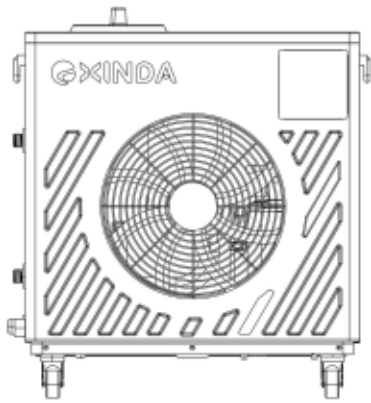
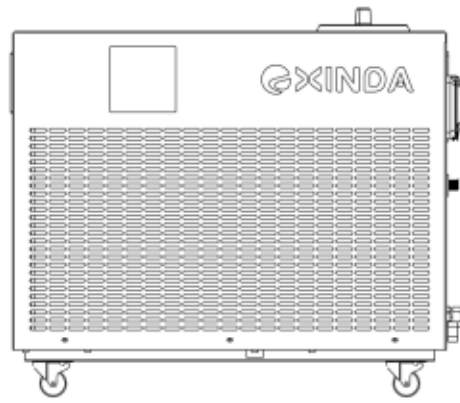


ICE BATH CHILLER

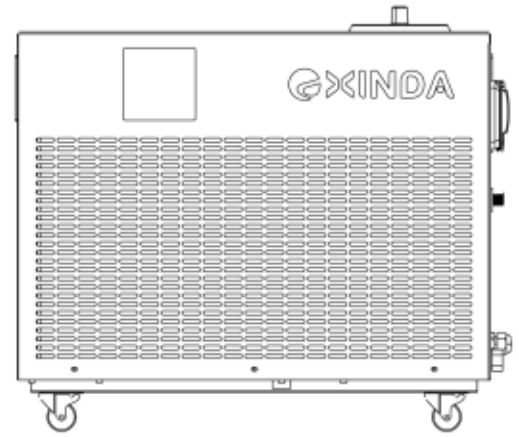
User Manual



1/2HP



1HP



1.5HP

Thank you for choosing our products. Please read the instruction manual before use so that you can use it properly.

Urgent Notice

When first receiving the chiller AND anytime the chiller is moved without keeping the unit level, you MUST let the chiller remain upright for at least 2 hours before plugging it in. Failure to do so will result in chiller damage.

Warning



- ① Do not install the unit in a location where there may be flammable gas.
 - ② If there is flammable gas around the unit, it will cause explosion. According to the instruction to carry out drainage system and pipeline work. If drainage system or pipeline is defective, water leakage will occur. And it should be disposed immediately to prevent other household products from getting wet and damage.
 - ③ Do not clean the unit while power is on. Turn off power before cleaning the unit. If not it may result in injury from a high-speed fan or electric shock.
 - ④ Stop operating the unit once there is a problem or an fault code. Please turn off power and stop running the unit. Otherwise it may cause electric shock or fire.
 - ⑤ Be careful when the unit is not packed or not installed. Pay attention to sharp edges and fins of heat exchanger.
 - ⑥ After installation or repair, please confirm refrigerant is not leaking. If refrigerant is not enough, the unit will not work properly.
 - ⑦ The installation of external unit must be flat and firm. Avoid abnormal vibration and noise.
 - ⑧ Don't put your fingers into fan and evaporator as the High speed running fan will result in serious injury.
 - ⑨ This device is not designed for people who is physically or mentally weak (including children) and who does not have experience and knowledge of heating and cooling system. Unless it is used under direction and supervision of professional technician, or has received training on the using of this unit.
- Children must use it under supervision of an adult to ensure that they use the unit safely. If power wire is damaged, it must be replaced by a professional technician to avoid danger.

ELECTRICAL WARNING



ELECTRICITY IS VERY DANGEROUS, IN ORDER TO PREVENT ACCIDENTS OR DEATH PLEASE PAY ATTENTION TO SAFETY, AND ENSURE YOU HAVE FULLY READ ALL THE WARNINGS AND THE INSTRUCTION MANUAL BEFORE USE.

During and after transportation, the chiller unit must stay upright on a stable surface at all times. After transportation, and before use, the chiller must be left for 24hrs for the refrigeration gas to settle.

Make sure there are no water leaks from the chiller unit, or inlet and outlet pipes when connected to your ice bath.

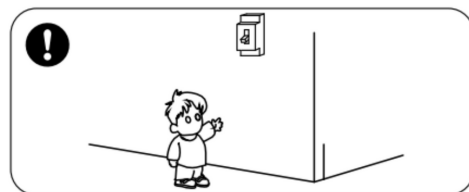
Make sure the chiller unit is plugged into an AC socket or extension cable that is suitable for use, properly grounded, has a built in surge protector and preferably is IP65 rated.

NEVER leave the chiller unit switched on when using your ice bath, always ensure the chiller unit is switched off during your cold water therapy session.

Attention

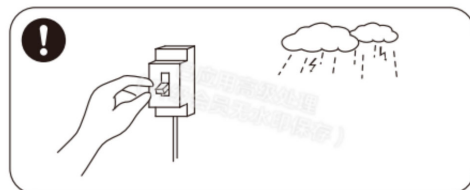


a. Please keep the main power supply switch far away from the children.

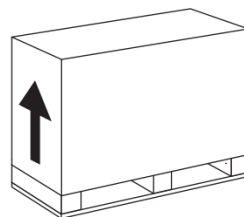


b. When a power cut happens during operation, and later the power is restored, the chiller will start up.

c. Please switch off the main power supply in lightning and storm weather to prevent from machine damage caused by lightning;



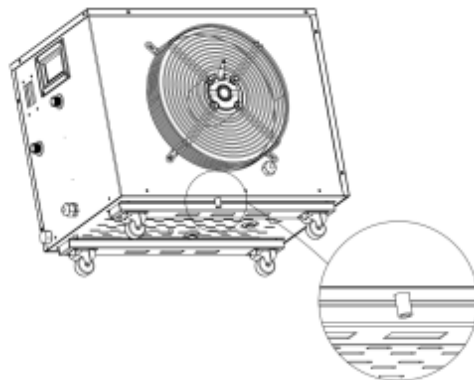
d. Safety inspection must be carried out and plug-out before the maintenance or repair for chiller with R32 gas in order to minimize the risk.



e. Always keep upright

f. Condensation water

When the machine is running, there will be condensation water discharged from the bottom hold, please pay attention of it and do not worry.

