## **ATECPOOL**

# SIROCCO INVERTER HEAT PUMP



Models: AVHP265 & AVHP308 & AVHP352& AVHP411

FULL DC INVERTER SWIMMING POOL HEAT PUMP

## **USER MANUAL**

Please read this manual carefully before using and keep it in a safe place.



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- I. Unit Parameters
- 1. Appearance



#### Please read the below instructions.

- Please install the unit in compliance with local laws, regulations and standards;
- Confirm power voltage and frequency;
- The unit should be installed by a professional installer

#### A Warning

To be installed by professional installer only

## II. System Specification

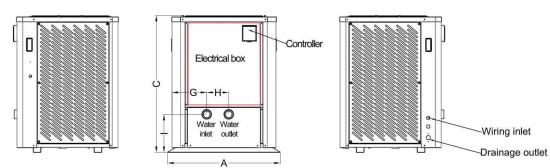
#### 1. Specification

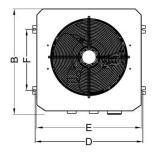
| opeemeation                             |                                     |                     |  |
|---|-------------------------------------|---------------------|--|
| Model                                   | AVHP265                             | AVHP308             |  |
| Air Temperature: 27°C, inlet/outlet wat | er temperature: 26°C/28°C, humidity | 80%                 |  |
| Heating capacity (kW)                   | 9.2-26.5                            | 10.3-30.8           |  |
| Power input (kW)                        | 0.62-4.34                           | 0.7-5.06            |  |
| COP                                     | 14.82-6.1                           | 14.7-6.09           |  |
| Air Temperature: 15°C, inlet/outlet wat | er temperature: 26°C,humidity 70%   |                     |  |
| Heating capacity (kW)                   | 7.86-17.87                          | 8.55-19.84          |  |
| Power input (kW)                        | 1.11-3.74                           | 1.17-4.17           |  |
| СОР                                     | 7.05-4.78                           | 7.28-4.76           |  |
| Air Temperature: 35°C, inlet/outlet wat | er temperature: 30°C/28°C           |                     |  |
| Cooling capacity (kW)                   | 7.5-10.25                           | 8.8-11.9            |  |
| Power input (kW)                        | 1.41-2.53                           | 1.77-2.94           |  |
| EER (W/W)                               | 5.32-4.05                           | 4.95-4.05           |  |
| Air Temperature: 43°C, inlet/outlet wat | er temperature: 30°C/28°C           |                     |  |
| Cooling capacity (kW)                   | 4.5-8.23                            | 4.7-9.56            |  |
| Power input (kW)                        | 1.01-2.56                           | 1.05-2.97           |  |
| EER (W/W)                               | 4.45-3.21                           | 4.48-3.21           |  |
| Power supply (V/Ph/Hz)                  | 380-415V/3N~/50-60Hz                |                     |  |
| Max power input (kW)                    | 6.1                                 | 6.5                 |  |
| Max current (A)                         | 10.9                                | 11.6                |  |
| Heating temperature range               | 27°C~                               | ~34°C               |  |
| Cooling temperature range               | 26°C~                               | ~15°C               |  |
| Running temperature range               | -10°C⁄                              | ~48°C               |  |
| Refrigerant                             | R41                                 | 10A                 |  |
| Compressor                              | MITSUBISHI ELEC                     | TRIC ( DC inverter) |  |
| Air side heat exchanger                 | Hydrophilic                         | fin and tube        |  |
| Water side heat exchanger               | Titanium tube ł                     | neat exchanger      |  |
| Water flow (m³/h)                       | 11.4                                | 13.2                |  |
| Net dimension LxWxH (mm)                | 760x679x965                         | 795*742*965         |  |
| Water pipe connection (mm)              | 5                                   | 0                   |  |
| Net weight (kg)                         | 105                                 | 108                 |  |
| Noise level dB(A)                       | 61                                  | 62                  |  |
| Water proof level                       | IP                                  | X4                  |  |
|   | 1                                   |                     |  |

