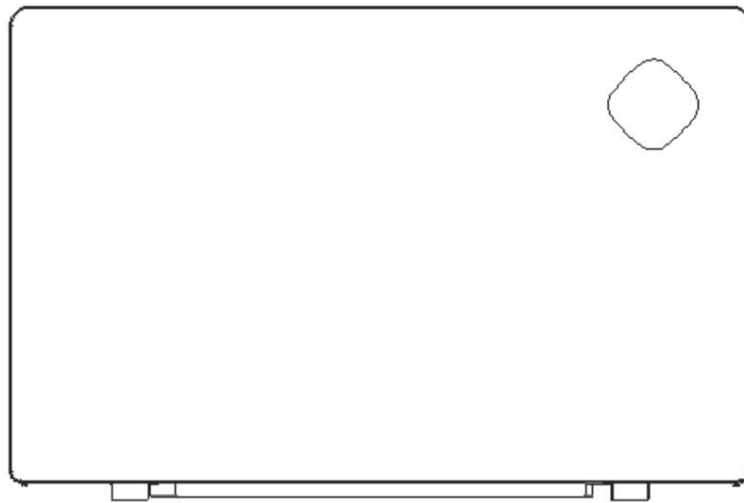




MR. SILENCE 30+

INVERPAD TURBO POOL HEAT PUMP



USER MANUAL

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A. Preface

Thank you for choosing our inverter pool heat pump, designed for quieter and more energy-efficient operation. It's an ideal way to heat your pool sustainably.

We hope you enjoy using our heat pumps.

Thank you!



Warning, flammable material



Read the operating instructions



User manual, operating instructions



Maintenance indicator, read technical manual

B. Safety precautions

Important safety information can be found in this manual and on your heat pump. Please always read and follow all safety instructions.

This heat pump uses the environmentally friendly refrigerant R290.

1. Warning



The **WARNING** symbol indicates a hazard. It draws attention to a procedure, practice, or similar activity that, if not carried out or followed correctly, could lead to injury to people or third parties. These symbols are rare, but extremely important.

	a. Keep the heat pump away from sources of fire.
	b. It must be set up in a well-ventilated area; a covered or enclosed space. This area is not permitted.
	c. Repair and disposal must be carried out by trained service personnel.
	d. Vacuum completely before welding. Welding may only be carried out by qualified service personnel. The center will be used.

2. Attention

- a. Please read the following instructions before installation, use and maintenance.
- b. Installation must only be carried out by qualified personnel in accordance with these instructions.
- c. A leak test must be carried out after installation.
- d. Do not use any methods other than those recommended by the manufacturer to defrost the product.
to speed up or to clean the frozen parts.
- e. If a repair is required, please contact the nearest customer service center.
Repairs must be carried out in strict accordance with the manual. Any repairs by
It is forbidden for non-professionals.
- f. Set the correct temperature to achieve a comfortable water temperature and avoid overheating or undercooling.
to avoid.
- g. Please do not stack any materials that block the airflow near the inlet or outlet area, as this will otherwise...
The efficiency of the heat pump is reduced or even stopped.
- h. Do not use or store flammable gases or liquids such as thinners, paints, and fuels to start fires
avoid.
- i. To optimize the heating effect, please install thermal insulation on the pipes between
Swimming pool and heat pump, and use a recommended cover for the swimming pool.
- j. The connecting pipes between the swimming pool and the heat pump should be ≥ 10 m long.
- k. This device can only be installed outdoors.
- l. This device can only be connected to a power source using a single complete cable.
- m. This device contains fluorinated greenhouse gases.

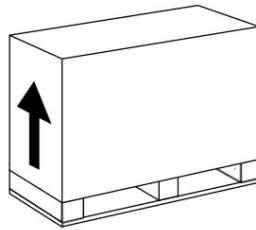
3. Safety

- a. Please keep the main power switch away from children.
- b. If a power outage occurs during operation and the power supply is later restored, the Heat pump on.
- c. Please switch off the power supply during thunderstorms to avoid damage to the machine from lightning strikes.
- d. Installation and any necessary repairs should be carried out in a well-ventilated room. During the
An ignition source is prohibited in the workplace.
- e. A safety check must be carried out before servicing or repairing heat pumps using R290 gas.
to minimize the risk.
- f. If R290 gas leaks during installation, all work must be stopped immediately and customer service contacted.
be called.

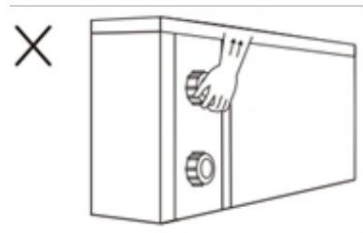
C. About your heat pump

1. Transport

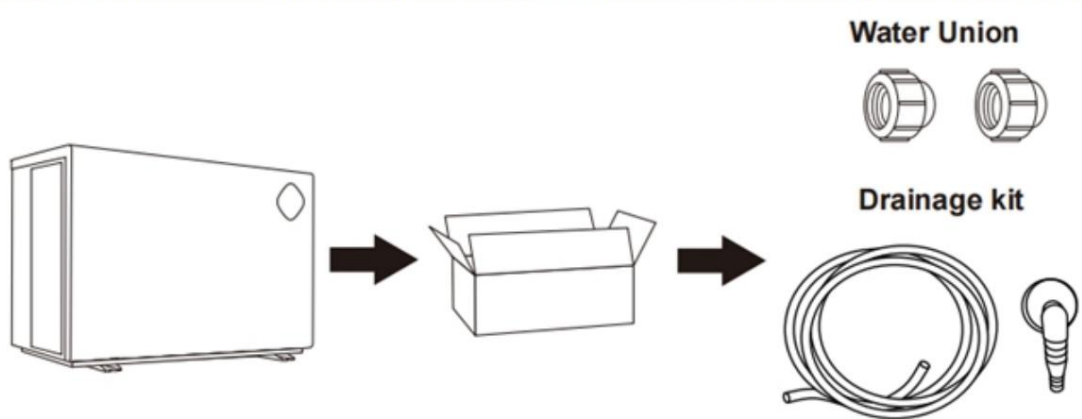
a. Always hold upright



b. Do not lift the water connection
(Otherwise, the titanium heat exchanger may be damaged)



2. Accessories



3. Properties

- a. Turbo blower
- b. DC double rotation inverter compressor
- c. Brushless DC fan motor
- d. EEV technology
- e. Defrosting with reverse cycle and 4-way valve
- f. Highly efficient heat exchanger made of turned titanium
- g. Sensitive and precise temperature control and water temperature display
- h. High and low pressure protection
- i. Complete protection of the electrical system

4. Operating area




To ensure your comfort and enjoyment, please adjust the swimming pool water temperature efficiently and economically.

- a. The heat pump can operate between -20°C and 43°C,
- b. Heating temperature 18°C ÷ 40°C
- c. Cooling temperature 12°C ÷ 30°C

The ideal operating range is between 15°C and 25°C air temperature.

5. Introduction of the different modes

- a. The heat pump has three operating modes: Turbo, Perfect and Silence.
- b. They have different strengths under different conditions.

mode	Modes	Strength
	Turbo mode	Heating output: 130% - 20% output Fast heating
	Perfect mode	Heating output: 100% - 20% output Automatic adaptation to the environment and Water temperature, intelligent optimization. High efficiency and energy savings
	Silent mode	Heating output: 60% - 20% operating power at night.

6. Technical parameters

Model	MSRC110	MSRC120	MSRC150	MSRC180	MSRC210	MSRC230	MSRC290	MSRC350	MSRC350s	MSRC430s	
Recommended pool volume (m ³)	20-35	25-45	30-55	35-65	40-75	45-80	60-90	66-110	66-110	75-120	
PERFORMANCE CONDITIONS: Air 27°C / Water 27°C / Humidity 80%											
Turbo-mode	Heating output (kW)	10.5	12.2	15	18.2	20.6	23.2	28.7	35	35	42.5
Perfect mode	Heating output (kW)	8.2	9.7	12	14.2	16.3	18.5	22	26.4	26.5	33
	COP	21.4-8.3	21.7-8.6	21.8-8.4	22.0-8.6	21.9-8.7	30.0-8.4	21.8-8.7	21.6-8.3	21.4-8.5	21.3-8.3
	Average COP	15.6	15.7	15.8	16.2	15.9	16.2	15.9	15.7	15.5	15.4
PERFORMANCE CONDITIONS: Air 15°C / Water 26°C / Humidity 70%											
Turbo-mode	Heating output (kW)	7.2	8.5	10.5	12.4	14.4	16	20	23.6	23.4	30.3
Perfect mode	Heating Performance (kW)	5.8	6.9	8.4	10	11.5	12.7	15.5	19	19	24
	COP	8.9-5.9	9.1-5.8	9.2-6.1	9.8-6.1	9.1-6.0	9.8-6.2	9.6-6.0	9.3-6.0	8.9-5.9	8.8-5.8
	Average COP	7.5	7.5	7.9	8.1	7.8	8.3	7.9	7.8	7.5	7.4
PERFORMANCE CONDITIONS: Air 35°C / Water 28°C / Humidity 80%											
Cooling capacity (kW)	4.5	5.3	6.5	7.8	9.2	10.1	12.7	15.2	15.2	19.4	
Operation Temperature (°C)	Air	-20 ~43°C									
power supply	220-240V~1Ph /50Hz								380-415V 3N~, 50Hz		
Nominal input power (kW)	0.18-1.47	0.21-1.77	0.25-2.10	0.28-2.34	0.35-2.94	0.38-3.14	0.48-4.00	0.56-4.63	0.57-4.78	0.76-6.31	
Input power at 50% Speed (kW)	0.48	0.57	0.66	0.77	0.92	0.96	1.27	1.51	1.56	2.05	
Nominal input current (A)	0.78-6.39	0.91-7.70	1.09-9.13	1.22-10.17	1.52-12.78	1.65-13.65	2.09-17.39	2.43-20.13	0.83-6.93	1.10-9.14	
Sound level at 1 m height dB(A)	36.0-41.7	36.1-42.5	36.3-43.8	37.0-45.4	37.6-46.1	37.7-46.8	37.9-48.3	38.2-48.7	38.3-48.7	38.8-49.2	
Sound level 50% at 1m dB(A)	36.4	36.6	38.4	40.1	40.5	41	41.3	43	43.1	43.6	

