

INVERTER POOL HEAT PUMP



USER MANUAL

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A. Foreword

Thank you for choosing our inverter pool heat pump, which is designed for more silent and energy saving user experience. It is an ideal way for green pool heating.

We hope you'll enjoy using our heat pumps.

Thank you!

B. Safety Precautions

We have provided important safety messages in this manual and on your heater. Please always read and obey all safety messages.

1. Warning



The WARNING sign denotes a hazard. It calls attention to a procedure, practice, or the like, which, if not correctly performed or adhered to, could result in personal injury or injury to a third party. These signs are rare, but are extremely important.

2. Attention

- a. Set proper temperature in order to get comfortable water temperature to avoid overheating or overcooling.
- b. Please don't stack substances, which will block air flow near inlet or outlet area, otherwise the efficiency of the heater will be reduced or even stopped.
- c. Don't use or stock combustible gas or liquid such as thinners, paint and fuel to avoid fire.
- d. In order to optimize the heating effect, please install heat preservation insulation on pipes between swimming pool and the heater, and please use a recommended cover on the swimming pool.
- e. Connecting pipes of the swimming pool and the heater should be ≤ 10 m.

3. Safety

- a. Please keep the main power supply switch far away from the children.
- b. When a power cut happens during operating, and later the power is restored, the heater will start up.
- c. Please switch off the main power supply in lightning and storm weather to prevent from machine damage that caused by lightning.
- d. Installation and any repairing should be conducted in the area with good ventilation. The ignition source is prohibited during the operation.

C. About your heat pump

1. Transportation

a. Always keep upright

b. Loose the screws in the bottom, and use the forklift to transport.

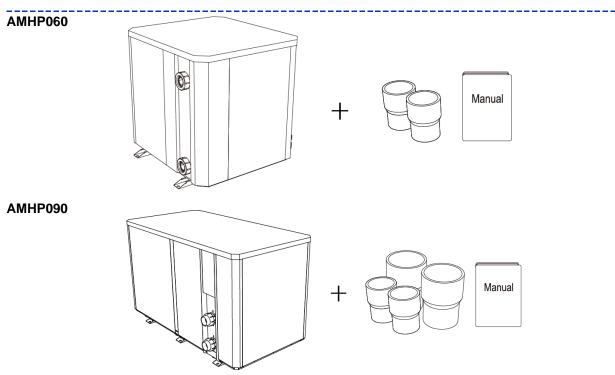
c. Do not lift the water union, otherwise, the titanium heat exchanger inside the heat pump may be damaged)

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2. Accessories:



3. Operating condition and range:

To provide you comfort and pleasure, please set swimming pool water temperature efficiently and economically.

The heat pump can work between air 0°C \sim 55°C, and its ideal operation range is between air 15°C \sim 25°C.

4. Introduction of different modes:

- _____
- a. The heat pump has two modes: Boost and Silence.
- b. They have different strengths under different conditions.

Mode	Modes	Strength
		Heating capacity: 20% to 100% capacity
lı.	Boost mode	Intelligent optimization
		Fast heating
		Heating capacity: 20% to 80% capacity
41	Silence mode	Sound level: 3dB (A) lower than Boost mode

5. Technical parameter

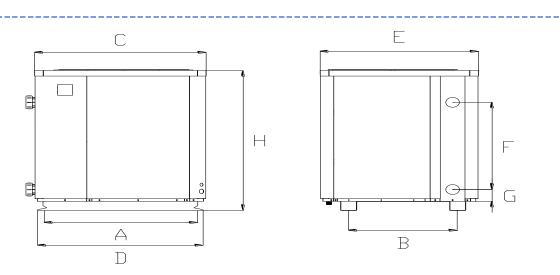
Model	AMHP060	AMHP090	
PERFORMANCE CONDITION: Air	27°C/ Water 27°C/ Humid. 80%		
Heating capacity (kW)	60.2	115.0	
Average COP at 50% Speed	10.5	10	
PERFORMANCE CONDITION: Air	15°C/ Water 26°C/ Humid. 70%		
Heating capacity (kW)	40.1	80.8	
Average COP at 50% Speed	7	7	
TECHNICAL SPECIFICATIONS			
Advised pool volume (m ³) *	62~130	125~260	
Operating air temperature (°C)	0 °C	~55℃	
Fan direction	Vertical		
Power supply	400V/3Ph/50Hz		
Rated input power (kW)	2.26~8.90	4.68~17.5	
Rated input current (A)	3.27~12.9	6.78~25.3	
Sound level at 10m dB(A)	33.0~41.0	35.0~44.0	
Advised water flux (m ³ /h)	20~25	40~50	
Water connection (mm)	75	110	
Net dimension LxWxH (mm)	1000x1110x1260	2100x1090x1280	
Net Weight (kg)	230	448	