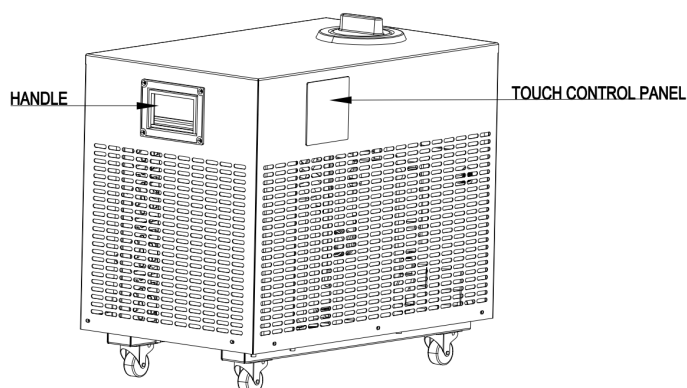
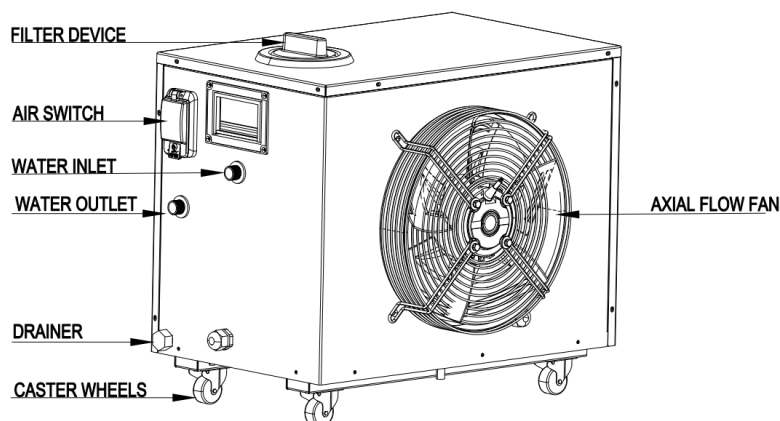


Statement

To keep users under safe working condition and property safety, please follow the instructions below:

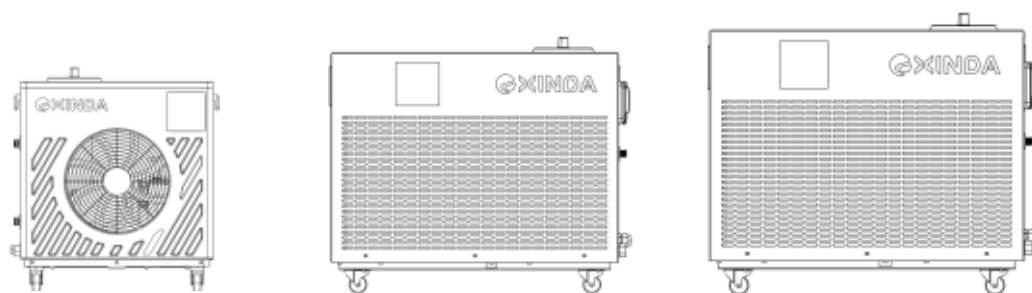
- ① Wrong operation may result in injury or damage;
- ② Please install the unit in compliance with local laws, regulations and standards;
- ③ Confirm power voltage and frequency;
- ④ The unit is only used with grounding sockets;
- ⑤ Independent switch must be offered with the unit.