Sound level at 10 m distance dB(A)	16.0~21.7	16.1~22.5	16.3~23.8	17.0~25.4	17.6~26.1	17.7~26.8	17.9~28.3	18.2~28.7	18.3~28.7	18.8~29.2
Recommended Water flow (m ³ /h)	2~4	2~4	3~4	4~6	5~7	6~9	8~10	10~12	10~12	12~18
Water Connection (mm)	50mm									
R290 gas weight (g)		750			1150					
GWP	3									
CO2 Equivalent (in tonnes)		0.0023			0.0035					

Remark:

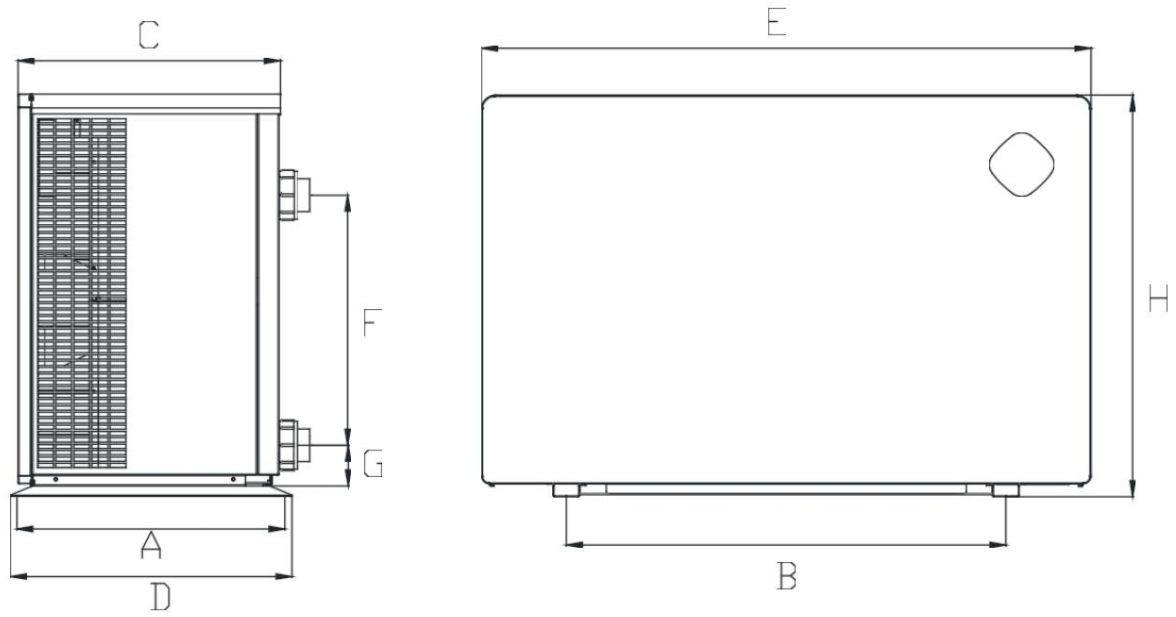
This heat pump is capable of normal operation within an air temperature range of 15°C–25°C; outside this range, efficiency cannot be guaranteed. Please note that the performance and parameters of the pool heat pump may vary under the following conditions.

different conditions.

The relevant parameters may be adjusted periodically as part of ongoing technical improvements without further notice.

Please refer to the nameplate for details.

7th dimension



Size (mm) Designation Model	A	B	C	D	E	F	G	H
MSRC110								
MSRC120								
MSRC150								
MSRC180								
MSRC210								
MSRC230								
MSRC290								
MSRC350								
MSRC350s								
MSRC430s								

The above information is subject to change without notice.

Note: The above drawing with the technical data of the heat pump for swimming pools serves only as a reference for technical personnel.

D. Installation instructions

1. Reminder about the installation

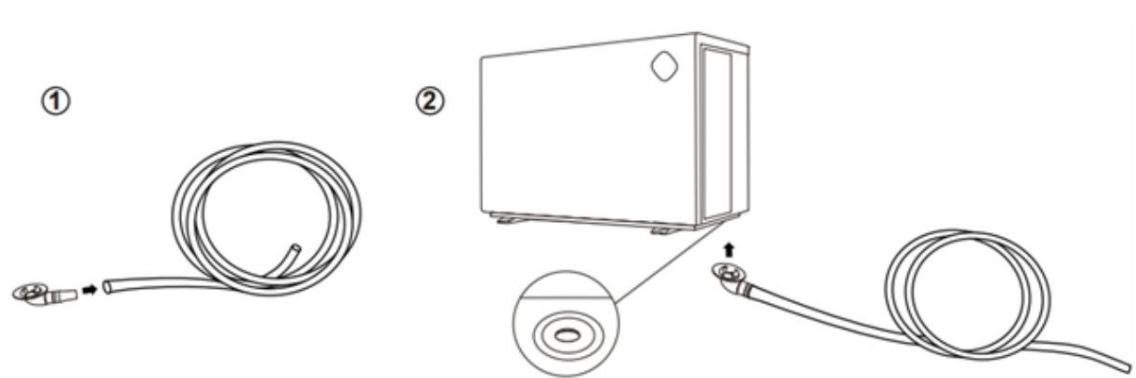
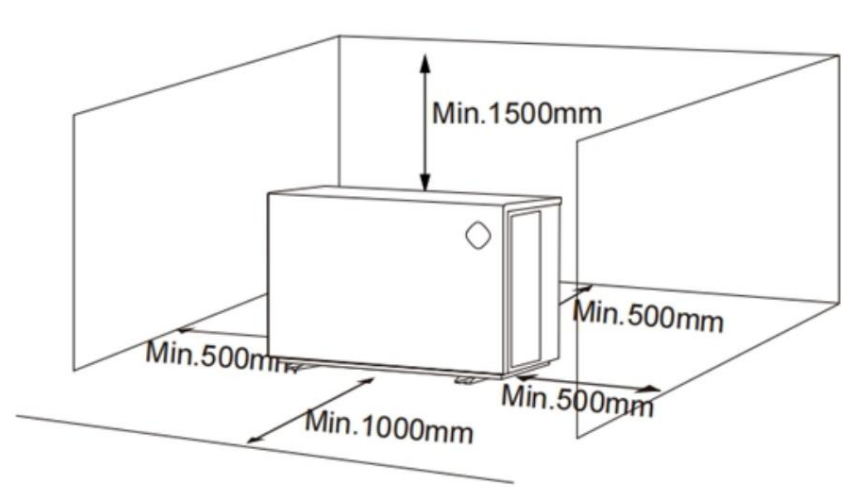
The heat pump must only be installed by qualified personnel. Users are not qualified to perform the installation themselves, as this could damage the heat pump and pose a safety risk.
User exists.

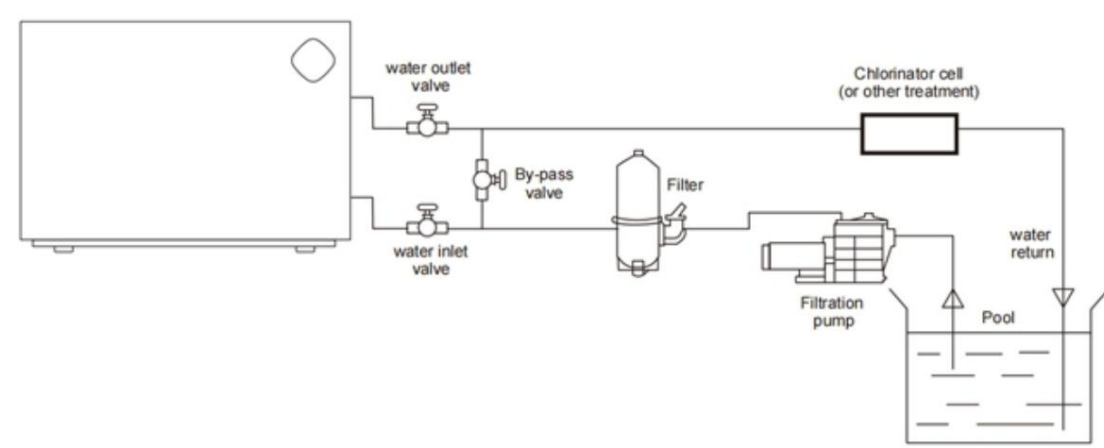
a. Installation distance, laying of drain pipes and water pipe connection



The inverter pool heat pump should be installed in a well-ventilated location. The distance should be greater than the following will be;

Installation distance





- 1) The frame must be attached to a concrete foundation or bracket using screws (M10).