Remarks:

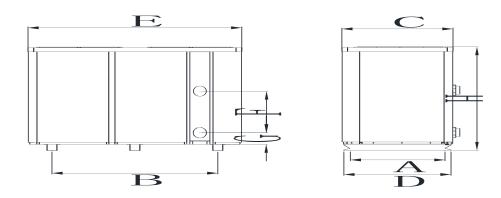
This heat pump is able to perform normal within air temp $0^{\circ}C \sim 55^{\circ}C$, efficiency will not be guaranteed out of this range. Please take into consideration that the pool heater performance and parameters are different under various conditions.

Related parameters are subject to adjustment periodically for technical improvement without further notice. For details please refer to nameplate.

6. Dimension



Size (mm) Name Model	A	В	С	D	E	F	G	Н
AMHP060	1010	705	1110	1070	1023	780	105	1260



Size (mm) Name Model	A	В	С	D	E	F	G	н
AMHP090	1010	1630	1090	1050	2100	515	140	1280

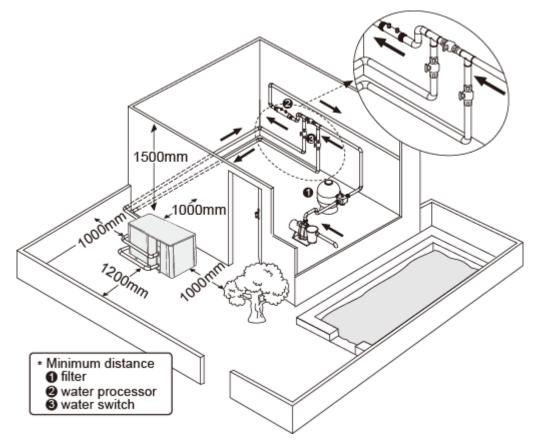
D. Installation guidance

1. Installation reminder

Only a professional staff is allowed to install the heat pump. The users are not qualified to install by themselves, otherwise the heat pump might be damaged and risky for users' safety.

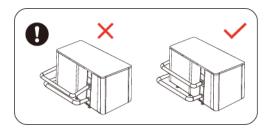
a. Location and water pipe connection

The inverter pool heat pump should be installed in a good ventilation place.



- 1) The frame must be fixed by bolts (M10) to concrete foundation or brackets. The concrete foundation must be solid and fastened; the bracket must be strong enough and antirust treated;
- Please don't stack substances that will block air flow near inlet or outlet area, and there is no barrier within 50cm behind the main machine, or the efficiency of the heater will be reduced or even stopped;
- 3) The machine needs an appended pump (Supplied by the user). The recommended pump specification-flux: refer to Technical Parameter, Max. lift ≥10m;
- 4) When the machine is running, there will be condensation water discharged from the bottom, please pay attention to it. Please hold the drainage nozzle (accessory) into the hole and clip it well, and then connect a pipe to drain the condensation water out.

b. The inlet and outlet water unions can't stand the weight of soft pipes. The heat pump must be connected with hard pipes!

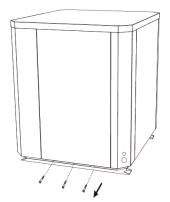


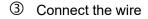
A How to connect to the terminal board of IMC60

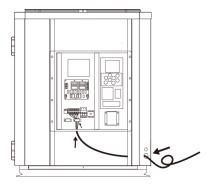
Step 1. open the maintenance panel

AMHP060

0 Remove three screws outside







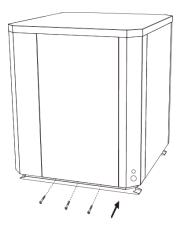
② Open the front right panel and the internal



④ Restore the internal panel and the front right panel

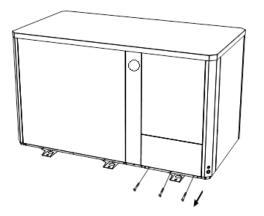


\bigcirc Fix by screws

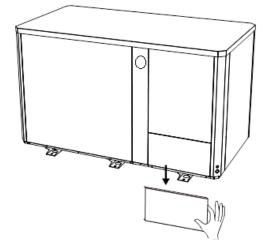


AMHP090

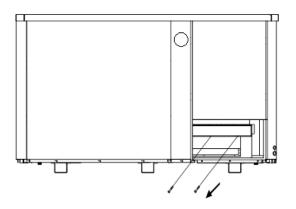
0 $% \sub{0}{3}$ Remove three screws outside