| Model                                 | AVHP352                               | AVHP411             |  |
|---------------------------------------|---------------------------------------|---------------------|--|
| Air Temperature: 27°C, inlet/outlet w | ater temperature: 26°C/28°C, humidity | 80%                 |  |
| Heating capacity (kW)                 | 11.7-35.2                             | 12.9-41.1           |  |
| Power input (kW)                      | 0.79-5.77                             | 0.88-6.95           |  |
| COP                                   | 14.82-6.1                             | 14.74-5.91          |  |
| Air Temperature: 15°C, inlet/outlet w | ater temperature: 26°C/28°C,humidity  | 70%                 |  |
| Heating capacity (kW)                 | 8.96-24.56                            | 9.51-28.1           |  |
| Power input (kW)                      | 1.31-5.25                             | 1.36-5.98           |  |
| COP                                   | 6.84-4.68                             | 7-4.7               |  |
| Air Temperature: 35°C, inlet/outlet w | ater temperature: 30°C/28°C           |                     |  |
| Cooling capacity (kW)                 | 5.56-14.24                            | 5.98-17.14          |  |
| Power input (kW)                      | 1.11-3.58                             | 1.19-4.27           |  |
| EER (kW)                              | 5.01-3.98                             | 5.03-4.01           |  |
| Air Temperature: 43°C, inlet/outlet w | ater temperature: 30°C/28°C           |                     |  |
| Cooling capacity (kW)                 | 5.06~11.4                             | 5.28~13.71          |  |
| Power input (kW)                      | 1.15~3.51                             | 1.19~4.18           |  |
| EER (W/W)                             | 4.4~3.25                              | 4.44~3.28           |  |
| Power supply (V/Ph/Hz)                | 380-415V/3                            | N~/50/60Hz          |  |
| Max power input (kW)                  | 7.3                                   | 8.0                 |  |
| Max current (A)                       | 13.0                                  | 14.3                |  |
| Heating temperature range             | 27°C~                                 | ·34°C               |  |
| Cooling temperature range             | 26°C~                                 | ·15°C               |  |
| Running temperature range             | -10°C⁄                                | ~48°C               |  |
| Refrigerant                           | R41                                   | 0A                  |  |
| Compressor                            | MITSUBISHI ELEC                       | TRIC ( DC inverter) |  |
| Air side heat exchanger               | Hydrophilic                           | fin and tube        |  |
| Water side heat exchanger             | Titanium tube h                       | eat exchanger       |  |
| Water flow (m <sup>3</sup> /h)        | 15.1                                  | 17.6                |  |
| Net dimension LxWxH (mm)              | 900x81                                | 2x1054              |  |
| Water pipe connection (mm)            | 5                                     | 0                   |  |
| Net weight (kg)                       | 137                                   | 140                 |  |
| Noise level dB(A)                     | 67                                    | 68                  |  |
| Water proof level                     | IPX4                                  |                     |  |

The technical specification of our heat pumps is provided for information purpose only. We reserve the right to make change without notice in advance.

- 1. Ambient air temperature
- 2. Initial water temperature
- 3. Noise at 1m, 4m and 10m comply with Directives EN ISO 3741 and EN ISO 354
- 4. Calculate according to an in-ground private swimming pool covered with bubble

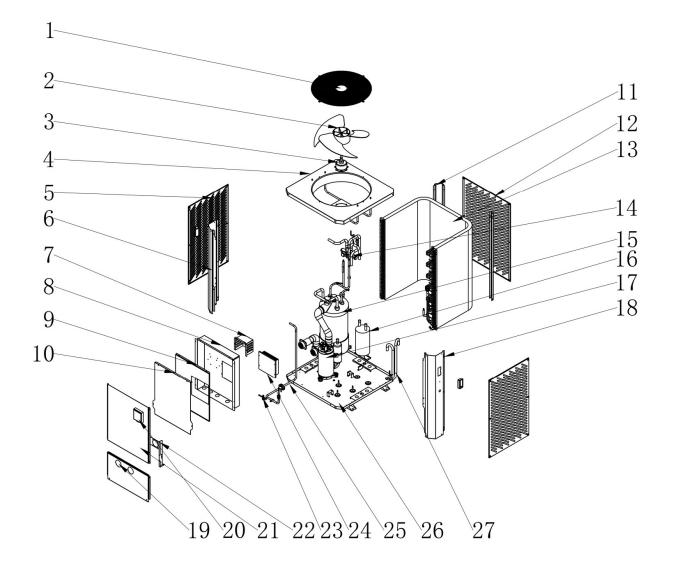




| Model   | Α   | В   | С    | D   | E   | F   | G   | Н   | I   |
|---------|-----|-----|------|-----|-----|-----|-----|-----|-----|
| AVHP265 | 760 | 679 | 965  | 725 | 715 | 375 | 192 | 155 | 268 |
| AVHP308 | 795 | 742 | 965  | 760 | 738 | 430 | 247 | 155 | 268 |
| AVHP352 | 000 | 010 | 1054 | 965 | 946 | 500 | 250 | 455 | 269 |
| AVHP411 | 900 | 812 | 1054 | 865 | 846 | 500 | 252 | 155 | 268 |