The concrete foundation must be solid and secured; the support must be strong enough and treated to prevent rust;

- 2) Please do not stack any materials that block the airflow near the inlet or outlet area, and do not place

Do not place any barriers within 50 cm of the unit, as this will impair the efficiency of the heat pump and may even cause the unit to stop working;

- 3) The machine requires an attached pump (to be provided by the user). The recommended pump specification is:
flow rate:

See technical parameters, max. stroke \dot{y} 10m;

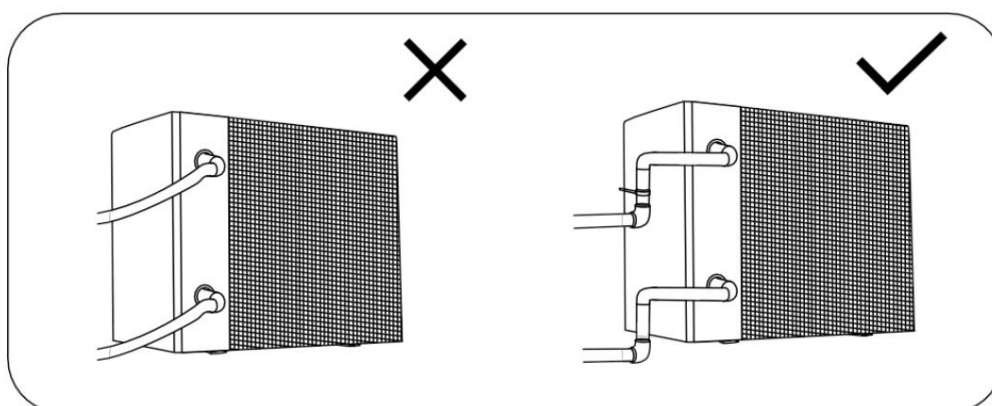
- 4) When the device is in operation, condensation will run out of the bottom; please be aware of this. Please keep the
Insert the drain fitting (accessory) into the hole and clamp it securely, then connect a pipe to the drain.
to allow condensation to drain away.

b. Connection of the water pipe



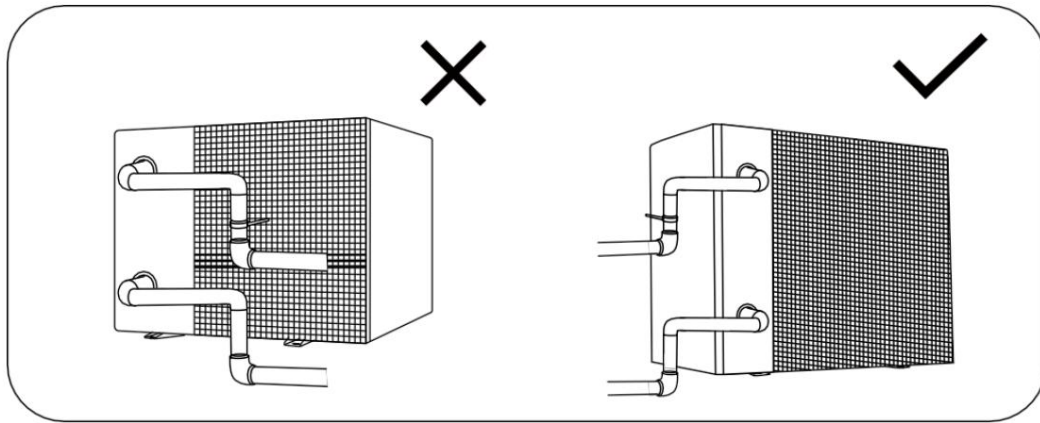
The water inlet and outlet fittings cannot support the weight of the soft pipes.

The heat pump must be connected via rigid pipes!



The water pipes MUST NOT be laid in such a way that they are behind the evaporator of the heat pump.

If this cannot be avoided, cover the pipes with thermal insulation foam.

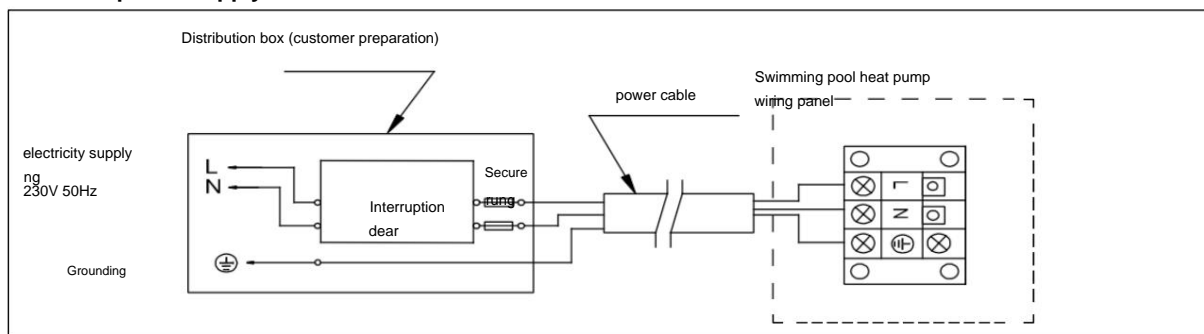


2. Warning

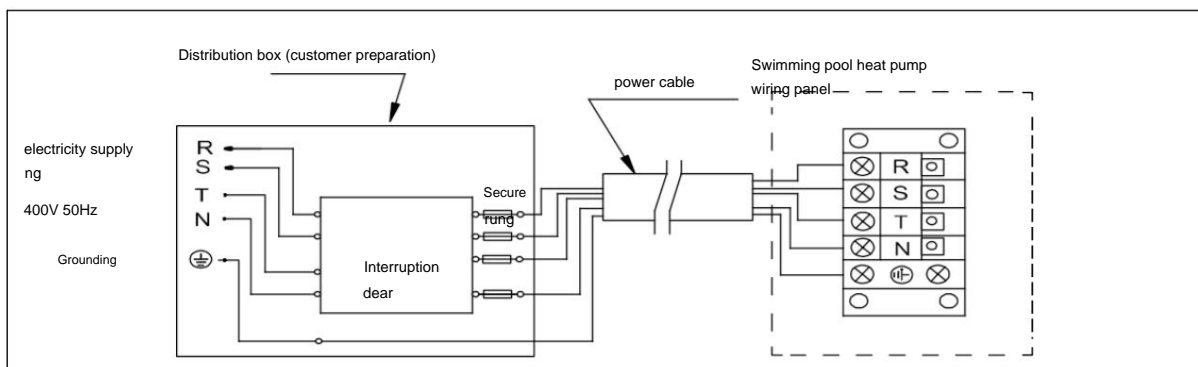
- a. Connect the device to a suitable power supply whose voltage matches the rated voltage of the device. must match.
- b. Ground the machine well.
- c. The wiring must be carried out by a professional technician according to the wiring diagram.
- d. Set the leakage protection according to local wiring regulations (leakage current \dot{y} 30 mA).
- e. The arrangement of the power and signal cables should be orderly and not interfere with each other; the cross-section
The cable can be adjusted according to environmental conditions (such as ambient temperature, direct sunlight, Rainfall, mains voltage, cable length) should be increased appropriately.
- f. Make sure that a residual current device (RCD) is installed in the circuit.
- g. Before use, make sure the plug is well protected from water.

3. Electrical circuit diagram


a. For the power supply: 230V 50Hz



b. For the power supply: 400V 50Hz



Note:

- 1)  Must be hardwired; plugs are not allowed.
- 2) The swimming pool heat pump must be properly grounded.

4. References for protective devices and cable specifications

MODEL		MSRC 110	MSRC 120	MSRC 150	MSRC 180	MSRC 210	MSRC 230	MSRC 290	MSRC 350	MSRC3 50s	MSRC43 0s
pause he	Rated current (A)		12			19					
	Design- Quiescent current (mA)		30			30					
Fuse (A)			12			19					
Power cable (mm ²)			3x2.5			3x2.5					
Maximum current (A)			10			16					

* The above data is subject to change without notice.









Note: The above information refers to a power cord < 10m. If the power cord is 10m~ 40m long, the Wire diameter

increased.

E. Instructions for operation

1. Key Function



symbol	Heating and cooling modes
	1. Power On/Off 2. Wi-Fi Settings
	1. Lock/unlock screen 2. Heating mode (18-40°C) 3. Cooling operation (12-30°C) 4. Auto mode (12-40°C)
	1. Turbo  2. Perfect  3. Silence 
 	1. Setting the temperature

Danger!

- i. The controller has a power-down memory function.
- ii. The keys turn dark when they are locked.

2. Screen display









a. Plugged in without switching on



- i. The standard display shows the real-time input power.
- ii. If the display is switched to compressor speed in percent while the heat pump is switched on, After switching off, the compressor speed is displayed as a percentage instead of the real-time input power. displayed.

b. Switch on



	Heating operation
	Cooling operation
	Auto mode
  % kW	Input power/running speed percentage
	Wi-Fi connection
	inlet
	Outlet

3. Operating instructions

a. Lock screen

- 1) There is an automatic screen lock function. If the screen is not used for more than 30 seconds, the screen will lock automatically. If it is, it will automatically lock and dim, while the lock button lights up and the other buttons are switched off.



- 2) Press and hold for 3 seconds "To unlock the screen; screen and buttons light up.





- 3) Press "for 3 seconds to lock the screen; the screen goes dark; the lock button" It lights up, but the other buttons do not.



- 4) Screen only. "Works when the screen is off; the other keys work when the screen is on"



- 5) Blocking time: only " It lights up. It lights up when using Wi-Fi. "  " and "  " .

b. Switch on



Press to turn on.



Press and hold for 3 seconds to unlock the screen.

" , to use the device

c. Temperature setting



Press " and " , to display and adjust the temperature under "Screen on".


d. Mode selection

- 1) Heating/Cooling/Car

Press  " to switch between heating " " ", Cooling " " and automatic operation .

1) Heating operation " " ": Water temperature setting range (18-40°C)




2) Cooling mode " " ": Water temperature setting range (12~30°C)




3) Automatic mode  " " ": Water temperature setting range (12~40°C)

* If the water inlet temperature is higher than the set value, automatic cooling operation begins.

* If the water inlet temperature falls below the set value, automatic heating operation begins.

e. Turbo/Perfect/ Mute

Heating mode: Press  " " ", to switch between turbo mode  , the Perfect Mode and breeze  leading

To switch  modes. Cooling and Auto modes: only support Turbo mode.  , the Perfect Mode. 

