ select on/off
- Activate ozone sterilization:Press button ❸ then long press button ❷ Adjust the time using buttons ❺ and ❻ 0-5 min
- Remarks:❺❻ Press the up and down buttons at the same time to open the child lock, and press the up and down keys to unlock the child lock.



❶ TURN ON/OFF
❷ °C/°F
❸ WIFI
❹ Setting
❺ Up key move
❻ Down key move
❼ Locking
❽ WIFI ICON
❾ Ozone ICON
❿ Cooling ICON
⓫ Heating ICON
⓬ Defrosting ICON
⓭ Fault Warning
⓮ Target temperature
⓯ Current water temperature

ICE BATH CHILLER

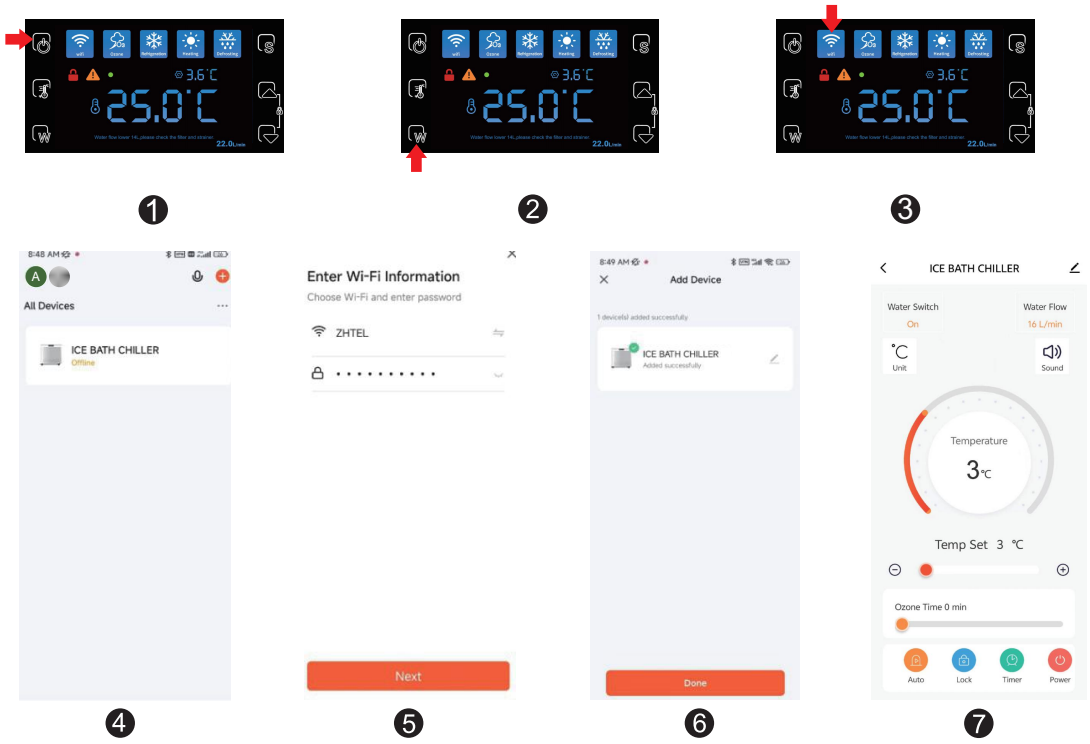
Mobile Application



WIFI DESCRIPTION

1. Turn on the chiller.
2. Click the settings key.
3. Press WiFi key for 5 seconds until the WiFi blinks
4. Turn on the Bluetooth and open the Tuya Smart App on your phone and select the chiller.
5. Select add device.
6. Turn on your phone's WiFi connection and enter password
7. Succeeded in adding a link,enter the App control panel.

NOTE:Tuya application can only support **2.4G**. Please make sure that both the chiller and your smart phone connects to **2.4G** wireless network.
Tuya Smart