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#### 3. Exploded View



| 1 | Fan protection cover | 10 | Electrical box 3                | 19 | Front panel 1             |
|---|----------------------|----|---------------------------------|----|---------------------------|
| 2 | Fan                  | 11 | Stand column 2                  | 20 | Controller                |
| 3 | Fan motor            | 12 | Metal mesh cover 2              | 21 | Front panel 2             |
| 4 | Top cover plate      | 13 | Fin heat exchanger              | 22 | Fixed plate               |
| 5 | Metal mesh cover     | 14 | Four way valve welding assembly | 23 | Globe valve               |
| 6 | Stand column 1       | 15 | Titanium tube heat exchanger    | 24 | Drive board               |
| 7 | Damper               | 16 | Gas liquid separator            | 25 | Filter welding components |
| 8 | Electrical box 1     | 17 | Inverter compressor             | 26 | Chassis components        |
| 9 | Electrical box 2     | 18 | Stand column 3                  | 27 | Inlet piping components   |

#### III. Installation Instructions

WARNING: Only a professional is allowed to install the heat pump. Unqualified users cannot

install by themselves, otherwise the heat pump might be damaged and the user's safety will be risked. This section is provided for information purposes only and must be checked and adapted if necessary, according to actual installation conditions.

#### 1. Pre-Requirements

Equipment needed for installation of heat pump:

- Suitable power supply cable for unit's power.
- A by-pass kit and an assembly of PVC tube, stripper, PVC adhesive and sandpaper.
- A set of wall plugs and an expansion screw.
- We recommend using a flexible PVC pipe in order to reduce transmission of vibration.
- Suitable fastening studs may be used to raise the unit.

#### 2. Location and pipe connection

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

1) The frame must be fixed by bolts (M10) to a concrete base or brackets. The concrete base must be solid and fastened; the bracket must be strong enough and antirust treated;

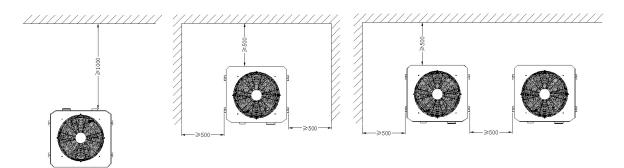
2) Please don't stack substances that will block air flow near inlet or outlet area, make sure there is no barrier within 50cm behind the main machine, or the efficiency of the heater will be reduced or the machine may break;

3) The machine needs an appended pump (not included with the heat pump).

For the recommended pump specification-flux: refer to Technical Parameter,

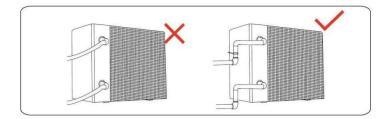
Max. Lift ≥10m;

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.

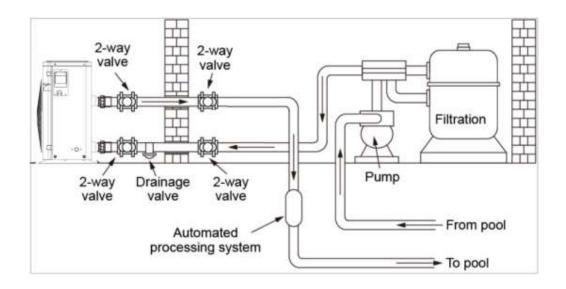


Do not place anything within at least 1m in front of the heat pump. Leave at least 50cm of empty space around the sides and rear of the heat pump. Do not put anything on or in front of the heat pump!

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



#### 3. Installation Layout



The heat pump is connected to a filtration circuit with a by-pass valve. The by-pass valve should be half-opened (throttled), while all the other valves should be completely opened. It is suggested that the by-pass valve only be opened half way to avoid excessive pressure on the heat pump.

It is imperative that the by-pass is placed after the water pump and filtration. The by-pass path usually consists of 3 valves. That makes it possible to adjust water flow which passes through the heat pump and isolates the heat pump completely from any maintenance without affecting flow of filtration cycle. The filter must be cleaned regularly to ensure that the water in the system is clean and avoids blocking the filter. It is necessary that the drainage valve is fixed on the lower water pipe. If the unit is not running during winter time, please disconnect the power supply and let water drain out from the unit through the drainage valve. If the ambient temperature of the running unit is below 0°C, please keep the water pump running.