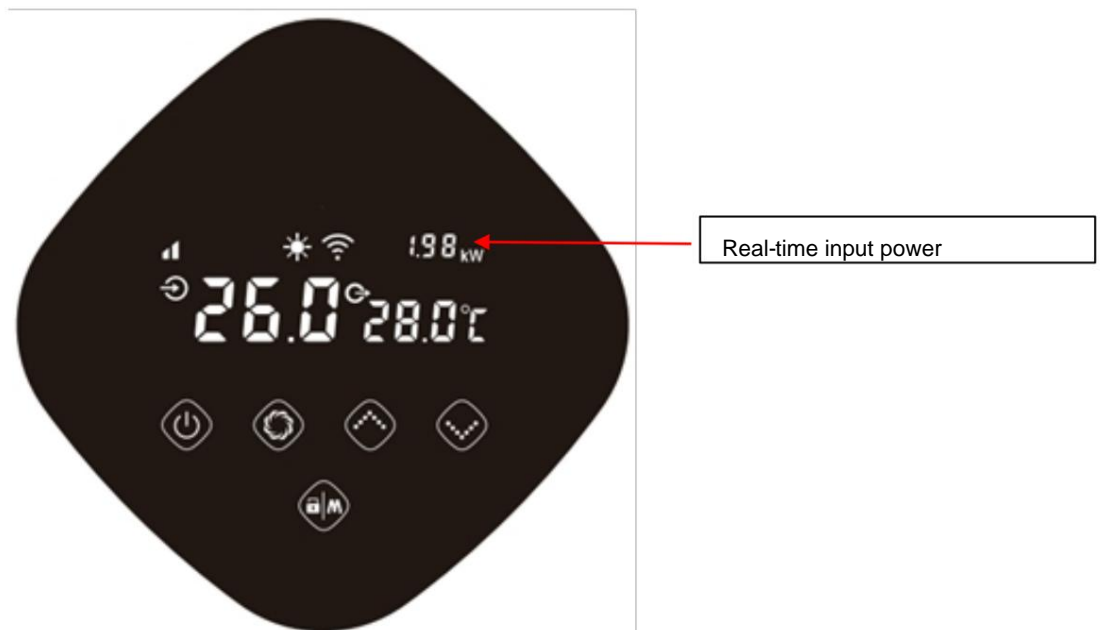
f. Operating frequency

Switching between real-time input power and percentage display of compressor speed: Real-time input power

is displayed by default. With the control unit unlocked, hold the buttons.  " and "  " 5

Press and hold for a few seconds to display the real-time input power and compressor speed in percent.

to switch.




g. Wi-Fi



1) Wi-Fi connection


With the screen on, press the button for 3 seconds. . After the blinking of  "

You can establish a Wi-Fi connection. Connect to Wi-Fi on your mobile phone and enter the...
Enter a password, then control the device via Wi-Fi. (App)


Wi-Fi connection successfully established,"  " lights up.

2) WIFI reset (changing the WIFI password or network configuration)



Press  (for 10 seconds, then the light  " slowly for 60s and the flashes and goes out. Delete the configuration data and repeat step 1).

3)  " is always displayed after the connection is established.

h. Defrosting

1) Automatic defrosting: When the appliance defrosts automatically, the indicator light will flash.  and returns to the previous
Return to operating mode when finished.

2) Manual defrosting: To enter forced defrost mode, the compressor must run for more than 10 minutes.




Minutes. In heating mode, press  " and  "5 simultaneously on the Touch Controller
Press and hold for a few seconds to start the forced defrost cycle.

(Note: the interval between individual manual defrostings should be more than 35 minutes)

(amount). The operation and termination of automatic and manual defrosting are the same.

i. Advanced Applications (Professional Operation)

1) Ongoing status review

Press  " 5 seconds to start the operational status check. During this time, the display shows the
Status symbol "C0" and its corresponding value. Change status by  " and  " for review

corresponding value. Press  ", to perform the "Ongoing Status Check"

End. Table of ongoing status check:

symbol	Contents	Unit
C0	Water temperature at the inlet	°C
C1	Water temperature at the outlet	°C
C2	Ambient temperature	°C
C3	Exhaust gas temperature	°C
C4	Temperature of the evaporator tube	°C
C5	Return gas temperature	°C
C6	Temperature of the cooling coil pipes	°C
C9	Temperature of the cooling plate	°C
C10	EEV opening angle	P
C11	DC motor fan speed	rpm

j. Temperature display conversion (Celsius/Fahrenheit)

With the screen on, press and hold for 5 seconds to switch between degrees Celsius and degrees Fahrenheit.



Attention! The controller has a power-off memory function.

B. Examination

1. Check the heat pump before commissioning.

- a. The ventilation device and the outlets are functioning properly and are not blocked.
- b. It is forbidden to install refrigerant lines or components in corrosive environments.
- c. Check the electrical wiring against the electrical wiring diagram and the grounding connection.
- d. Make sure the machine's main power switch is turned off.
- e. Check the temperature setting.
- f. Check the air inlet and outlet.

2. Notification and procedure for detecting leaks



- a. Leak testing is prohibited in enclosed areas.
- b. The ignition source is prohibited during the leak test. A halide burner (or a
Other detectors (with an open flame) must not be used.
- c. Leak detection fluids can be used with most refrigerants, however, the
The use of chlorine-containing cleaning agents should be avoided, as the chlorine can react with the refrigerant and
the copper pipe can corrode.
- d. Vacuum completely before welding. Welding may only be carried out by qualified personnel at the service center.
be performed.
- e. Please stop operation if gas is leaking and contact the specialist staff at the customer service center.

3rd attempt

- a. The user must "start the pump before the machine and turn off the machine before the pump", otherwise the
Machine damaged.
- b. Before you put the heat pump into operation, please check for water leaks and set the correct temperature.
turn on the power.
- c. To protect the swimming pool heat pump, the unit is equipped with a time-delayed start function.
The fan starts running 1 minute before the compressor when the device is started and stops running when the device is switched off.
to start up a minute later than the compressor.
- d. After the swimming pool heat pump has been put into operation, please check if the unit is exhibiting any unusual behavior.
makes noises.

C. Maintenance



"Disconnect the power supply to the heat pump before cleaning, inspection and repair. "

1. During the winter season, when you don't go swimming:

a. Disconnect the power supply to avoid damaging the machine.

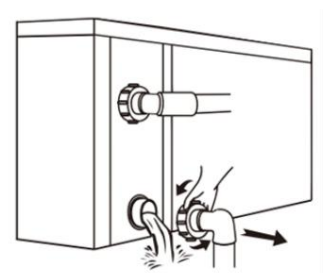
b. Drain the water from the appliance if you are using it at ambient temperatures below 2°C,

Please keep the water running.

c. Before covering the machine with the winter cover, please make sure that the water on the

The surface of the heat pump has been wiped and is clean.

d. Cover the device when it is not in use.



!!!Important:

Unscrew the water nozzle of the suction pipe so that the water can flow out.

*If the water in the machine is in the winter season
If it freezes, the titanium heat exchanger can be damaged.*

2. Please clean this device with household cleaners or clean water; NEVER use gasoline.

Thinners or similar agents.

3. Regularly check screws, cables, and connections.

4. If a repair or replacement is required, please contact an authorized service center near you.

5. Do not attempt to work on the device yourself. Improper operation can lead to hazards.

6. Heat pumps using R290 gas must undergo a safety inspection before maintenance or repair.

will happen if there is a risk.

D. Troubleshooting common errors

1. Repair instructions



WARNING:

- a. If a repair or replacement is required, please contact an authorized service center.
Service center near you.
- b. Requirements for service personnel
- c. Anyone working on or entering a refrigerant circuit should hold a valid certificate from an industry-approved assessment body confirming their competence in handling refrigerants safely, in accordance with an industry-approved assessment specification.
- d. Do not attempt to work on the equipment yourself. Improper operation can lead to hazards.
- e. When filling the system with R290 gas and maintaining the equipment, strictly adhere to the manufacturer's instructions. This chapter deals with the specific maintenance requirements for swimming pool heat pumps using R290 gas. Please refer to the technical service manual for detailed maintenance information.
- f. Vacuum completely before welding. Welding must only be carried out by professional personnel at the service center.
be performed.

2. Troubleshooting and Code

Fail	Reason	Solution
After switching it on, the controller displays a code.	Code for commissioning	That's normal. Please wait. until she disappears.
Insensitive controller	Some models have a screen lock function.	You will find information in the manual Unlocking the screen
The heat pump is not running.	Improper operation	See the manual
	No service	Wait until the power is off. recovers
	The device is switched off.	Switching on the power supply
	Burnt fuse	Check and replace the Security
	The interrupter is switched off.	Check and activate the Interrupter
	Voltage anomaly	Inspection by experts
The device starts suddenly or stops running	The appliance may be defrosting. At this point, the fan stops rotating, and the heating indicator on the display goes out. The controller will blink.	No failure, the device switches on back after defrosting
	Some models have a timed on/off function. Switch-off Function.	You will find information in the manual Disable this function
	Once the set temperature is reached, the heating will switch off. The pump goes into standby mode.	That's normal.
Air is flowing out, but the device isn't heating well.	Evaporator blocked	Clear the blockage
	Air intake and/or outlet blocked	Clear the blockage
	3-minute start delay protection for the compressor	Wait patiently
Display normal, but no heating	Temperature set too low	Set to the correct temperature
	3-minute start delay protection for the compressor	Wait patiently
The device emits white smoke.	The appliance is being defrosted.	That's normal. Please wait. until the appliance has defrosted.
Device is leaking water	During heating operation, a vapor is produced at the evaporator. Condensation that runs over the Underside of the device	That's normal.
If the above solutions do not work, please contact your installer with detailed information and your model number.		
Try to fix it yourself.		

Note: If the following conditions occur, immediately turn off the device and disconnect the power supply.