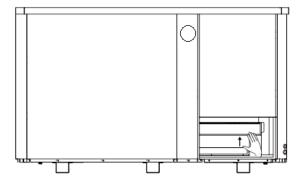
② Open the panel



 $\ensuremath{\mathfrak{I}}$ Remove two screws inside

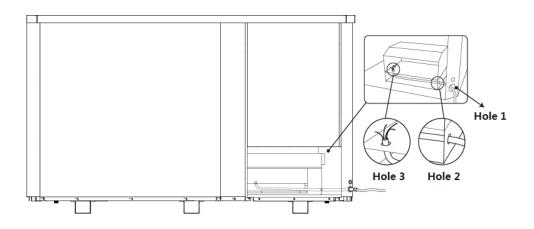


④ Open the internal

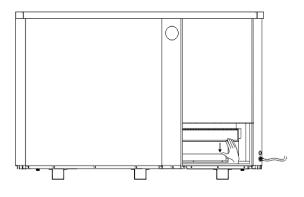


Step 2. Power cord must be passed through below 3 holes

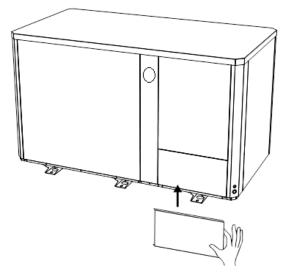
0 Connect the wire through three holes



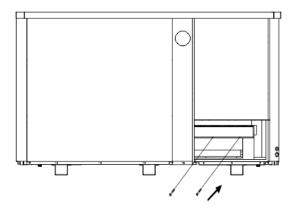
② Restore the internal panel



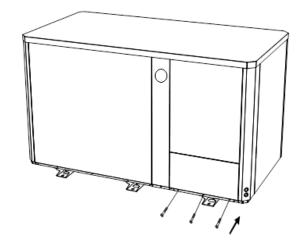
④ Restore the panel



 $\ensuremath{\mathfrak{I}}$ $\ensuremath{\mathfrak{I}}$ Fix the internal panel by two screws



⑤ Fix the panel by three screws

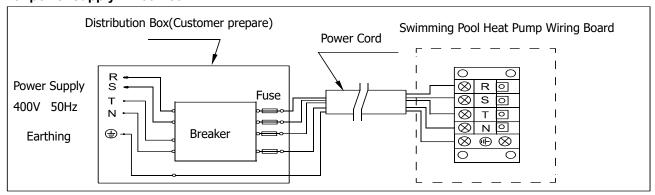


2. Wiring

- a. Connect to appropriate power supply, the voltage should comply with the rated voltage of the products.
- b. Earth the machine well.
- c. Wiring must be handled by a professional technician according to the circuit diagram.
- d. Set leakage protector according to the local code for wiring (leakage operating current \leq 30mA).
- e. The layout of power cable and signal cable should be orderly and not affecting each other.

3. Electric wiring Diagram

For power supply: 400V 50Hz



Note: 1) Must be hard wired, plug is not allowed.

2) The swimming pool heat pump must be earthed well.

4. References for protecting devices and cable specification

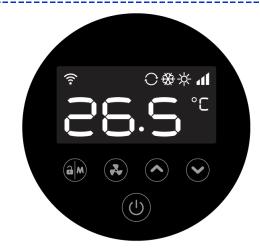
	MODEL	AMHP060	AMHP090
	Maximum Current (A)	23	45
Breaker	Residual-current circuit breaker (A)	30	30
	Fuse (A)	23	45
	Power Cord (mm ²)	5x6	5x16
	Signal cable (mm ²)	3x0.5	3x0.5

X Above data is subject to modification without notice.

Note: The above data is adapted to power cord \leq 10m. If power cord is > 10m, wire diameter must be increased. The signal cable can be extended to 50m maximumly.

E. Operation guidance

1. Key Function



Symbol	Heating & cooling models
	i. Power On/Off
\bigcirc	ii. Wi-Fi setting
	i. Lock/Unlock Screen
	ii. Heating mode (18-40°C)
	iii. Cooling mode (12-30°C)
	iv. Auto mode (12-40°C)
	i. Boost 📶
	ii. Silence ▲
	Temperature Setting

Attention:

- i. The controller has power-down memory function.
- ii. The buttons will turn dark when it's locked.

2. Operation Instruction

a. Screen Lock

- Press (a) for 3 seconds to lock or unlock the screen 1)
- 2) Automatic Lock Period: 30 seconds if no operation

b. Power On

Press for 3 seconds to unlock screen, Press U to power on machine.

c. Temperature Setting

Press and to display and adjust set temperature.

d. Mode Selection

1) Heating/Cooling/Auto

Press "(a)" to switch among heating " \dot{a} ", cooling " \ddot{a} " and auto mode " \bigcirc ".