1. Over View of Chiller



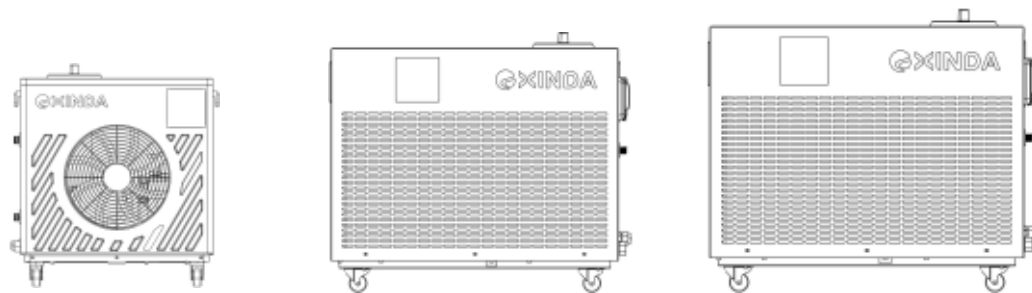
2.Product information

2.1 EU standard



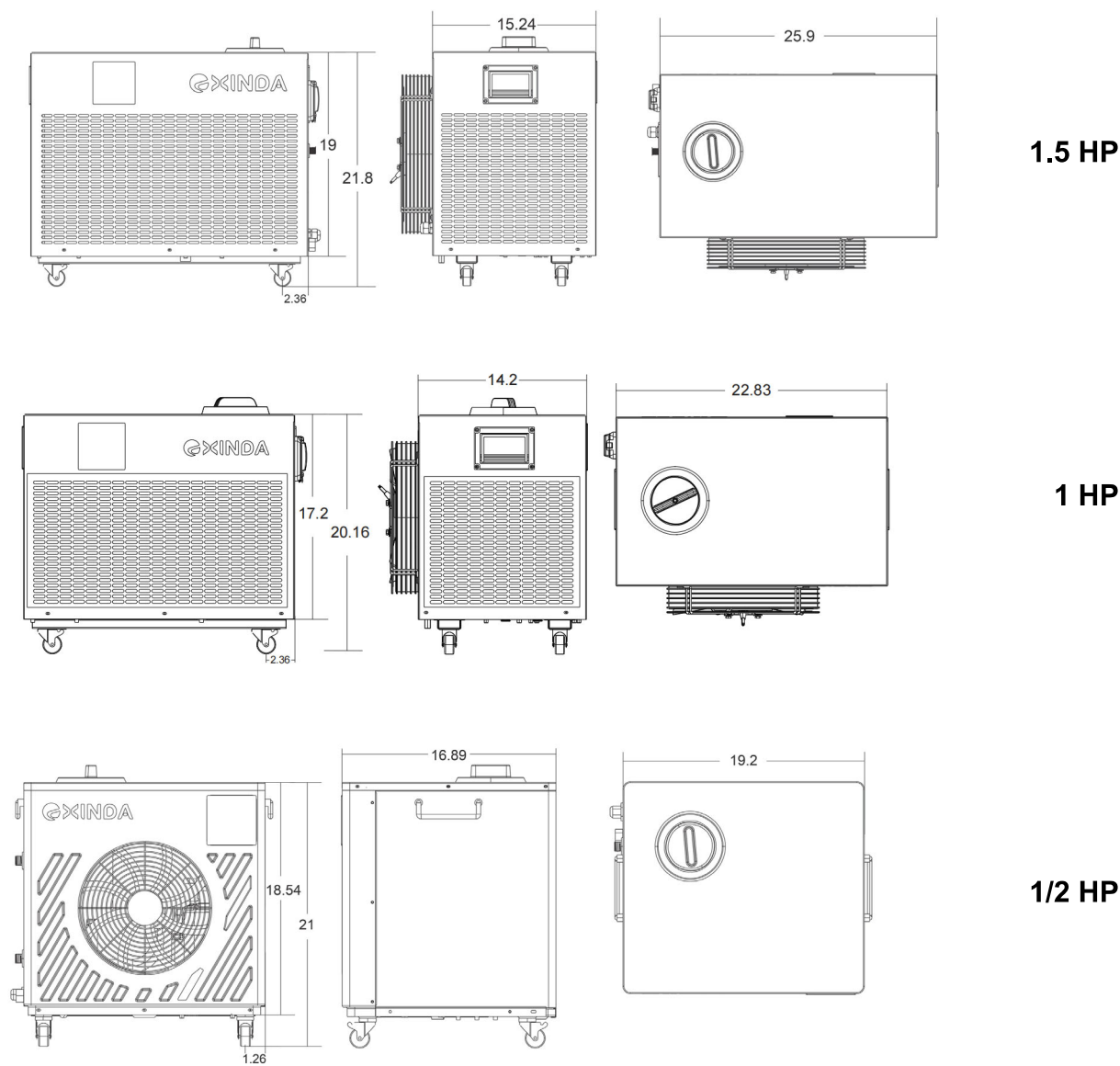
Model	Phobya Durchlaufkühler 1/2 HP	FBMDHC12B1V3U7	FBMDHC32B1V3U7
Cooling capacity	1/2 HP 1840W	1 HP 2650W	1.5HP 3700W
Heating capacity	/	/	5200W
Rated Input Power	780W	1030W	1310W
Max Circuit Breaker/Amp	10	12	15
Operation Mode	Cooling only	Cooling only	Heating & Cooling
Refrigerant (Type / Amount)	R32/0.28kg	R32/0.36kg	R32/0.71kg
Disinfection	Built-in Ozone generator		
Micro water filter	Built-in 20um Micro water filter		
WiFi remote control	IOS & Android		
Power supply	220-240V~ 1Ph 50Hz		
Operation range	2-43 °C		
Water outlet temp.	3-32 °C		3-40 °C
Circulation pump	Built-in water pump		
Plug-in	RCD plug-in		
Casing type	Galvanized metal - corrosion resistance		
Water hose	2 hose, 1.5m length each. 1/2inch threaded connection		
Washable filter	40um washer filter		
Carry handler	Yes		
Sound Pressure 1m	49dBA	51dBA	53dBA
Product size	493x437x530 mm	580x415x550 mm	660x460x590mm
Net weight	33kg	43.5kg	50kg
Certification	CE approved		
Warranty	2 years for whole unit and 10 years for compressor		