Then contact your dealer:

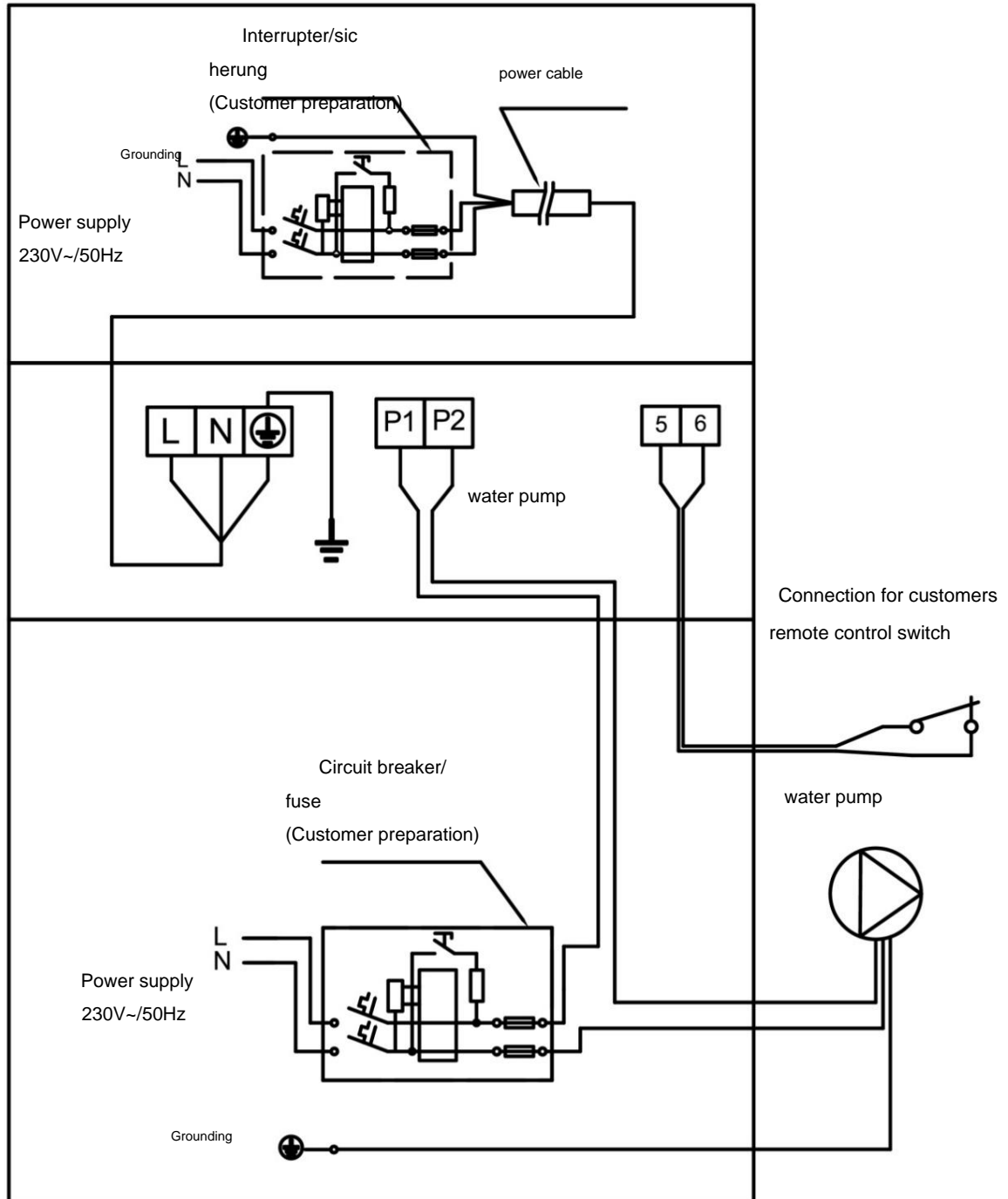
1. The device stopped working due to external factors.
2. Often the fuse is defective or the leakage protection switch has tripped.

Protection & Error Code

NO.	Advertisement	Description of the protection code
1	E3	No water protection
2	E5	Power supply exceeds operating range (no outage)
3	E6	Excessive temperature difference between inlet and outlet water (inadequate protection of the water flow)
4	It	Ambient temperature too high or too low protection (no failure)
5	Ed	Anti-freeze reminder (no failure)
NO.	Advertisement	Description of the error code
1	E1	Protection against high pressure
2	E2	Low-pressure protection
3	E4	3-phase sequence protection (three-phase only)
4	E7	Protection against excessively high or low water outlet temperatures
5	E8	Protection against high exhaust gas temperatures
6	EA	Overheating protection for heat exchanger/evaporator (only in cooling mode)
7	P0	Controller communication error
8	P1	Water inlet temperature sensor failure
9	P2	Water outlet temperature sensor failure
10	P3	Exhaust gas temperature sensor failure
11	P4	Evaporator tube temperature sensor failure
12	P5	Gas return temperature sensor failure
13	P6	Failure of the temperature sensor in the cooling coil pipe
14	P7	Ambient temperature sensor failure
15	P8	Cooling plate temperature sensor failure
16	P9	Current sensor failure
17	PA	Restart memory error
18	F1	Compressor driver module failure
19	F2	PFC module failure
20	F3	Compressor start failure
21	F4	Compressor not running
22	F5	Overcurrent protection of the inverter board
23	F6	Inverter board overheating protection
24	F7	Electrical protection
25	F8	Overheating protection of the cooling plate
26	F9	Fan motor failure
27	Fb	Power filter plate, power outage protection
28	FA	Overcurrent protection of the PFC module

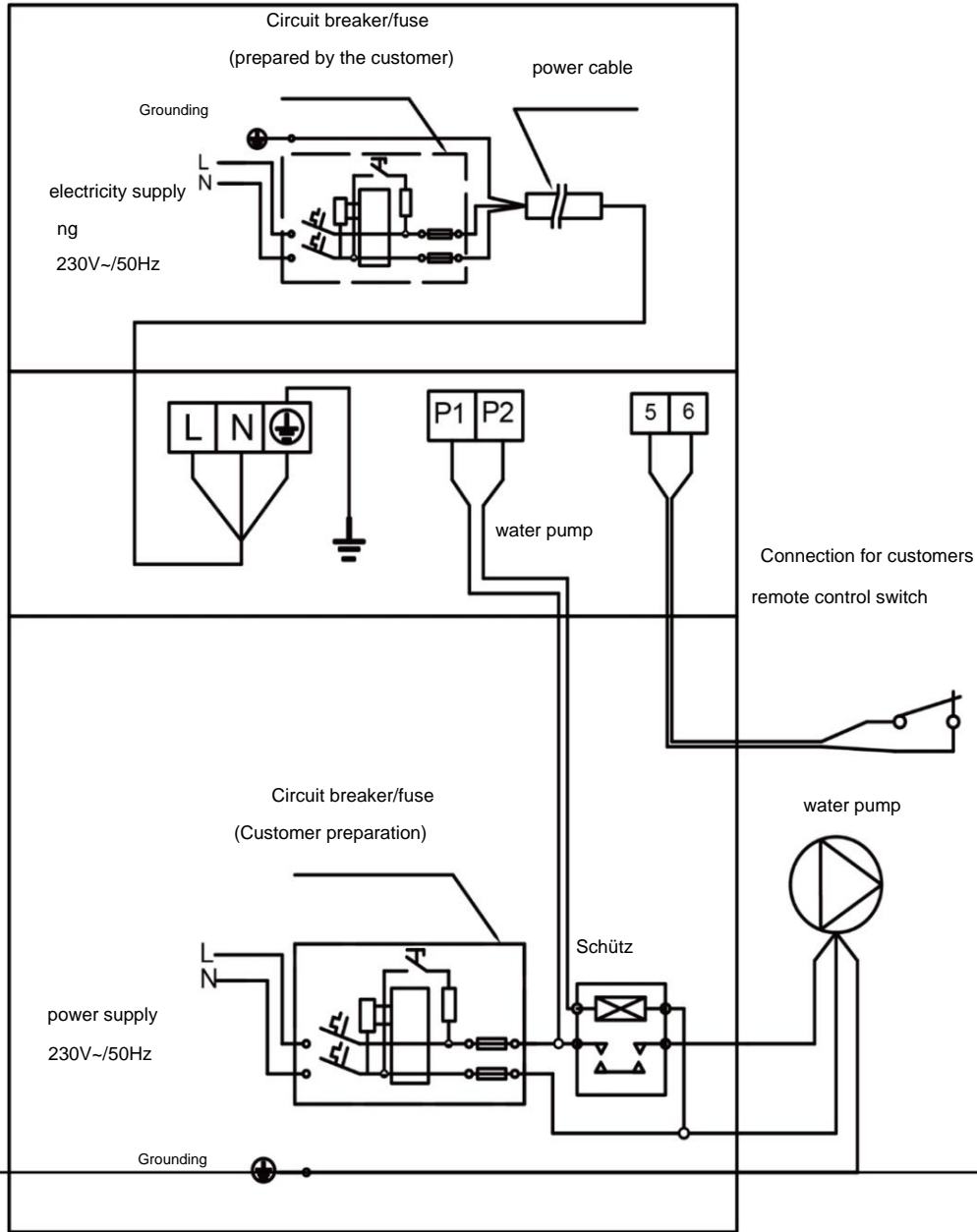
E. Connection for controlling the water pump