Heating mode " $\dot{\gamma}$ ": Water temperature setting range(18-40°C)

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

Auto mode " • ?: Water temperature setting range(12~40°C)

- * When water inlet temperature is higher than setting point, automatic cooling mode starts.
- * When water inlet temperature is lower than setting point, automatic heating mode starts.
- 2) Silence/Boost mode selection

Press " to switch between boost mode 1, silence mode 1

Default mode: boost

Please choose boost mode **II** for initial heating

e. WIFI ᅙ

When the screen is on, press ""for 3 seconds, after " $\widehat{\widehat{}}$ " flashing, enter Wi-Fi connection. Connect Wi-Fi on mobile phone and input password, and then control equipment by Wi-Fi. When APP connects Wi-Fi successfully, " $\widehat{\widehat{}}$ " lights on.

f. Defrosting

- 1) Automatic defrosting: When machine is auto defrosting, $-\dot{\nabla}$ will flash, and return to previous working mode when it finishes.
- 2) Manual Defrosting: To enter forced defrosting mode, the compressor must be working more than 10 minutes. in heating mode, press " and " " on touch controller simultaneously for 5 seconds to start forced defrosting, " " is flashing and defrost starts, " " stop flashing and defrosting stops. (Remarks: the interval between manual defrosting should be more than 30 minutes.)

F. Testing

1. Inspect heat pump before use

- a. The ventilating device and outlets are operating adequately and are not obstructed.
- b. It's prohibited to install refrigeration pipe or components in corrosive environment.
- c. Inspect the electric wiring on basis of the electric wiring diagram and earthing connection.
- d. Double confirm the main machine power switch should be off.
- e. Inspect the air inlet and outlet.

2. Trial

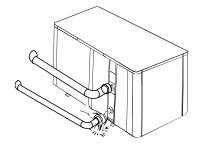
- a. The user must "Start the Pump before the Machine, and Turn off the Machine before the Pump", or the machine will be damaged.
- b. Before start the heat pump, please check for any leakage of water.
- c. In order to protect the swimming pool heat pump, the machine is equipped with a time lag starting function, the fan will run 1 minute earlier than the compressor when starting the machine, and it will stop running 1 minute later than the compressor when power off the machine.
- d. After the swimming pool heat pump start up, please kindly checking for any abnormal noise from the machine.

G. Maintenance



"CUT OFF" power supply of the heater before cleaning, examination and repairing

- 1. 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.





!!Important: Unscrew the water nozzle of inlet pipe to let the water flow out. When the water in machine freezes in winter season, the titanium heat exchanger may be damaged.

- 2. Please clean this machine with household detergents or clean water, NEVER use gasoline, thinners or any similar fuel.
- 3. Check bolts, cables and connections regularly.
- 4. If repair or scrap is required, please contact authorized service center nearby.
- 5. Do not attempt to work on the equipment by yourself. Improper operation may cause danger.

H. Trouble shooting for common faults

1. Failure solution and code

Failure	Reason	Solution		
	No power	Wait until the power recovers		
	Power switch is off	Switch on the power		
Heat pump doesn't run	Fuse burned	Check and change the fuse		
	The breaker is off	Check and turn on the breaker		
	evaporator blocked	Remove the obstacles		
Fan running but with	Air outlet blocked	Remove the obstacles		
insufficient heating	3 minutes start delay	Wait patiently		
Display normal, but no	Set temp. too low	Set proper heating temp.		
heating	3 minutes start delay	Wait patiently		
If above solutions don't work,	please contact your installer	with detailed information and		
your model number. Don't try te	o repair it yourself.			

- **Note:** If the following conditions happen, please stop the machine immediately, and cut off the power supply immediately, then contact your dealer:
 - 1. Inaccurate switch action.
 - 2. The fuse is frequently broken or leakage circuit breaker jumped.