2.2 North America standard

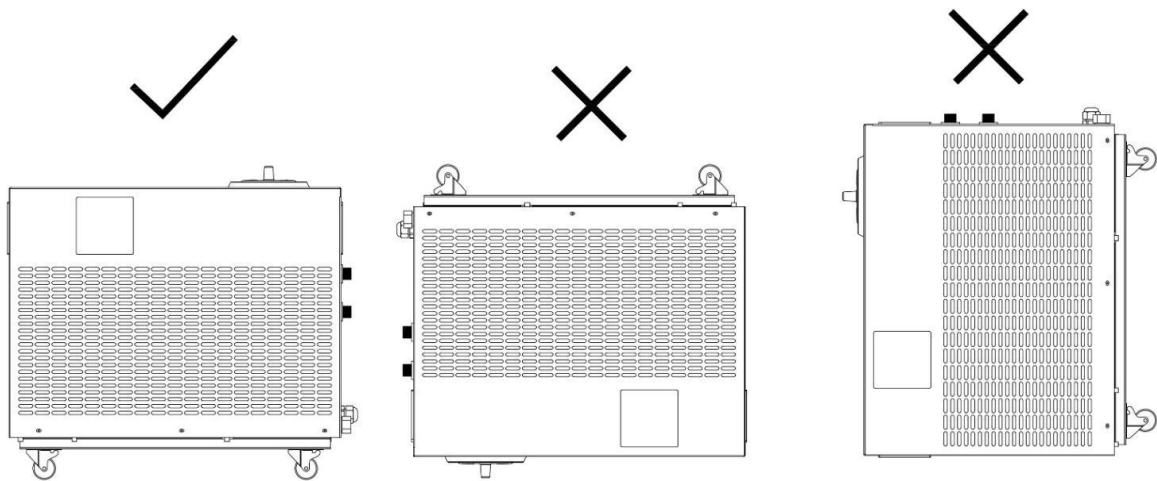


Model	FBMDHC22B1V3U7U	FBMDHC12B1V3U7U	FBMDHC32B1V3U7U
Cooling capacity	1/2 HP 5868BTU	1 HP 9553BTU	1.5HP 12900BTU
Heating capacity	/	/	17742BTU
Rated Input Power	870W	1000W	1300W
Max Circuit Breaker/Amp	10	12	15
Operation Mode	Cooling only	Cooling only	Heating & Cooling
Refrigerant (Type / Amount)	R32/9.88oz	R32/12.7oz	R32/25oz
Disinfection	Built-in Ozone generator		
Micro water filter	Built-in 20um Micro water filter		
WiFi remote control	IOS & Android		
Power supply	110-120V~ 1Ph 60Hz		
Operation range	35.6°F-109.4°F		
Water outlet temp.	37.4°F~89.6°F		37.4°F~104°F
Circulation pump	Built-in water pump		
Plug-in	GFCI plug-in		
Casing type	Galvanized metal - corrosion resistance		
Water hose	2 hose, 1.5m length each. 1/2inch threaded connection		
Washable filter	40um washer filter		
Carry handler	Yes		
Sound Pressure 1m	49dBA	51dBA	53dBA
Product size	19 x17.2x20.8 in	22.83x16.53x21.65 in	25.9x18.1x23.2 in
Net weight	73lbs	96lbs	110lbs
Certification	CSA UL approved		
Warranty	2 years for whole unit and 10 years for compressor		

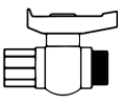
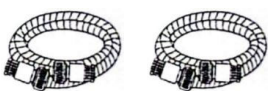
2.3 Dimensions (in) of the Unit



When storing or moving the chiller, the chiller should be at the upright position

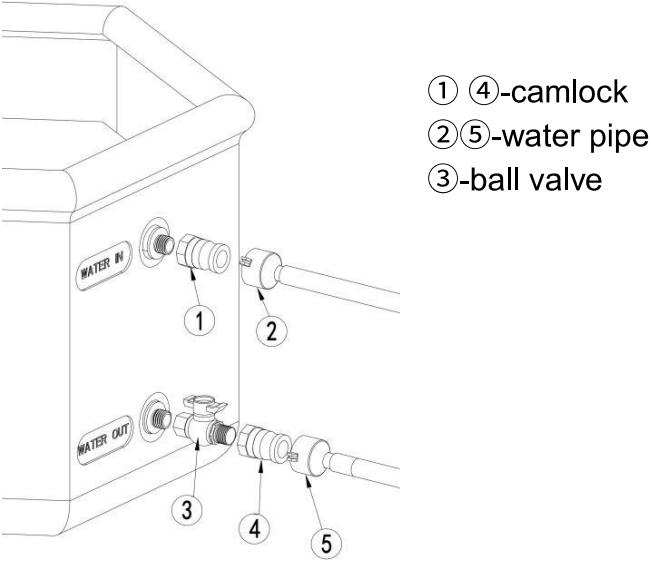
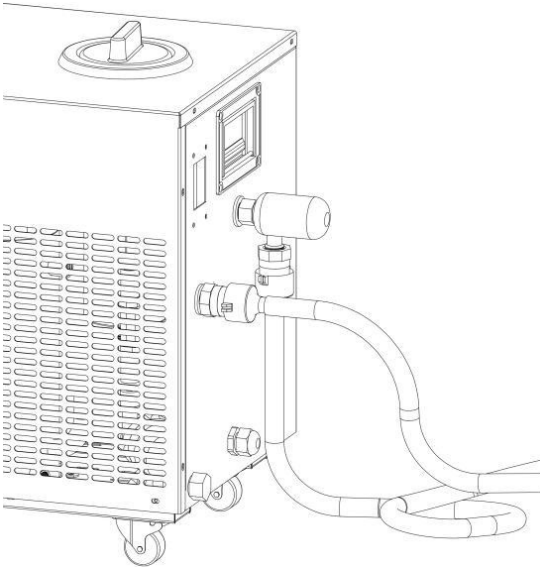


2.4 Accessories Details

NO.	Components	Quantity	Appearance
1	40um-Washable Filter	1 pc	
2	Water Pipe Adaptor	2 pcs	
3	Camlock adaptors	4 pcs	
4	Teflon Tape	1 pc	
5	Ball Valve	1 pc	
6	Inlet and Outlet Water Pipe	2 pcs	

3. Quick install the chiller

NOTE: before connect the chiller and the tub. Please place them on the same level.
And wrap all threaded male heads with Teflon tape at least **10 turns**.
Connect the chiller as show below.
After connection, a complete installation diagram will be shown in Figure ③ or Figure ④ below.



- Make sure all the connection are “hand tight” to avoid air leakage
- Make sure the water level in the tub is higher then the water inlet of the unit
 -

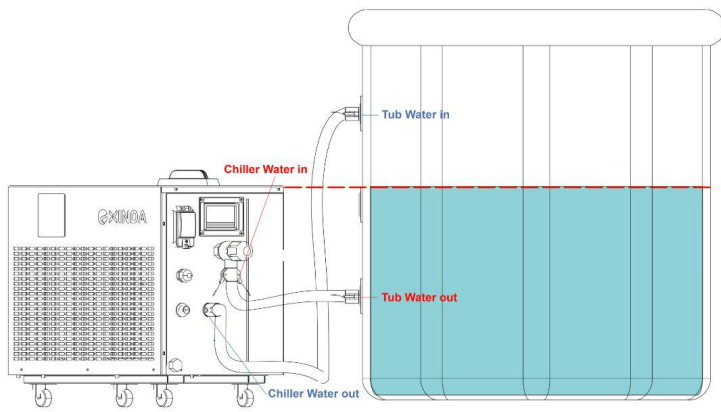


Figure ③

If install like Figure ③

Step 1: **Position the Chiller Below the Water Line**

Place the Chiller lower than the cold plunge tub or reservoir. To let gravity feed water into the pump and ensures smooth operation.