Water pump: 230V voltage, \dot{y} 500W power



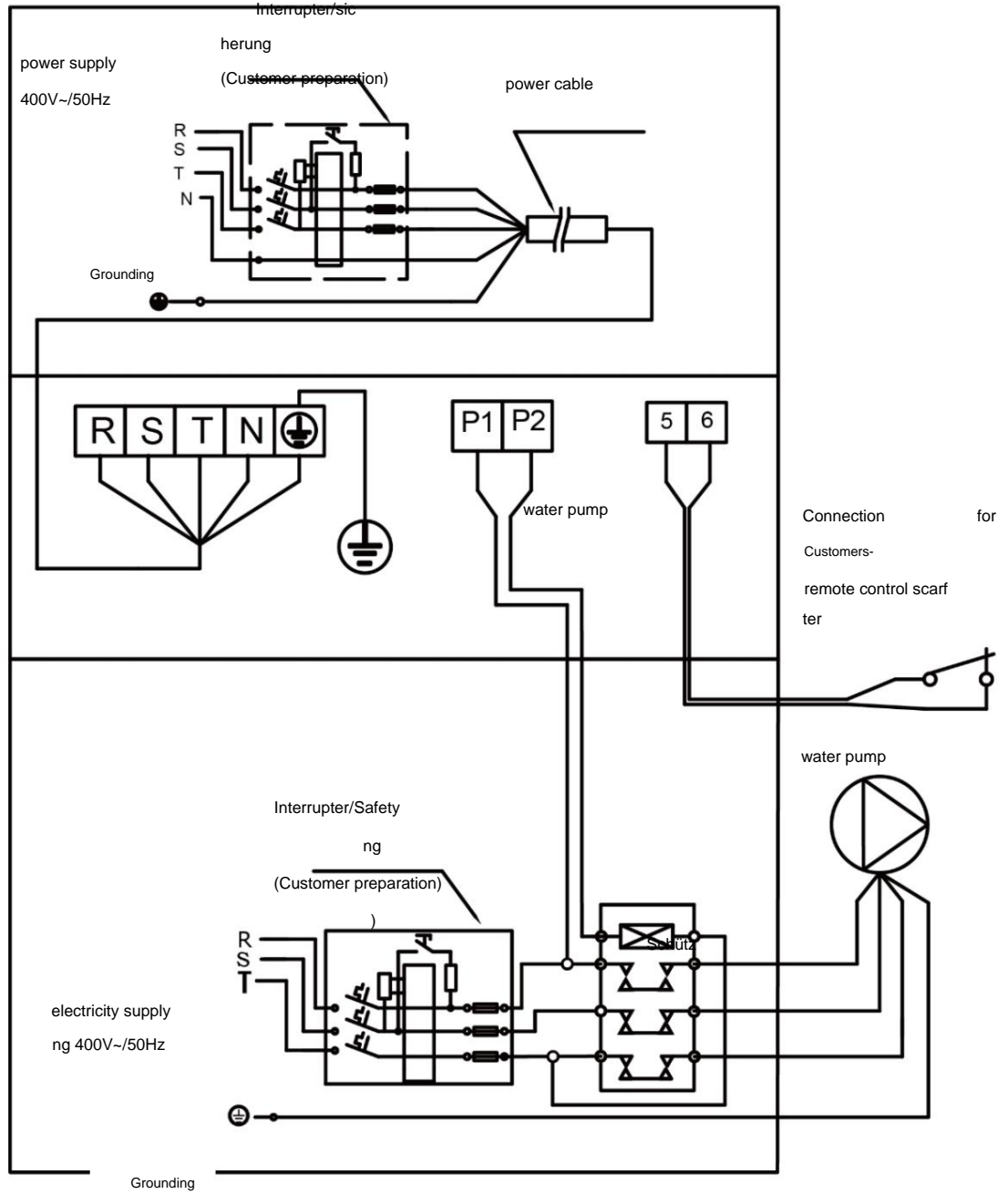
Water pump: 230V voltage, > 500W power

Please install a protective device.



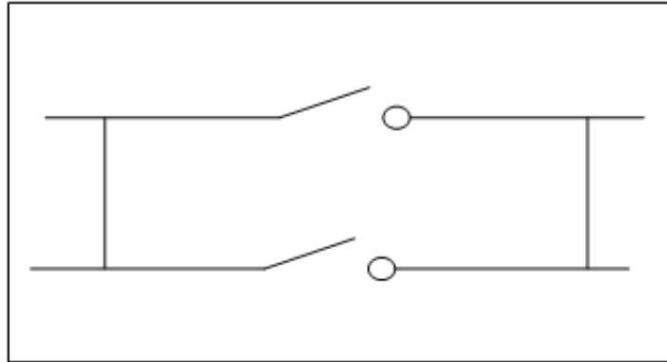
Water pump: 400V voltage

Please install a protective device.



Connection of the water pump control and the timer

1: Timer for the water pump



2: Water pump wiring of the heat pump

Note: The installer should connect terminal 1 in parallel with terminal 2 (see diagram above). To start the water pump, either terminal 1 or 2 must be connected. To stop the water pump, both terminals 1 and 2 should be disconnected.

F. Wi-Fi operation

1. Download the iGarden app

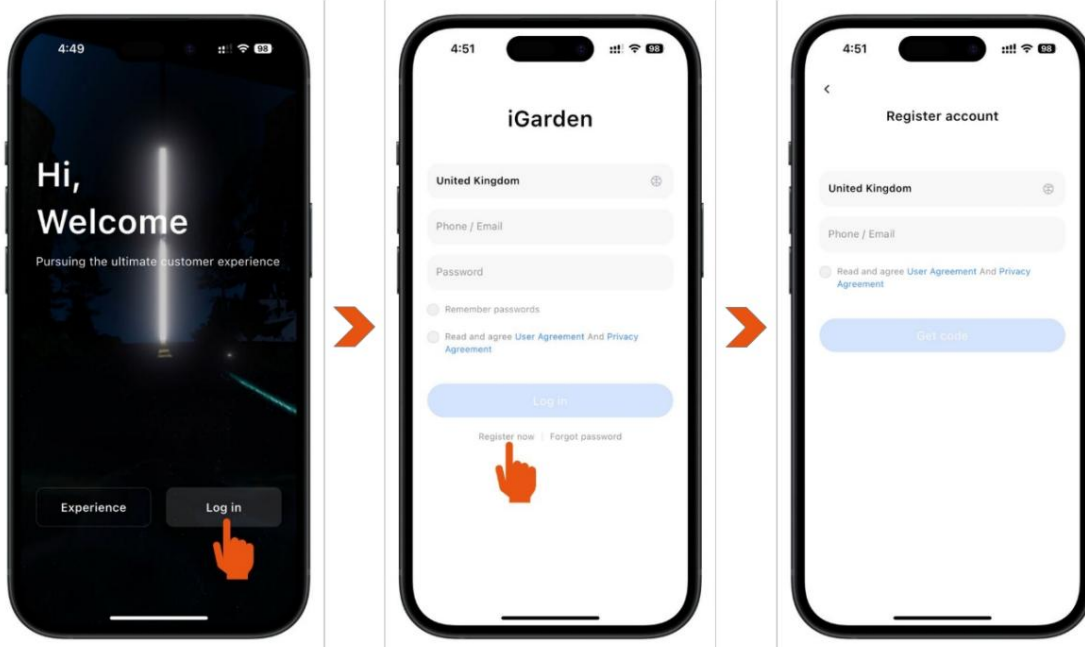


Android



iOS

2. Registering an account



3. APP Pairing

a. With Bluetooth

1) Please make sure your phone is connected to Wi-Fi (2.4 GHz) and Bluetooth is turned on.

2) Press and hold the button on the heat pump control unit for 3 seconds.



"", to unlock the screen.

Press and hold for 3 seconds
Control unit.





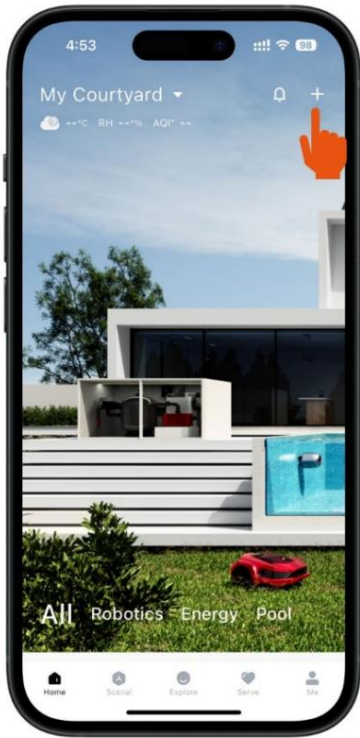
"", and release the button. After the beep, it will flash.



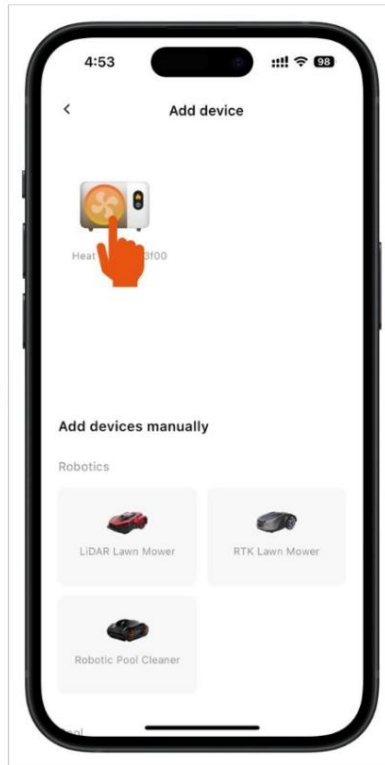
"", at

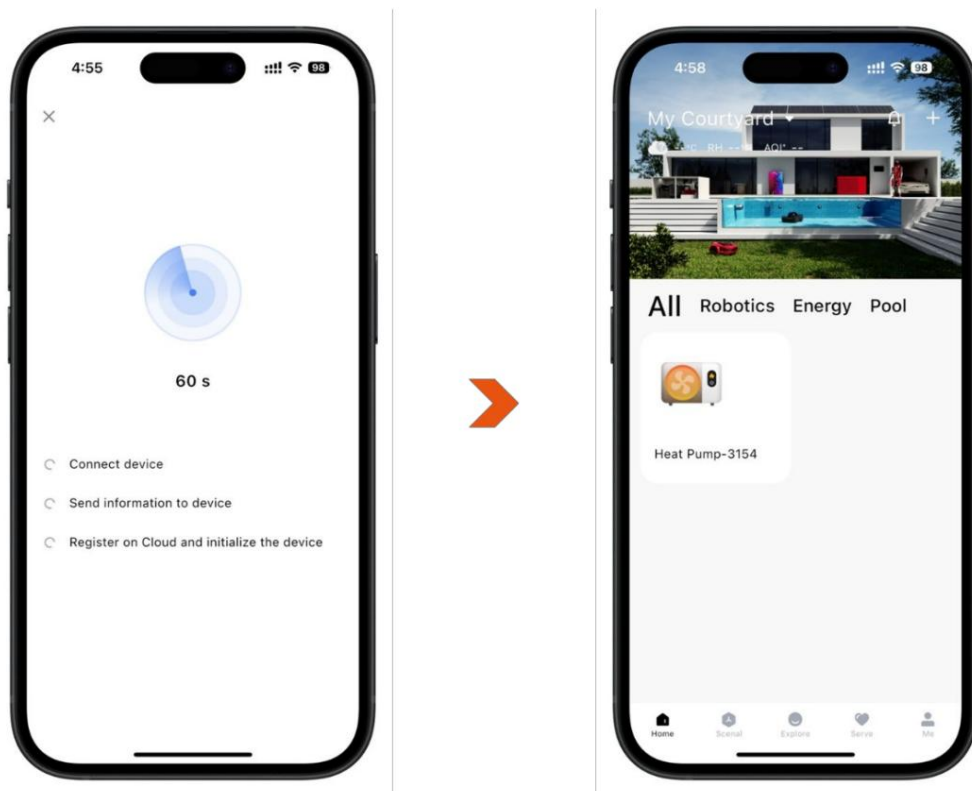


3) Click on "Add device" and follow the instructions to pair the device. During the Connection flashing  "on the controller. Once the app successfully establishes a Wi-Fi connection, it will..." 




still displayed.







b. With hotspot from the heat pump


1) Please make sure your phone is connected to Wi-Fi (2.4 GHz).