#### 4. Electrical Connection

#### **Power Supply Wires Size**

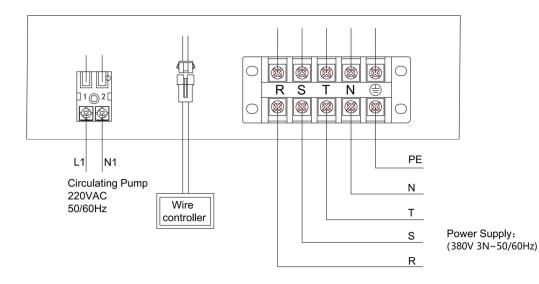
| Model   | Power Supply Wires |                      |               |  |  |
|---------|--------------------|----------------------|---------------|--|--|
| WOUEI   | Electricity Supply | Cable Diameter       | Specification |  |  |
| AVHP265 | 380-415V/3Ph/50Hz  | 5×2.5mm <sup>2</sup> | AWG 12        |  |  |
| AVHP308 | 380-415V/3Ph/50Hz  | 5×2.5mm <sup>2</sup> | AWG 12        |  |  |
| AVHP352 | 380-415V/3Ph/50Hz  | 5×4.0mm <sup>2</sup> | AWG 10        |  |  |
| AVHP411 | 380-415V/3Ph/50Hz  | 5×4.0mm <sup>2</sup> | AWG 10        |  |  |

- ▲ WARNING: Power supply of heat pump must be disconnected before any operation. Please comply with the following instruction to connect the heat pump.
- Step 1: Detach electrical side panel by a screwdriver to access the electrical terminal block.
- > Step 2: Insert cable into heat pump unit port.
- > Step 3: Connect power supply cable to terminal block according to the diagram below.

#### 4.1 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 ≤ 30mA).
- e. The layout of power cable and signal cable should be orderly and not affecting each other.



#### IV. Running Test

#### 1. Inspection Before Running Test

- a. Please run an inspection test after completing installation;
- b. Before running test, confirm below items and write  $\sqrt{}$  in the block;
- Unit installed correctly
- Power supply voltage is the same as unit rated voltage
- Correct piping and wiring
- Air inlet and outlet ports from the air unit unblocked
- Drainage and venting are unblocked and no water leaking
- Leakage protector is working
- Piping insulation is working
- Ground wire is connected correctly
- c. All wiring and piping should be connected well and carefully checked, then fill the water tank with water before power is switched on;

d. Empty all air within pipes and from water tank, then press "on-off" button on control panel to run the unit at setting temperature;

- e. Items need to be checked during running test:
- During the first running, check if unit current is normal or not;
- Check if each function button on control panel are functioning correctly or not;
- Display screen is correct or not;
- Is there any leakage in the whole heating circulation system?
- Condensation drain is correct or not;
- Are there any abnormal sounds or vibration while running the unit?

#### 2. Control Function Description

#### 2.1 Operation Description

①Control Panel Diagram



2 Panel Symbol Description

| Symbol | Name   | Symbol | Name                             | Symbol       | Name          |
|--------|--------|--------|----------------------------------|--------------|---------------|
|        | On-off | *      | Heating Mode<br>or<br>Defrosting | Ó            | Silent Mode   |
| ٢      | Set    | *      | Cooling Mode                     |              | Smart Mode    |
| +      | Up     | Ø      | Key lock                         | $\mathbf{O}$ | Powerful Mode |
| —      | Down   |        | Fault                            |              |               |
| Μ      | Mode   | ((1-   | Wi-Fi                            |              |               |