1 E3 No water protection 2 E5 Power supply excesses operation range 3 E6 Excessive temp difference between inlet and outlet water(Insufficient water flow protection) 4 Eb Ambient temperature too high or too low protection 5 Ed Anti-freezing reminder NO. Display Faiture code description 1 E1 High pressure protection 2 E2 Low pressure protection (three phase only) 4 E7 Water outlet temp too high or too low protection 6 EA Evaporator overheat protection (only at cooling mode) 7 EC System communication failure 8 P0 Controller communication failure 9 P1 Water outlet temp sensor failure 11 P3 Gas exhaust temp protection 13 P5 Gas return temp sensor failure 14 P6 Cooling coli pipe temp sensor failure 13 P5 Gas return temp sensor failure 14 P6 Cooling coli pipe temp sensor failure 15 P7 Ambient temp sensor failure			Protection code description		
2 E6 Power supply excesses operation range 3 E6 Excessive temp difference between inlet and outlet water(Insufficient water flow protection) 4 Eb Ambient temperature to high or too low protection 5 Ed Anti-freezing reminder No. Display Failure code description 1 E1 High pressure protection 2 E2 Low pressure protection (three phase only) 4 E7 Water outlet temp too high or too low protection 5 E8 High exhaust temp protection (only at cooling mode) 7 EC System communication failure 8 PO Controller communication failure 9 P1 Water outlet temp sensor failure 11 P3 Gas exhaust temp sensor failure 12 P4 Evaporator coil pipe temp sensor failure 13 P5 Gas return temp sensor failure 14 P6 Cooling plate sensor failure 15 P7 Ambient temp sensor failure 16 P8 Cooling plate sensor failure <th>NO.</th> <th>Display</th> <th>Protection code description</th>	NO.	Display	Protection code description		
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8P0Controller communication failure9P1Water inlet temp sensor failure10P2Water outlet temp sensor failure11P3Gas exhaust temp sensor failure12P4Evaporator coil pipe temp sensor failure13P5Gas return temp sensor failure14P6Cooling coil pipe temp sensor failure15P7Ambient temp sensor failure16P8Cooling plate sensor failure17P9Current sensor failure18PARestart memory failure19F1Compressor drive module failure20F2PFC module failure21F3Compressor running failure23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection28FbPower filter plate No-power protection29FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	6	EA	Evaporator overheat protection (only at cooling mode)		
9P1Water inlet temp sensor failure10P2Water outlet temp sensor failure11P3Gas exhaust temp sensor failure12P4Evaporator coil pipe temp sensor failure13P5Gas return temp sensor failure14P6Cooling coil pipe temp sensor failure15P7Ambient temp sensor failure16P8Cooling plate sensor failure17P9Current sensor failure18PARestart memory failure20F2PFC module failure21F3Compressor start failure22F4Compressor running failure23F5Inverter board over current protection24F6Inverter board over heat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overcurrent protection	7	EC	System communication failure		
10P2Water outlet temp sensor failure11P3Gas exhaust temp sensor failure12P4Evaporator coil pipe temp sensor failure13P5Gas return temp sensor failure14P6Cooling coil pipe temp sensor failure15P7Ambient temp sensor failure16P8Cooling plate sensor failure17P9Current sensor failure18PARestart memory failure19F1Compressor drive module failure20F2PFC module failure21F3Compressor start failure23F5Inverter board over current protection24F6Inverter board over current protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	8	P0	Controller communication failure		
11P3Gas exhaust temp sensor failure12P4Evaporator coil pipe temp sensor failure13P5Gas return temp sensor failure14P6Cooling coil pipe temp sensor failure15P7Ambient temp sensor failure16P8Cooling plate sensor failure17P9Current sensor failure18PARestart memory failure19F1Compressor drive module failure20F2PFC module failure21F3Compressor start failure23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FbPower filter plate No-power protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overcurrent protection	9	P1	Water inlet temp sensor failure		
12P4Evaporator coil pipe temp sensor failure13P5Gas return temp sensor failure14P6Cooling coil pipe temp sensor failure15P7Ambient temp sensor failure16P8Cooling plate sensor failure17P9Current sensor failure18PARestart memory failure19F1Compressor drive module failure20F2PFC module failure21F3Compressor start failure23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FbPower filter plate No-power protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	10	P2	Water outlet temp sensor failure		
13P5Gas return temp sensor failure14P6Cooling coil pipe temp sensor failure15P7Ambient temp sensor failure16P8Cooling plate sensor failure17P9Current sensor failure18PARestart memory failure19F1Compressor drive module failure20F2PFC module failure21F3Compressor start failure23F5Inverter board over current protection24F6Inverter board over heat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overheat protection31FdAC fan motor overheat protection	11	P3	Gas exhaust temp sensor failure		
14P6Cooling coil pipe temp sensor failure15P7Ambient temp sensor failure16P8Cooling plate sensor failure17P9Current sensor failure18PARestart memory failure19F1Compressor drive module failure20F2PFC module failure21F3Compressor start failure22F4Compressor running failure23F5Inverter board over current protection24F6Inverter board over heat protection25F7Current protection26F8Cooling plate overheat protection28FbPower filter plate No-power protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	12	P4	Evaporator coil pipe temp sensor failure		
15P7Ambient temp sensor failure16P8Cooling plate sensor failure17P9Current sensor failure18PARestart memory failure19F1Compressor drive module failure20F2PFC module failure21F3Compressor start failure22F4Compressor running failure23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	13	P5			
16P8Cooling plate sensor failure17P9Current sensor failure18PARestart memory failure19F1Compressor drive module failure20F2PFC module failure21F3Compressor start failure22F4Compressor running failure23F5Inverter board over current protection24F6Inverter board over current protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	14	P6	Cooling coil pipe temp sensor failure		
17P9Current sensor failure18PARestart memory failure19F1Compressor drive module failure20F2PFC module failure21F3Compressor start failure22F4Compressor running failure23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	15	P7	Ambient temp sensor failure		
18PARestart memory failure19F1Compressor drive module failure20F2PFC module failure21F3Compressor start failure22F4Compressor running failure23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FbPower filter plate No-power protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	16	P8	Cooling plate sensor failure		
19F1Compressor drive module failure20F2PFC module failure21F3Compressor start failure22F4Compressor running failure23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FbPower filter plate No-power protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	17	P9	Current sensor failure		
20F2PFC module failure21F3Compressor start failure22F4Compressor running failure23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	18	PA	Restart memory failure		
21F3Compressor start failure22F4Compressor running failure23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FbPower filter plate No-power protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	19	F1	Compressor drive module failure		
22F4Compressor running failure23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FbPower filter plate No-power protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	20	F2	PFC module failure		
23F5Inverter board over current protection24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FbPower filter plate No-power protection28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	21	F3	Compressor start failure		
24F6Inverter board overheat protection25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FbPower filter plate No-power protection28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	22	F4	Compressor running failure		
25F7Current protection26F8Cooling plate overheat protection27F9Fan motor failure28FbPower filter plate No-power protection28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	23	F5	Inverter board over current protection		
26F8Cooling plate overheat protection27F9Fan motor failure28FbPower filter plate No-power protection28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	24	F6	Inverter board overheat protection		
27F9Fan motor failure28FbPower filter plate No-power protection28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	25	F7	Current protection		
28FbPower filter plate No-power protection28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	26	F8	Cooling plate overheat protection		
28FAPFC module over current protection29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	27	F9	Fan motor failure		
29FAPFC module over current protection30FCAC fan motor overcurrent protection31FdAC fan motor overheat protection	28	Fb	Power filter plate No-power protection		
30 FC AC fan motor overcurrent protection 31 Fd AC fan motor overheat protection	28	FA	PFC module over current protection		
31 Fd AC fan motor overheat protection	29	FA	PFC module over current protection		
	30	FC	AC fan motor overcurrent protection		
22 EE AC for motor phase protection	31	Fd	AC fan motor overheat protection		
32 FE AC ian motor phase protection	32	FE	AC fan motor phase protection		