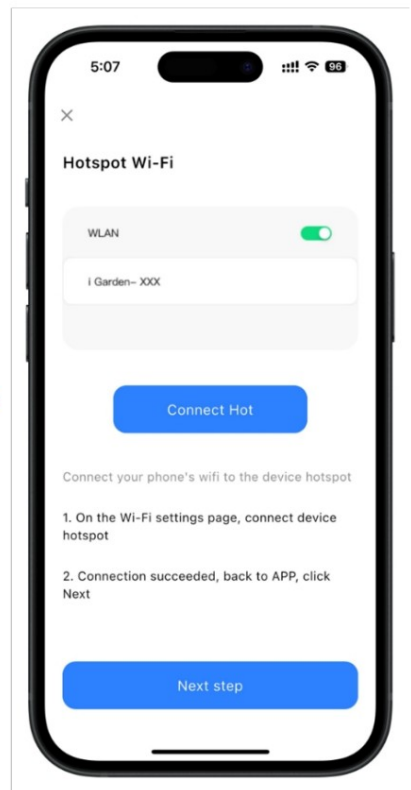
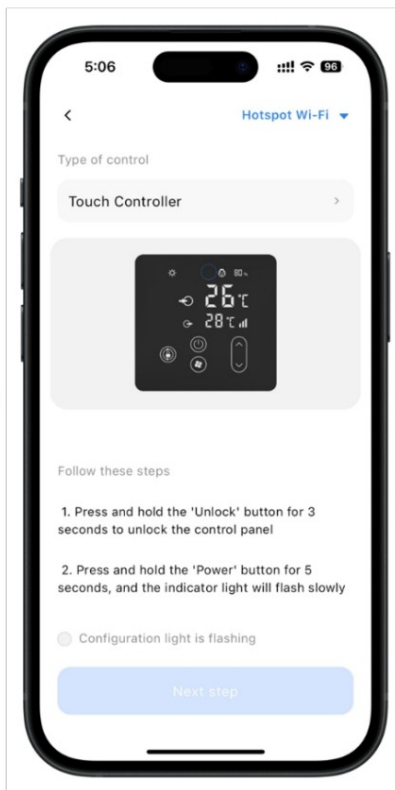
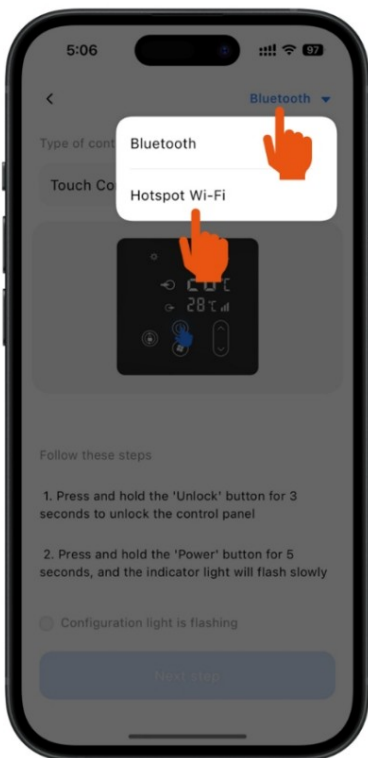
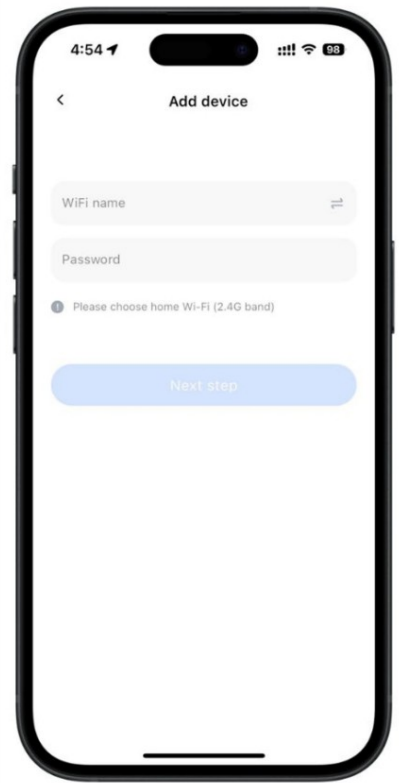
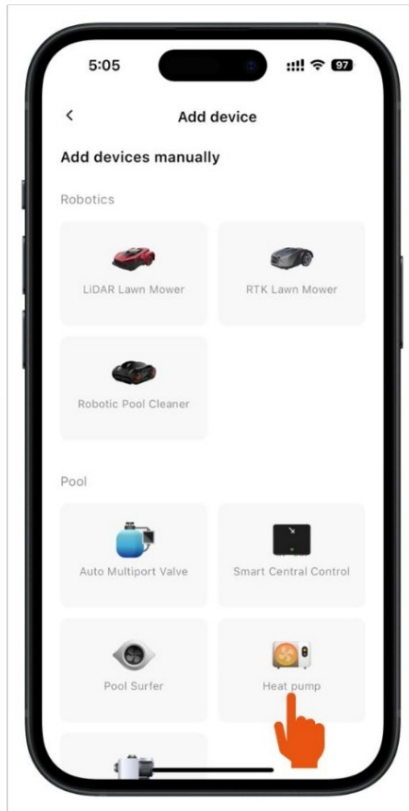
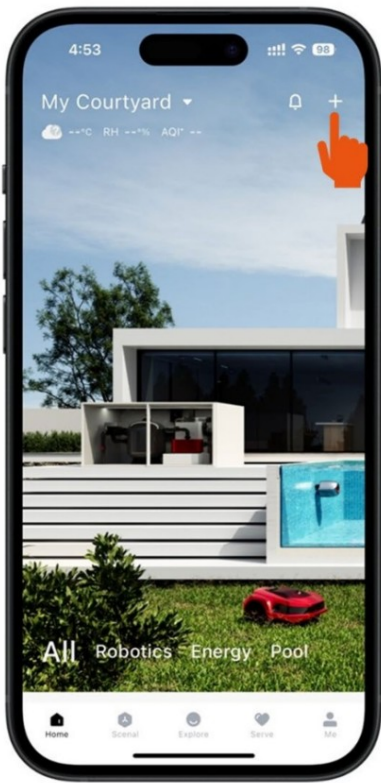
2) Press and hold the button on the heat pump control unit for 3 seconds. "", to unlock the screen.

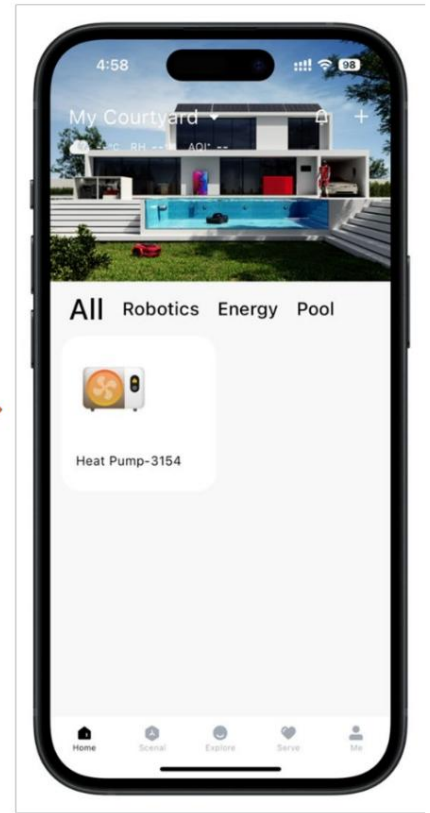
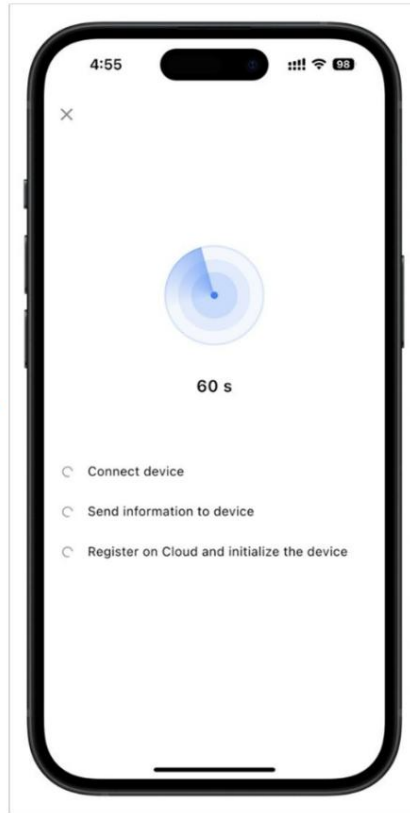
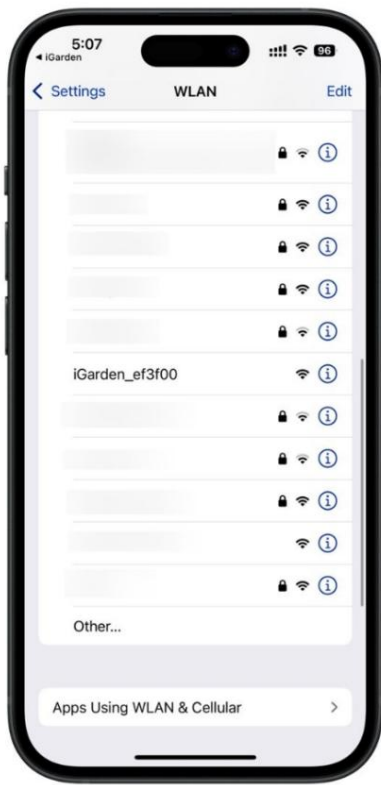
Press "" for 10 seconds. After the beep, it flashes "" slowly at the control unit.