Step 2: **Correct Connect the Tubing hose**

Chiller water outlet connect tub water inlet
Chiller water inlet connect tub water outlet

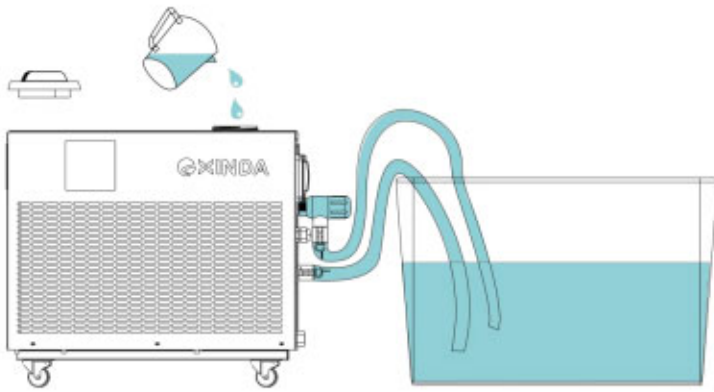


Figure ④

If install like Figure ④

Step 1: **Fill the System with Water**

Before powering on the chiller:

Use a watering can, pitcher, or other bottoms to fill the water into the top fill manually.

Step 2: **Submerge the Inlet Hose**

Once the filtration is filled:

Submerge the inlet hose into the tub (make sure it stays under water).

Ensure there are no air gaps or kinks in the line.

Note:

Water flowing with steady bubbles – system is working correctly with chiller water pump On:
If not, repeated manual filling of filtration until the pump holds a steady prime.

4. Power On the chiller

- Plug in and switch on the chiller. The chiller will start working
- The water pump will startup first, water flow will come out from the inlet port of the tub quickly.
- About 30 seconds later, the fans will startup, and then the compressor startup.
- If the water pump is not working normally, the water flow will be very small. That may be caused by improper installation. Please check that all connectiong components have been “hand tight”
- Also, you can open the lid on the top the unit and fill the filter cup with water to quick start the unit.

5. CONTROLLER OPERATION GUIDANCE

5.1 LED controller:



NO.	Item	Icon	NO.	Item	Icon
1	Function		8	W i-Fi	
2	Timer		9	Defrosting	
3	“+”		10	Alarm	
4	“-”		11	Lock	
5	ON/OFF		12	Cooling mode	
6	Disinfection		13	Real-time clock	
7	Fan motor				

5.2 Key Operating Instruction

1	ON/OFF	Short press to turn on/off the unit.	4	Disinfection Function	Long Press for 3 seconds to start disinfection function, display. Long Press for 3 seconds again to stop disinfection function, disappear. Also the disinfection function will stop automatically after 20 mins if it not stopped manually.
2	Lock/Unlock	Screen will lock automatically after 60 seconds of no-operation. display Press for 3 seconds for unlock. disappear.	5	Time setting	Long Press for 3 seconds to entry time setting. Hours and minutes will flash. Short press to select hours (hours will flash only). Press or to adjust hour. Short press again to select minutes (minutes will flash only). Press or to adjust minutes. Short press again to confirm the time setting and back to the setting interface. Short Press to save time settings and return to main interface. Settings will save automatically and return to main interface after 30 seconds of no-operation.
3	Temperature Setting	Short press or to adjust the target temperature. Settings will be saved automatically after 30 seconds of no-operation. Once the target temperature is reached, the unit will enter standby mode and the fan and compressor will stop running. The water pump continues to circulating water, and when the water temperature rises more than 3 ° C above the target temperature, the fan and compressor will restart.			

6. Maintenance and Anti-freezing

WARNING : Before undertaking maintenance work on the unit, ensure that you have disconnected the electrical power supply.

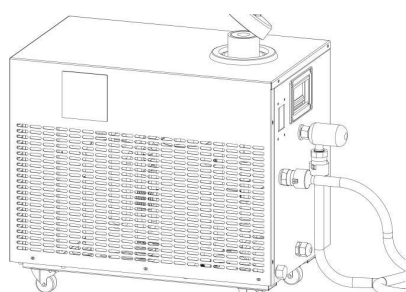
- Never clean the chiller with strong bleach-based detergents.
- Do not put corrosive disinfectants into the water, such as chlorine tablets.
- Check and clean the built-in filter when the water flow rate gets lower.
- We recommend to replace the filter per month to ensure the water pump is working perfectly
- Never put the chiller outside in temperatures below 1°C when it has water inside.
- In the following situations, it is necessary to open the drain outlet and empty the water inside the chiller:
 - i. The machine is not used for a long time, to prevent the deterioration of the water inside.
 - ii. The ambient temperature is below 1°C, to prevent the freezing water and damaging the internal pipelines.