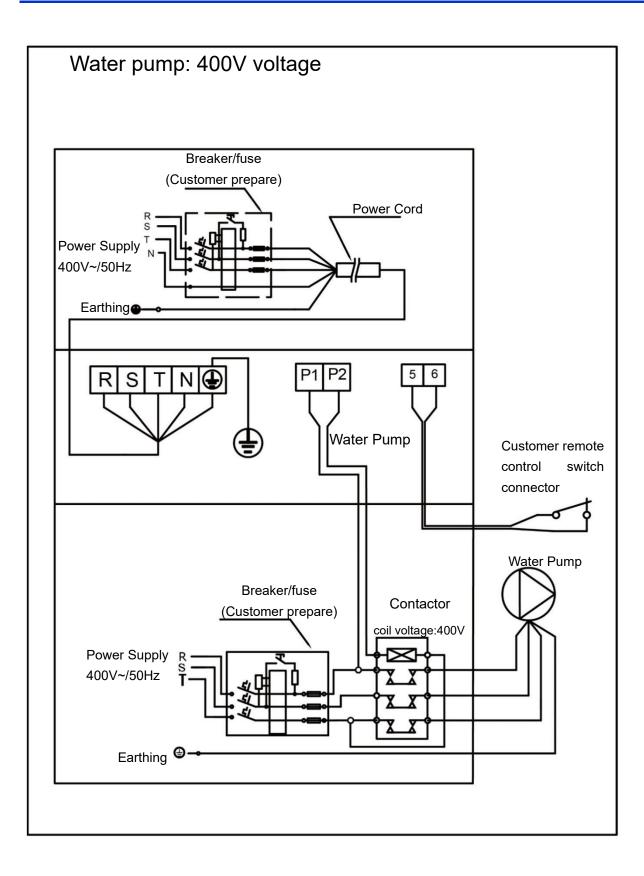
Protection & Failure code

Notice!