③Operation Guideline List

| NO. | Item                        | Operation Way   |
|-----|-----------------------------|---|
| 1   | Unlock                      | Press the "+" and " " keys for 3 seconds in the main interface to unlock /lock the screen.  |
| 2   | On-off                      | In the main interface, press and hold the " <sup>(1)</sup> " key for 3 seconds to turn on / off.  |
| 3   | Check Running<br>Parameters | In the main interface, press and hold the "-" key for 3 seconds to<br>enter the unit status parameter query, cooperate with the "+" and "-<br>" keys for parameter browsing, and press the " key to exit the<br>parameter query.(See table 1) |

| NO. | Item                                | Operation Way   |  |  |
|-----|-------------------------------------|---|--|--|
| 4   | Choose Mode                         | In the power on state, long press "M" for 3 seconds to switch the working mode: heating mode and cooling mode.  |  |  |
| 5   | Mode Switch                         | In the power on interface, press " to switch frequency mode: mute, smart and strong mode.   |  |  |
| 6   | Adjust Temperature                  | In the power on interface, press "+" or " " to adjust the current mode setting temperature.   |  |  |
| 7   | Adjust Time                         | Long press " and " + " for 3 seconds to enter the clock setting<br>state. First, the hour flashes, indicating that the hour value of the current<br>time can be adjusted through " + " and " " keys. Every time you<br>press the " + " key for plus one hour, every time you press the " - "<br>key for minus one hour. If you hold down the " + " key or " - " key, the<br>hours will be incremented or decremented automatically. After setting<br>the hour value, press " again; At this time, the minute flashes,<br>indicating that the minute value of the current time can be adjusted<br>through the " + " and " - " key. After setting the minute value, press "<br>again to finish.   |  |  |
| 8   | Adjust Timing                       | Press " ror 3 seconds to enter the timing setting:<br>Enter timing selection,the hour of "Timing On 1" will flash ,collect " + "<br>and " and |  |  |
| 9   | Forced Defrosting                   | Press the "M"and " Reys to enter the forced defrost mode.<br>When entering the defrost, showing flashes   |  |  |
| 10  | Celsius/Fahrenheit<br>switch        | When off ,Press " <sup>()</sup> "and" <sup>M</sup> " for 3 seconds in main interface to switch Celsius/Fahrenheit   |  |  |
| 11  | Turn on Electric<br>Heater Manually | Long press "+" for 3 seconds in main interface to turn on/off the electric heater function.   |  |  |

#### Table 1

| Code | Meanings                   |  |  |  |
|------|----------------------------|--|--|--|
| A01  | Water inlet temperature    |  |  |  |
| A02  | Water outlet temperature   |  |  |  |
| A03  | Ambient temperature        |  |  |  |
| A04  | Exhaust temperature        |  |  |  |
| A05  | Air inlet temperature      |  |  |  |
| A06  | Outer coil temperature     |  |  |  |
| A07  | Inner coil temperature     |  |  |  |
| A08  | Main EEV opening           |  |  |  |
| A09  | Reserved                   |  |  |  |
| A10  | Compressor current         |  |  |  |
| A11  | IPM temperature            |  |  |  |
| A12  | DC bus voltage value       |  |  |  |
| A13  | Actual speed of compressor |  |  |  |
| A14  | DC fan speed               |  |  |  |

#### 3. Fault Code and Solution

- 3.1. Fault Code Description
- In the running process of unit, the unit may be faulted if the following code is displayed, please turn off power switch of the unit and turn on power switch of unit again after 30 seconds. The code is no longer displayed, that means the unit could be used again. If the code is displayed again, please contact our company for troubleshooting!

| Code  | Description                                   | Reservations   |
|-------|---|--|
| Er 03 | Water flow protection                         | Check water flow switch, change the switch if necessary  |
| Er 04 | Winter anti-freezing                          | Water pump will run automatically for first grade antifreeze   |
| Er 05 | High pressure Protection                      | Measure the pressure value when heat<br>pump is heating(cooling), if it's higher than<br>44.0 bar, it means heat pump has got really<br>higher pressure protection:<br>1. Detect EEV step, low pressure and<br>suction temp;<br>2. Detect the inlet/outlet water temp,;<br>3. Maybe there is some air in the<br>refrigeration system;<br>4.Clean the water exchanger or water filter |
| Er 09 | Communication failure between Display and PCB | 1.Check if the communication connection<br>wire between display and PCB is well .<br>Change or mend the wire if necessary .<br>Check the PCB or display. If damaged,<br>Change the corresponding part .  |