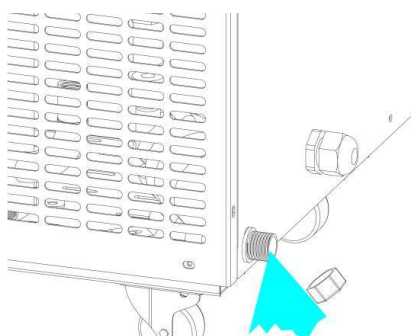
!!Important:

To prevent the machine from being damaged due to water pipe freezing and cracking in winter, please drain the water completely when the temperature is below 1 °C in winter

6.1 Filter replacement



6.2 Anti-freezing



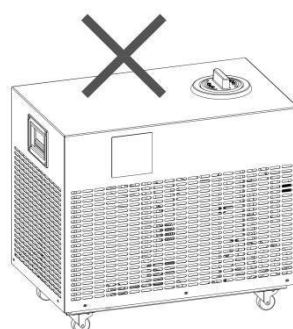
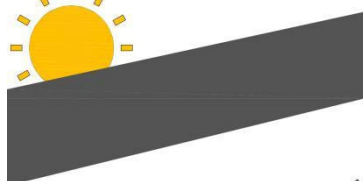
Cold Weather Operation

In winter season when you don't swim:

- a. Cut off power supply to prevent any machine damage.
- b. Drain water clear of the machine.
- c. Cover the machine body when not in use.
- d. Please clean this machine with household detergents or clean water, NEVER use gasoline, thinners or any similar fuel.
- e. Check bolts, cables and connections regularly.
- f. If repair or scrap is required, please contact authorized service center nearby.
- g. Do not attempt to work on the equipment by yourself. Improper operation may cause danger.

6.3 Keep in shelter

Please keep the unit under a cover to avoid direct sunlight or rain or snow



7. Wi-Fi Settings

Network Requirements

- ☐ 2.4GHz Wi-Fi network
- ☐ WPA2security minimum Stable
- ☐ internet connection Router within 50
- ☐ feet Mobile device iOS 12+ or
- ☐ Android 8+

7.1 Software Installation

① Method 1: Search "Smart life" in the APP store , and then install it.



② Method 2: Scan the QR code below.



For IOS and Android Users

7.2 Software Startup

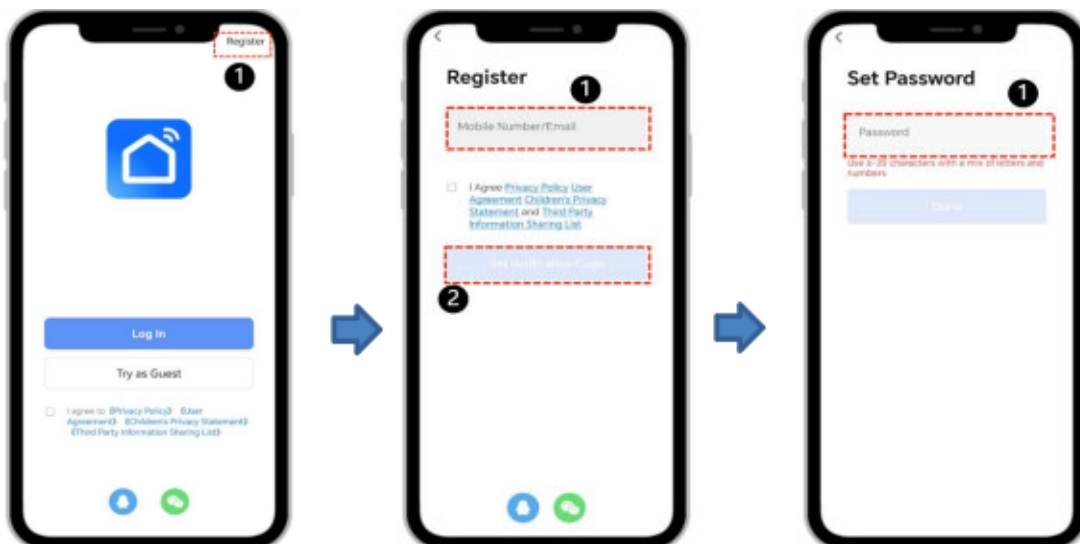
After installation, click  on your desktop to start up Smart Life.

7.3 Software Registration and Configuration

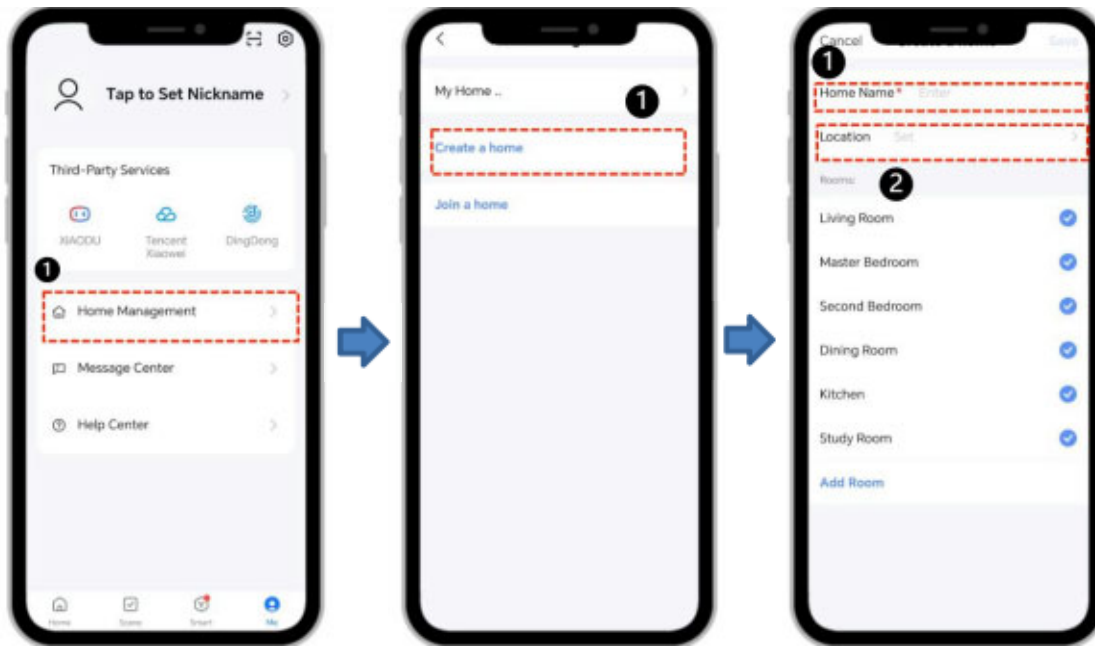
7.3.1 Registration

① Users don't have account can click "Register" to create an account:

Register ➡ Enter your phone number ➡ Get Verification Code ➡ Enter Verification Code ➡ Set Code

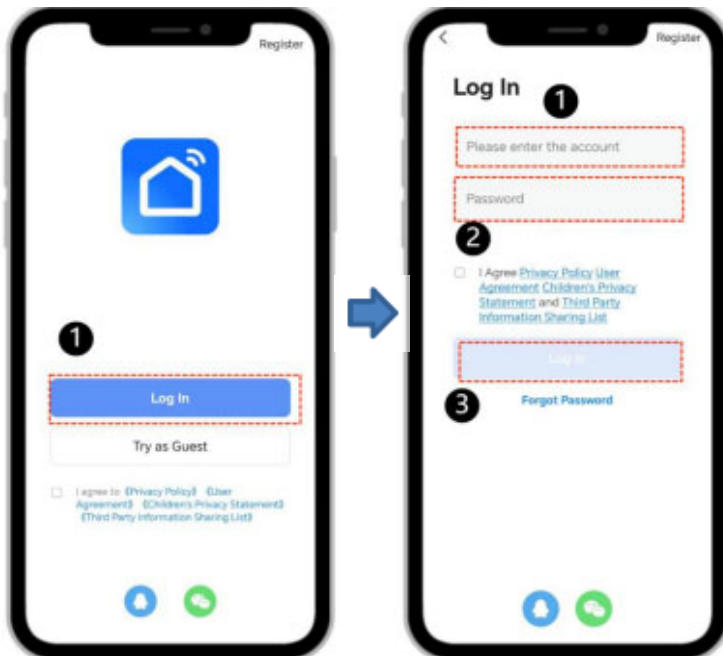


- ② After registration, you need to Create a Home: Create a Home ➡ Set Home Name ➡ SetHomeLocation ➡ AddRooms.

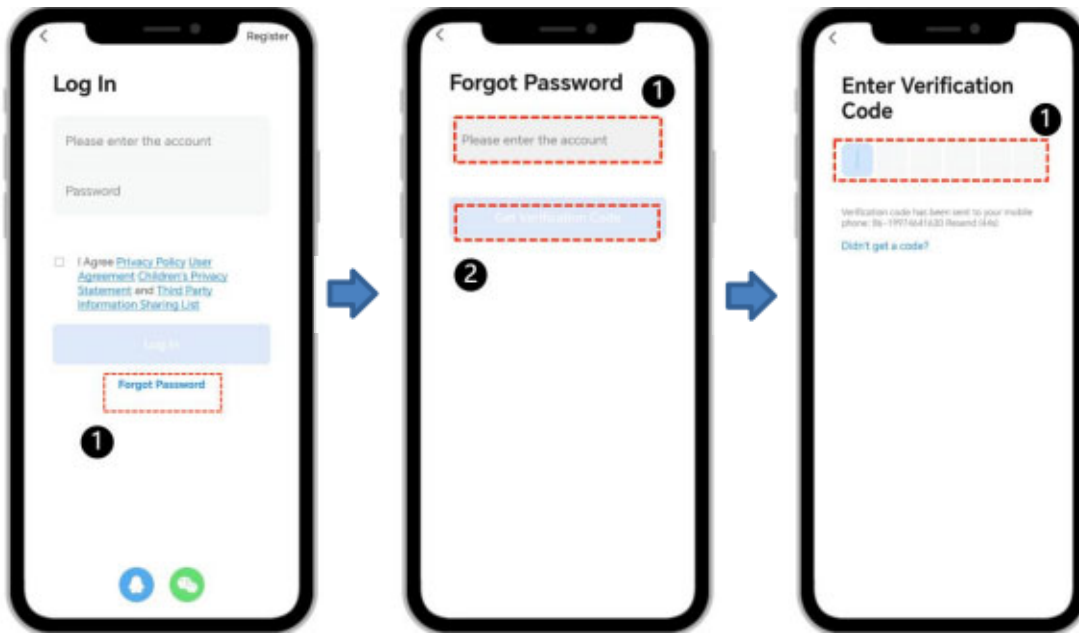


7.3.2 Account ID+ Password Login

- ① Existing accounts can be logged in directly, in the following order.



② If you forget your password you can choose to login with your verification code and select "Forgot Password": Enter your phone number ➡ Get verification code.



③After creating a home or logged in, enter the main interface of APP

Note:

Click the device to check the status, and you can set the operating mode, ON/OFF, timer. Click “+” to add devices.

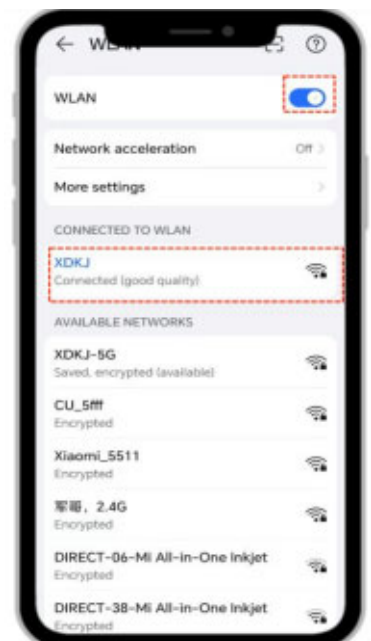
7.3.3 Wi-Fi Module configuration steps:

Step 1:

EZ Mode: When power is on, press and hold the  and  keys at the same time for 3 seconds to enter the distribution network. The  icon will flash rapidly;