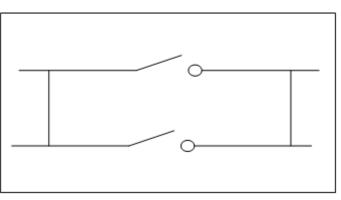
System 1 failure 1 or no display after the error code

System 2 failure 2 is displayed after the error code

I. Electrical wiring schematic (optional)



Water pump control and timer connection

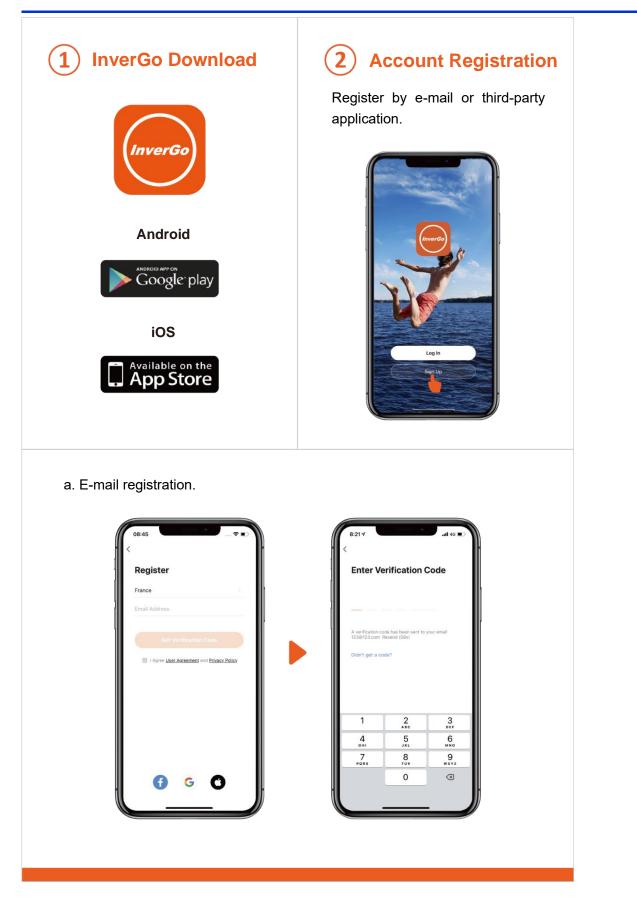


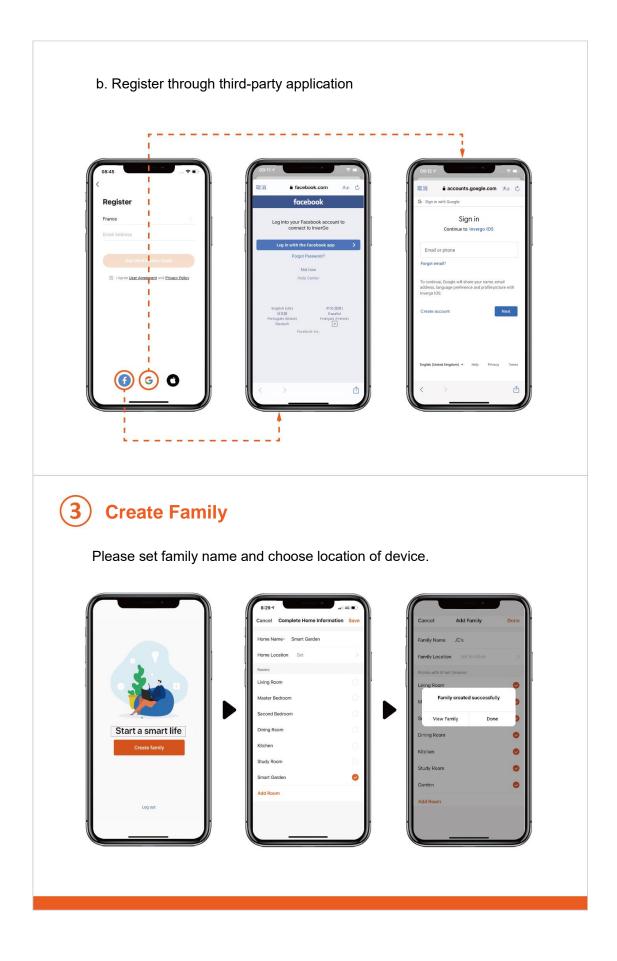
1: Water pump timer

2: Water pump wiring of Heat Pump

Note: The installer should connect 1 parallel with 2 (as above picture). To start the water pump, condition 1 or 2 is connected. To stop the water pump, both 1 and 2 should be disconnected.