| Er 10 | Communication failure of frequency conversion<br>module(alarm when communication between<br>display and PCB is disconnected) | Change PCB.   |
|-------|--|---|
| Er 12 | High exhaust temp protection   | <ol> <li>Replace the compressor exhaust<br/>temperature sensor.</li> <li>Reconnect or clean compressor exhaust<br/>temperature sensor and wrap it with<br/>insulation tape.</li> <li>Replace the controller or PC Board.</li> </ol> |
| Er 15 | Water inlet temperature failure  | Check the connection, change the sensor if necessary.   |
| Er 16 | External coil temperature failure  | Check the connection, change the sensor if necessary.   |
| Er 18 | Exhaust temperature failure  | Check the connection, change the sensor if necessary.   |
| Er 19 | DC fan motor failure   | 1.Check DC fan motor. Change it if<br>damaged.<br>Check output port of DC fan motor on PCB.<br>Change the PCB if there is no output.  |
| Er 20 | Abnormal protection of frequency conversion module   | Solve it according to the subsidiary error codes in the following table.  |
| Er 21 | Ambient temperature failure  | Check the connection, change the sensor if necessary.   |
| Er 23 | Low outlet water temp protection when cooling  | Check the water flow and water system,mend it if necessary.   |
| Er 27 | Water outlet temperature failure   | Check the connection, change the sensor if necessary.   |
| Er 28 | CT over current protection   |   |
| Er 29 | Suction temperature failure  | Check the connection, change the sensor if necessary.   |
| Er 32 | High outlet water temperature protection when<br>heating   | Check the water flow and water system,mend it if necessary  |
| Er 33 | Outdoor coil high temperature protection   | Wait for the ambient temperature drops and restart the unit.  |
| Er 42 | Internal coil temperature failure  |   |

E20 fault will display the following error codes at the same time, the error codes will switch every 3 seconds. Among them, error codes 1-128 appear in priority. When error codes 1-128 don't appear, then it will show error codes 257-384. If two or more error codes appear at the same time, then display error codes accumulation. For example, 16 and 32 occur at the same time, it will show 48.

| Code | Parameters Meaning             | Description        | Fault Solution              |
|------|--------------------------------|--------------------|-----------------------------|
| 1    | IPM over current               | IPM module issues  | Replace the inverter module |
| 2    | Abnormal press synchronization | Compressor failure | Replace the compressor      |
| 4    | Reservation                    |                    |                             |

| 8   | Compressor output phase loss                   | Compressor connection broken, bad contact                                   | Check compressor circuit  |
|-----|--|---|---|
| 16  | DC bus voltage is low                          | Input voltage is too low, pfc module fault                                  | Check input<br>voltage,replace module   |
| 32  | DC bus voltage is high                         | Input voltage is too high, pfc module<br>fault                              | Replace the inverter module   |
| 64  | Imp temp. Is too high                          | Fan failure, air duct blockage  | Check fan and air duct  |
| 128 | Imp temp. Fault                                | Short circuit or open circuit fault of IPM sensor                           | Replace the inverter module   |
| 257 | Communication failure                          | The inverter module has not received the command from the main controller   | Check the<br>communication line<br>between main controller<br>and inverter module |
| 258 | AC input phase loss                            | Input phase loss (available for three-<br>phase module)                     | Check the input circuit   |
| 260 | AC input over current                          | Input three-phase unbalance(available for three-phase module)               | Check the three-phase voltage   |
| 264 | AC input voltage is low                        | Input voltage is low  | Check the input voltage   |
| 272 | High pressure failure                          | Compressor high voltage failure (Reservation)                               |   |
| 288 | IPM temp. Is too high                          | Fan failure, air duct blockage  | Check fan and air duct  |
| 320 | The peak current of the compressor is too high | Compressor current is too large, the driver and the compressor do not match | Replace the inverter module   |
| 384 | PFC module temp. is too high                   | PFC module temp. Is too high  | Check the PFC module  |

### 3.2. Trouble Shooting

| Phenomenon  | Cause  | Solution   |
|---|--|--|
| Unit is not running   | <ol> <li>Power outage</li> <li>Power switch is not connected</li> <li>Power switch fuse is burned-out</li> <li>Timing is not up</li> </ol>                                       | <ol> <li>Please wait for power supply<br/>recovery</li> <li>Connect power</li> <li>Replace fuse</li> <li>Please wait or cancel timing<br/>setting</li> </ol> |
| Unit is not running<br>after starting up                            | <ol> <li>Compressor protection time interval is not<br/>up</li> <li>Water temperature of the unit does not<br/>reach starting up water temperature value</li> </ol>              | <ol> <li>Please wait patiently for the<br/>end of protection time</li> <li>Normal phenomenon and<br/>wait for water temperature to<br/>reach</li> </ol>      |
| Unit is running<br>normally, but hot<br>water temperature<br>is low | <ol> <li>Improper temperature setting</li> <li>Large hot water consumption</li> <li>Air inlet port or outlet port of outdoor<br/>machine or indoor machine is blocked</li> </ol> | <ol> <li>Set up proper temperature</li> <li>Wait for temperature of hot<br/>water to rise</li> <li>Clear tuyere obstruction</li> </ol>                       |
| Unit is running automatically                                       | Reach timing to start up   | Please shutdown manually or<br>cancel timing if needn't start up   |