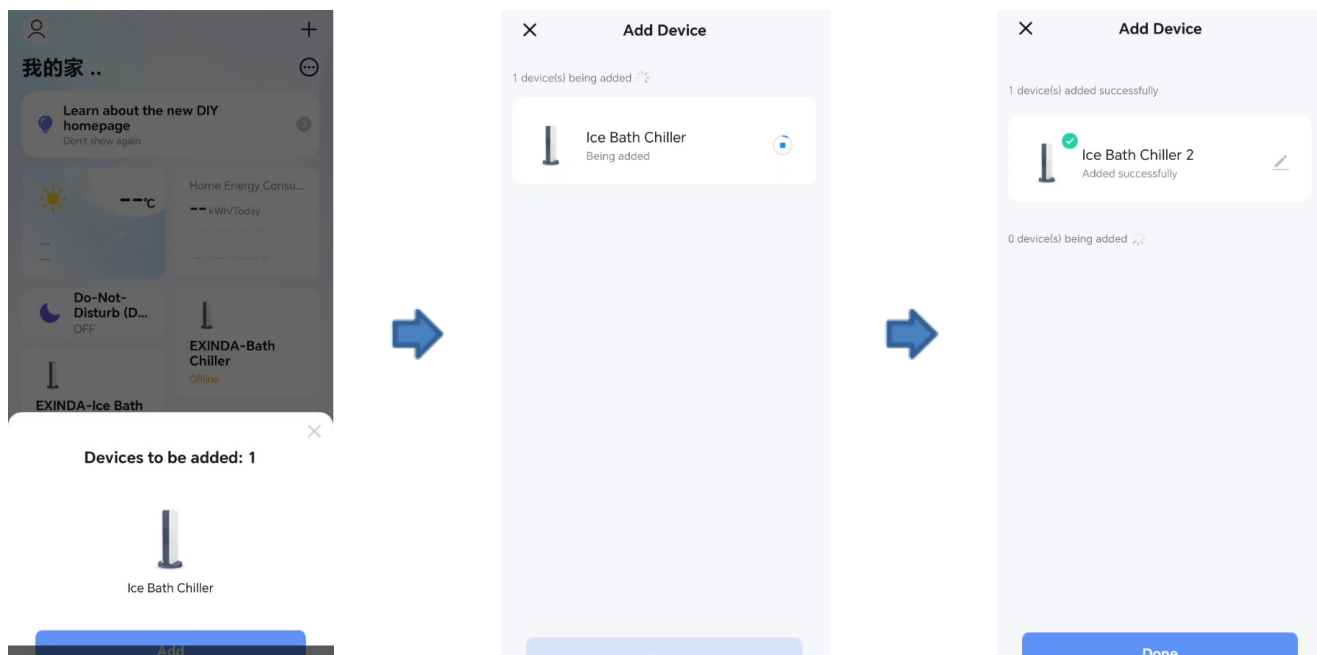
Step 2:

Turn on the phone's Wi-Fi function and connect to the Wi-Fi hot-spot. The Wi-Fi hot-spot must be able to connect to the Internet normally;



Step 3:

Open the "smart life" APP, log in into the main interface, click equipment of the interface, enter the equipment type select "Ice Bath Chiller" equipment and add equipment into the interface.



7.4 Software Function Operation

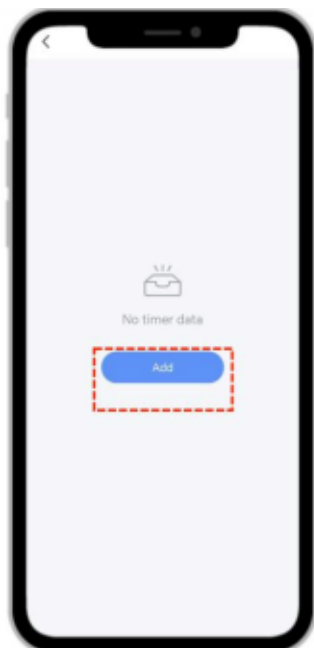
- After the device is bound successfully, enter the operation interface of "Ice Bath Chiller" (Device name, modifiable)
- In the main interface of "Smart Life", click "Ice Bath Chiller" to enter the operation interface.



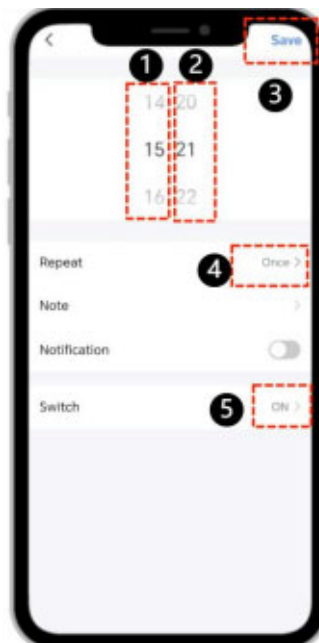
- ① Back
- ② More: You can change device name, select device installation location, check networking status, add Shared users, create device cluster, view device information, and more.
- ③ Setting temp. adjustment: The circle slides counterclockwise to reduce the temp.,but clockwise to increase the temp.
- ④ Target temp.
- ⑤ Current temp.
- ⑥ ON/OFF
- ⑦ Mode switching: Click to select the mode to be switched. (as this cooling system is specifically designed for cooling and does not support heating function, so the Mode switching function is not activated)
- ⑧ Timing: Click to add timing off/on time.

• Timer setting

Click "🕒" icon on the main interface to enter timer setting interface, as shown below, click to add timer.



After entering timer setting, swipe up/down to set timer, set up repeat weeks and on/off, then click "save" to save your settings as follows.



- ① Hours
- ② Minutes
- ③ Set the repetition
- ④ Set power ON/OFF
- ⑤ Save your modification

7.5 Device Removal

Click "✏️" on the top-right corner of the main interface to enter the device details interface, and click "device removal" to enter EZ mode. Indicator light under "✏️" flashes rapidly for 3min, the network can be reconfigured within 3 minutes, and the network can be quit if it is not connected within 3 minutes. The specific operations are shown as follows