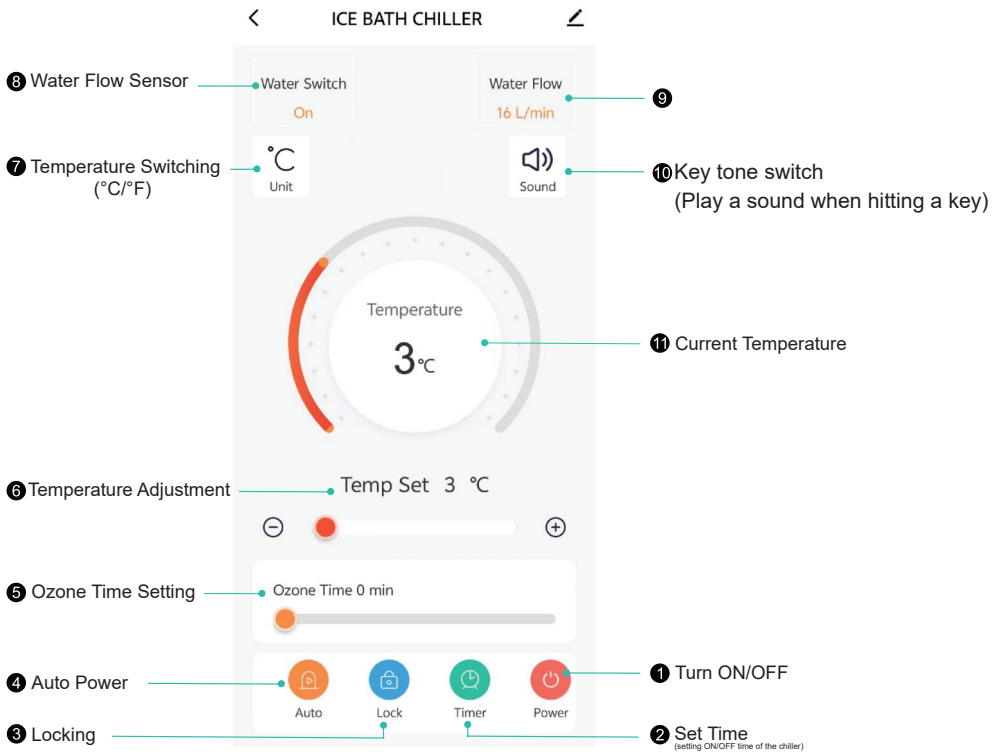




Tuya Smart interface Introductions

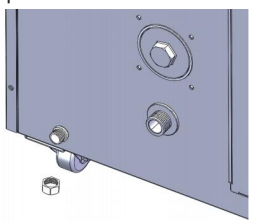
1. Turn on/off(Turn ON/OFF the chiller)
2. Timing on/off setting
3. Locking (panel lock/unlock)
4. Auto power setting ON/OFF
   When the Auto Power is ON, the chiller is turned on whenever there is electricity power supply.
5. Adjust the Ozone working time interval: 0 min (close) and max to 5 min
6. Temperature adjustment (3-42°C/37-108°F)
7. Temperature unit switching(°C/°F)
8. Water Flow Sensor
9. Water Flow
10. Key tone switch (ON/OFF)
11. Current Temperature

Water Flow



MAINTENANCE &CLEANING

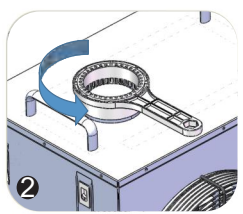
1. Never clean the chiller with strong bleach-based detergents.
2. Do not put corrosive disinfectants into the water, such as chlorine tablets.
3. Always disconnect it from the power supply before any maintenance or cleaning.
4. Never put the chiller outside in temperatures below 1°C when it has water inside.
5. in the following situations, it is necessary to open the drain outlet and empty the water inside the chiller.
   ①The machine is not used for a long time: To prevent the deterioration of the water inside.
   ②The ambient temperature is below 1℃: To prevent water from freezing and damaging the internal pipelines.



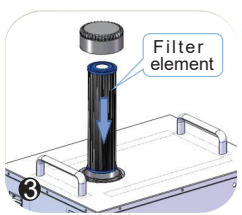
6. Replace the paper filter when it gets dirty or when a prompt for check the filter and strainer appears on the touch panel to ensure a normal water flow rate and optimal performance.



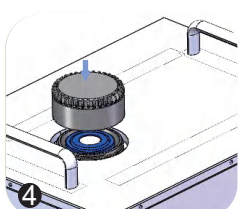
Close the valves of the inlet and outlet of the bathtub



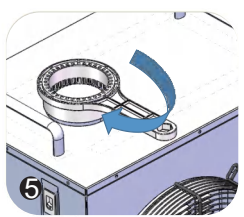
Open the lid with the wrench



Take out the old filter element



Putin a new filter element

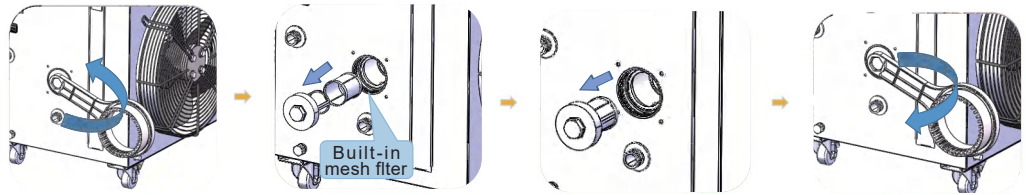


Close the lid and tighten with the wrench



Open the valves of the inlet and outlet of the bathtub

7. Check and clean the built-in filter when the water flow rate gets lower.
We recommend cleaning it every four weeks to ensure the water pump is working perfectly.



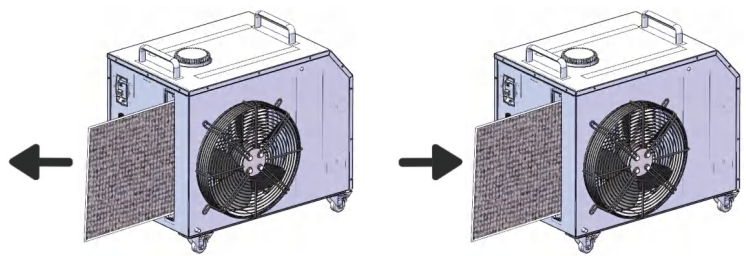
Open the lid with the wrench small side.