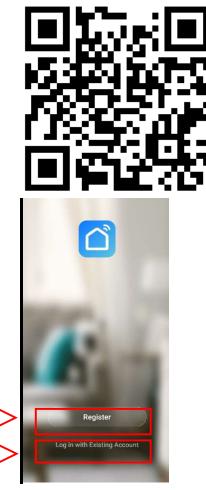
#### V. WIFI Settings

#### Software Installation

Method 1: Search"Smart life" in your APP store ,install "



Method 2: Scan the QR code below.



Click "Create a new user" link to enter the registration method interface registration method interface

If you already have an account, click directly to sign in

# When a user enters the registration page, please follow the page prompt to register $\overset{<}{\overset{}}$

|   | Register              |            |
|---|-----------------------|------------|
|   | Armenia +374          | >          |
|   | Mobile Number/Email   |            |
| Follow the prompts to complete the registration | Get Verification Code | icy Policy |

User Login:

Once the registration is successful, the software will jump to the login screen and enter the correct "user name" and "password" to log in.

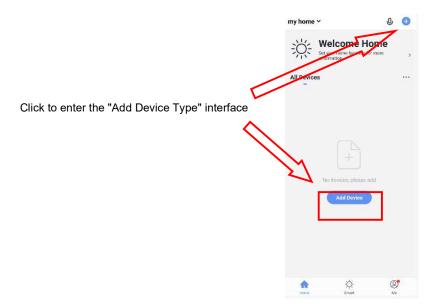
|                                   | Log In              |
|-----------------------------------|---------------------|
| Select the correct                | Armenia +374        |
| Enter the correct username        | Mobile Number/Email |
| Enter the correct password        | Password            |
| Click the login button to sign in | Log In              |
|                                   | Forgot Password     |
|                                   |                     |
|                                   |                     |
|                                   |                     |
|                                   | Social Login        |
|                                   |                     |

Mobile phone first needs to connect to the network via WIFI

|                       | $\leftarrow$ wlan                       |            |
|-----------------------|---|------------|
| Open"WLAN"            | WLAN<br>View help                       |            |
|                       | More settings                           | >          |
|                       | AVAILABLE NETWORKS                      |            |
| Connect Wi-Fi interne | niuentai<br>Connected                   | <b></b>    |
|                       | Honor 7X<br>Encrypted                   | <b>a</b>   |
|                       | ChinaNet-F4Es<br>Encrypted              | <b>a</b>   |
|                       | DIRECT-4a-HP M130 LaserJet<br>Encrypted | <b>A</b>   |
|                       | TP-LINK_3F3A<br>Open                    | ( <b>•</b> |
|                       | ChinaNet-xCjb<br>Encrypted              |            |
|                       | Add network                             |            |

This WIFI is not the WIFI inside the module but WIFI that can be connected to the Internet;

After the user logs on to the software, Device binding Click on the top right corner for Make a binding "+"or"Add a device"



|                           |   | <                      | Add Manually                  | Auto Scan 🛛 🖯               |                                   |
|---------------------------|---|------------------------|-------------------------------|-----------------------------|-----------------------------------|
|                           |   | Electrician            | 0                             | 0                           | -                                 |
|                           |   | Lighting               | Ventilation<br>System         | Smart Heat<br>Pump          | Air Conditioner                   |
| Go to the right interface |   | Large<br>Home A        | Refrigerator                  | Washing                     | Air Conditioner<br>(Zigber)       |
|                           | , i i i i i i i i i i i i i i i i i i i | Small<br>Home A        |                               |                             |                                   |
|                           |   | Kitchen Ap<br>pliances | Water Heater                  | Ventilation<br>System(BLE., | Ventilation<br>System<br>(Zigbee) |
|                           |   | Security &<br>Sensors  | _                             |                             |                                   |
|                           |   | Exercise &<br>Health   | Air Conditioner<br>(BLE+W+Fi) | Refrigerator(BL<br>E+WiFi)  |                                   |
|                           |   | Video Surv<br>eillance |                               |                             |                                   |
|                           |   | Gateway<br>and others  |                               |                             |                                   |
|                           |   |                        |                               |                             |                                   |