J. Wi-Fi operation

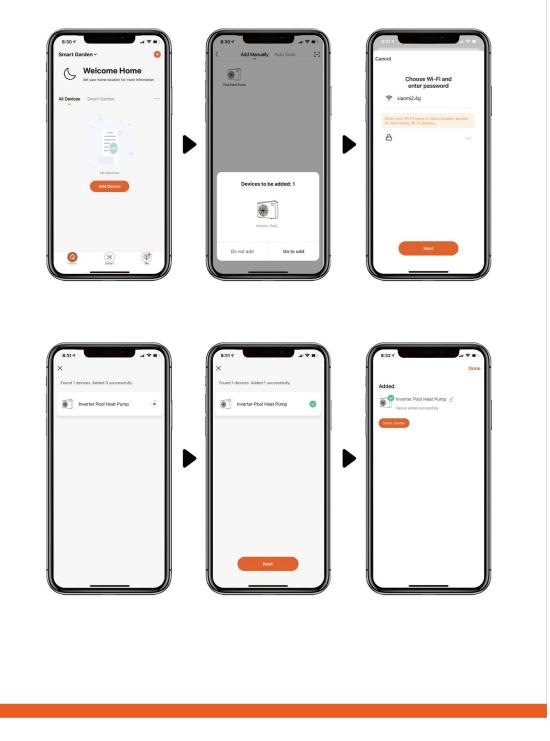




4 APP Pairing

a. With Bluetooth

- 1. Please confirm that you're connected to Wi-Fi and your Bluetooth is on.
- 2. Click "Add Device", and then follow the instructions to pair device.

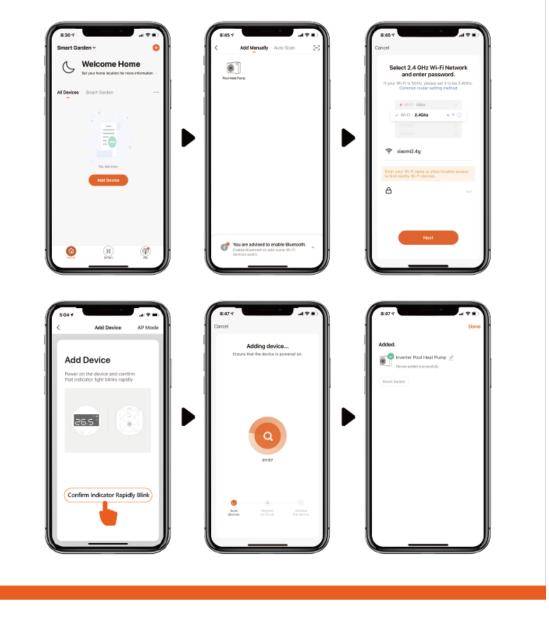


b. With Wi-Fi

- 1. Please make sure you are connected to Wi-Fi.
- Press "⊕" for 3 seconds to unlock the screen. Press "⊕" for 3 seconds and release. After hearing "Beep", enter Wi-Fi password in app. During connection, "[¬]?" will flash. Once the app connects to Wi-Fi successfully, "[¬]?" will display.



3. Click "Add Device", and then follow the instructions to pair device.



vith Heating function only	
8-33-1	Indicate Boost/Silence mode
1007v Boost	°C/°F switch
*24 °C 0	Inlet water temperature
Q	Query
- 🛞 🛞 -	Timer On/Off
	 Inverter Pool Heat Pump ∠ (µ) ★ 100% Boest 224 °C

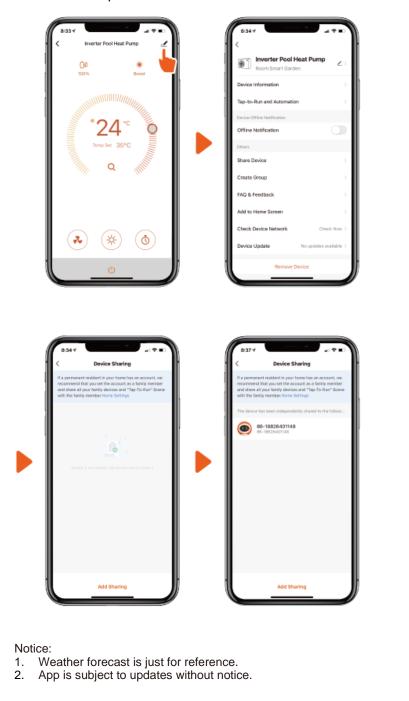
2. For heat pump with Heating & Cooling function:

Operation

Compressor speed	00 🐝	Indicate Boost/Silence mode °C/°F switch
Setting temperature	°24°	Inlet water temperature
	Temp Set 35°C	Query
		Select Heating Cooling/Auto mode
Select Boost/ Silence Mode	-2 68 0-	Time
		On/Of

6 Share Devices to Your Family Members

After pairing, if your family members also want to control the device, please let your family members register "InverGo" first, and then the administrator can operate as below:



AQ18CKEV-R410A-V22