Take out the mesh filter and rinse it with water.

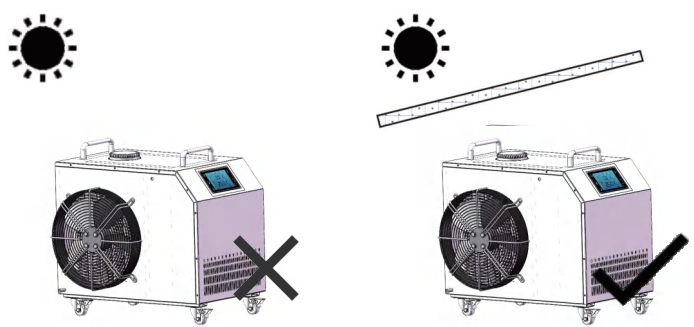
Put in a clean mesh flter.

Close the lid and tighten with the wrench small side.

8. Check and clean the dust net when the cooling/heating effciency gets lower.
We recommend cleaning it every three months to ensure the condenser is working perfectly.



9. Please do NOT place the device directly under the sun or in rain or snow; place the machine under a shelter.





Technical Data Sheet								
Horse Power	**0.8 HP**		**1.0 HP**			**2.0 HP**		
Model NO.	**XY-0.8-HC/OC-PRO**		**XY-10-HC/OC-PRO**			**XY-20-HC/OC-PRO**		
Power Supply	106-127V 60Hz	220-240V 50/60Hz	100V 50/60Hz	106-127V 60Hz	220-240V 50/60Hz	100V 50/60Hz	106-127V 60Hz	220-240V 50/60Hz
Input Power	890W	865W	1030W	1150W	1060W	1500W	1500W	1950W
Max Input Current	11.3A	5.8A	12.5A	12.8A	6.5A	15.6A	13.8A	10.5A
Cooling Capacity	2230W	2090W	2350W	2700W	2450W	3000W	3600W	5000W
Heating Capacity	2505W (HC)		2850W(HC)	3270W (HC)		3500W(HC)	4500W(HC)	5800W(HC)
Heating Function	Yes (HC)							
Cooling Function	Yes							
Refrigerant	R410A							
Water Temperature	3-42°C adjustable							
Ozone Disinfection	Yes							
Water filter	Multiple filtration system							
Remote control	iOS & Android APP,WIFI							
Transport wheels	Yes							
Carry handle	Yes							
Quick Connectors	Yes							
Net Weight	40KG		42.8KG			57.6kg		
Product Dimension	55*52*40.5CM		59*41.5*55CM			55*45*61.5CM		
Certification	**PSE、CE、SAA、IPX-4**							
Water Volume&Cooling Time (From 23 to 5°C Based on ambient temperature 28 °C-For your reference)	50L≤0.8H 100L≤1.7H 200L≥3.9H	50L≤1.2H 100L≤2.1H 200L≥4.2H	200L≤3.3H 300L≤4.9H 400L≤6.4H 500L≥7.1H	200L≤2.8H 300L≤4.3H 400L≤5.7H 500L≥6.5H	200L≤3.1H 300L≤4.7H 400L≤6.2H 500L≥6.9H	200L≤2.7H 300L≤3.6H 400L≤4.5H 500L≥5.1H	200L≤2.5H 300L≤3.3H 400L≤4.1H 500L≥4.6H	200L≤2.0H 300L≤2.8H 400L≤3.6H 500L≥4.1H
Main Features	Excellent Design with Low Noise.				Overloading protection.			
	Buit-in Circulating Pump.				4.3-inch TFT color screen			
	Water and Electricity Separating System.				24v DC water pump.			
	Leakage Protection System for Electricity.				Max. Cooling Capacity in Specified Spaces.			
	Buit-in ozone generator and water filter.				Suitable For Indoor and Outdoor Cooling and Heating.			
	WIFI Connection, Remote Control by iOS & Android APP.				Excellent value, priced to be as affordable as possible.			
	Easy to Install,including hosepipe with quick connector				Manufactured with the high quality materials and components that can work under 24h x7.			
	Automatic Start-stop and Constant Temperature System.							





NOTES:

① Leakage protector: It needs to be disconnected (switch to OFF) when replacing the paper filter element or cleaning the built-in filter.

② Drainer: When the machine is not used for a long time, or the storage environment temperature is less than 1℃, the drain outlet needs to be opened to empty the water inside the machine.

③ Paper filter: Before starting the chiller, please make sure a clean paper filter element has been installed. When there is a water flow failure or the water flow is less than 14L/min, please check whether the paper filter element is dirty. If so, please replace it with a new one.

④ Built-in filter: Clean it once a month. When there is a water flow failure or the water flow is less than 14L/min, please check whether the built-in filter net is dirty. If so, rinse it with clean water.

⑤ Dust-proof net: Clean the dust-proof net every three months.