3) Under "Manually adding devices", click "Add device" and "Heat pump" and follow the instructions.

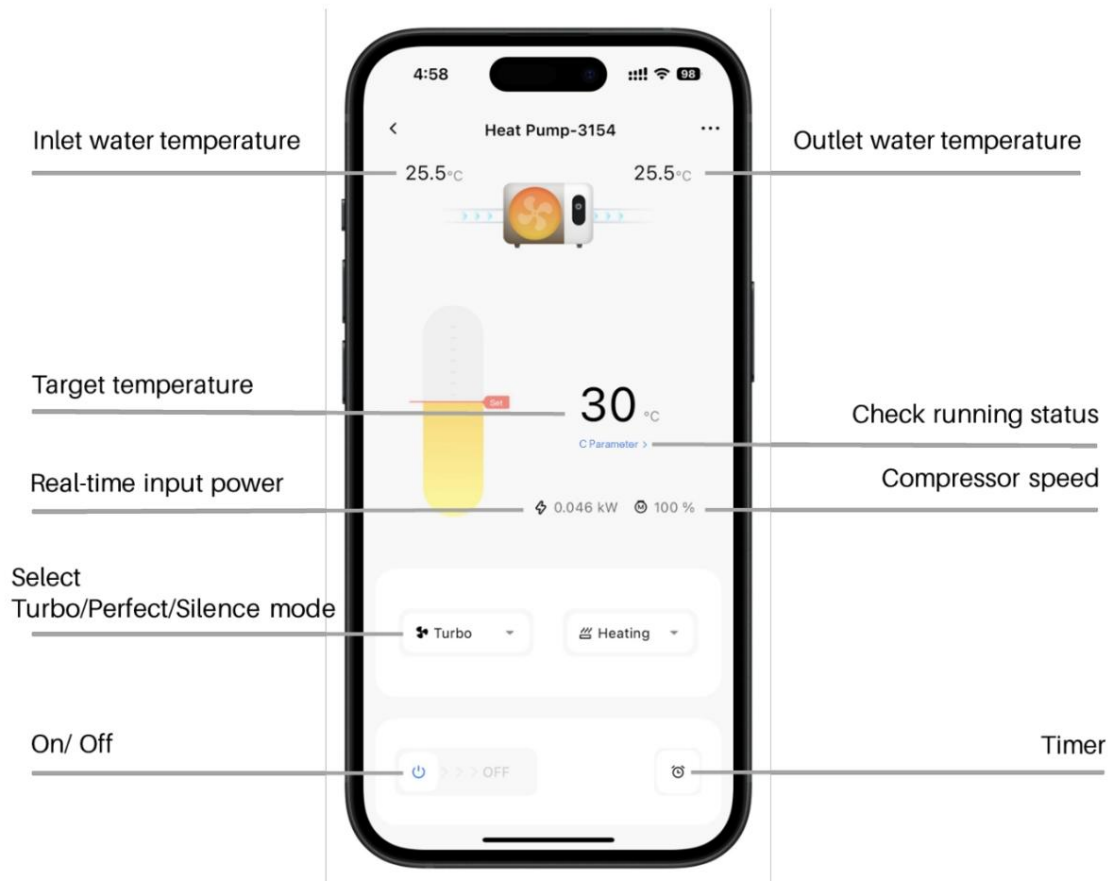
Then follow the instructions for pairing the device. Once the app has successfully established a Wi-Fi connection, becomes "" displayed.



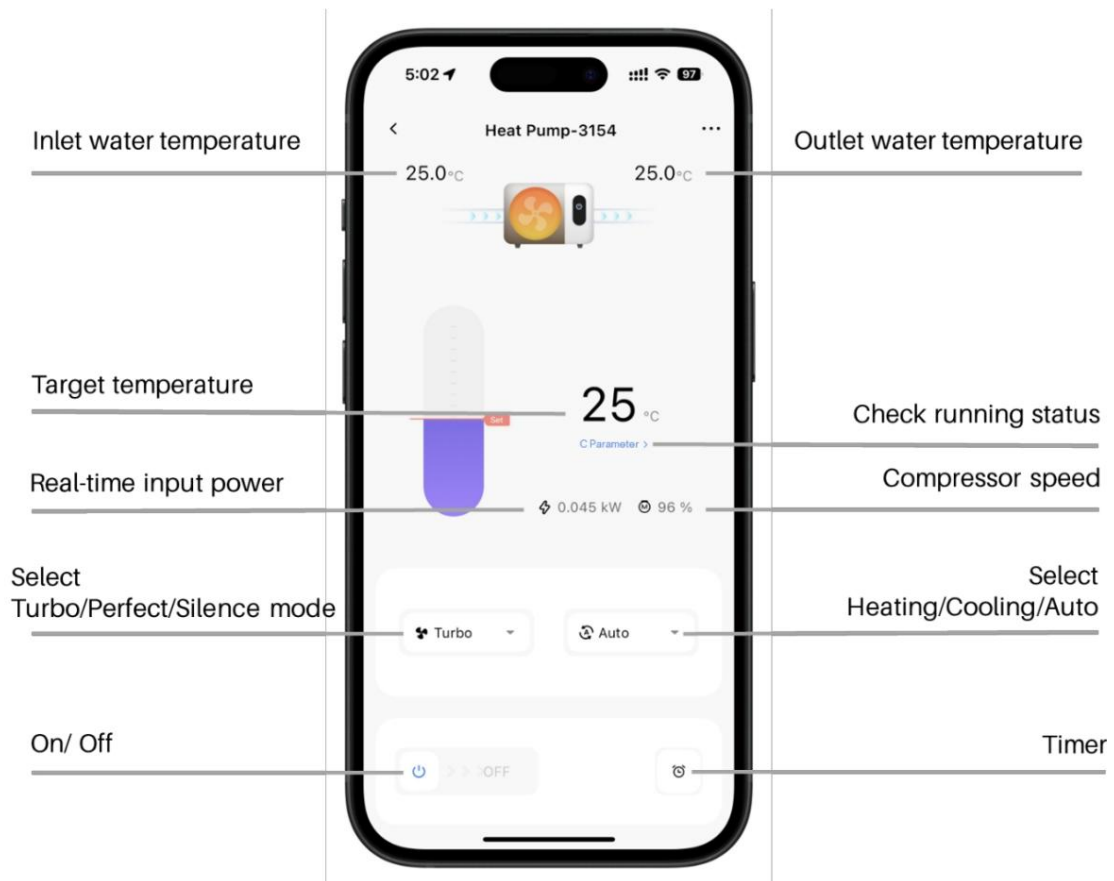


4. Operation

a. Only for heat pumps with heating function



b. For heat pumps with heating and cooling function

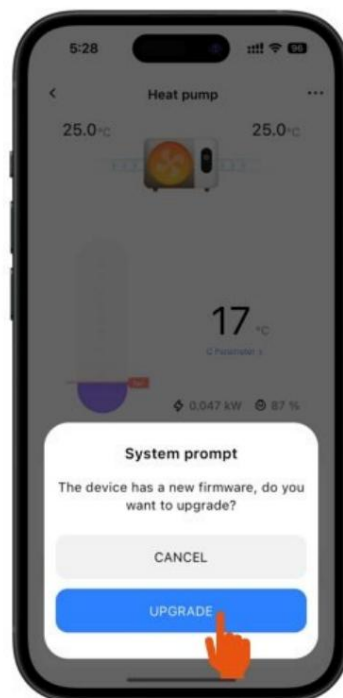


5. OTA

The heat pump's firmware can be updated via OTA. There are two ways to update the heat pump's firmware:

a. Automatic notification

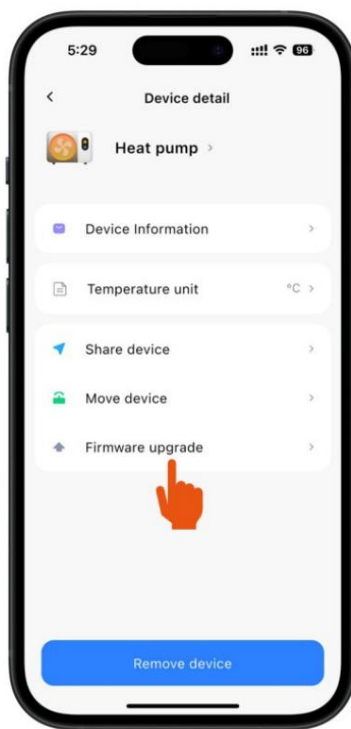
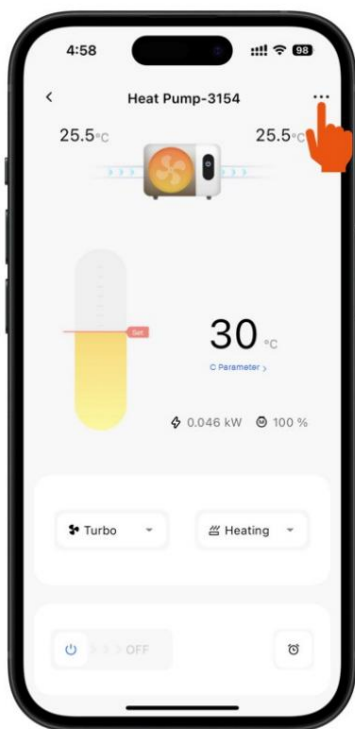
When you access the heat pump's control panel in the app, a pop-up window appears indicating that new software updates are available.



b. Manual update

In addition to automatic notifications, new updates can also be checked under Device Details - Firmware.

Upgrade.



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The company reserves all rights to the final declaration.
before.