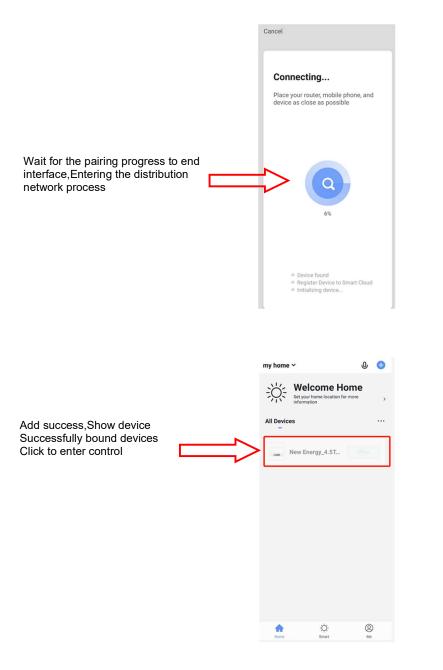
When select device type,Go to Add "Device Interface". EZ Mode (Default): Press and hold the "+" and "M" keys at the same time for 3 seconds to enter the distribution network. The " icon will flash rapidly;

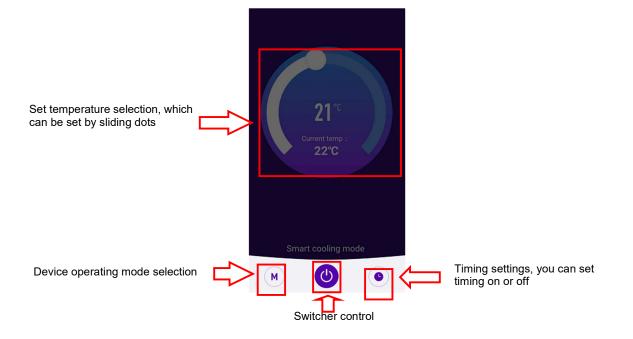
| 3:38 🕫            | #! ?■  | 3:26  | 57                          | 11 <del>-</del> •   |       |
|-------------------|--|---|-----------------------------|---|-------|
| Cancel            | EZ Mode 😓  | Switch to EZ Modence  | I                           |   |       |
| blinking rapidly. | confirm that the indicator is<br>e network distribution within |   | enter<br>your Wi-Fi is 5GHz | z Wi-Fi Network and<br>password.<br>t, please set it to be 2.4GHz.<br>uter setting method |       |
|                   | ing as prompted. >   |   | × Wi-Fi - 5G                |   |       |
|                   |  | Enter the correct \<br>password,<br>Click "Comfirm" at<br>input | niuentai<br>ter             | <u>ن</u>  |       |
| Confirm the indic | cator is blinking rapidly.                                     |   |                             |   |       |
| N                 | Vext   |   |                             | Next  |       |
|                   |  |   |                             |   |       |
| AP Mode: F        | Press and hold the   | "—" and " <sup>(1)</sup> " k                                    | eys at th                   | e same time   | for 3 |

distribution network. The " icon will flash slowly.

|                                  | 3:38 🕫   | ## † <b>•</b> |                   |
|----------------------------------|--|---------------|-------------------|
|                                  | Cancel   | AP Mode ⇔     | Switch to AP Mode |
|                                  | Reset the device first.<br>Please power on the device and confirm t<br>indicator is blinking slowly.<br>Note: please complete the network distrib<br>3 minutes after resetting the device. |               |                   |
|                                  |  |               |                   |
|                                  | Perform net pairing as prompt  | ted. >        |                   |
|                                  | Confirm the indicator is blinkin   | ng slowly.    |                   |
|                                  | Cancel   |               |                   |
|                                  | Cancer   |               |                   |
|                                  | Enter Wi-Fi Passwor  | rd            |                   |
|                                  | 2.4GHz 5GHz<br>✓ ×   | ported )      |                   |
|                                  |  |               |                   |
|                                  | 🤶 niuentai   |               |                   |
| Enter the correct Wi-Fi password | A  | 94<br>1       |                   |
| Click "Comfirm" after input      | Confirm  |               |                   |

|  | Cancel  |   |
|--|---|---|
|  | Connect your<br>mobile phone to the<br>device's hotspot<br>. Connect the phone to the hotspot<br>shown below. |   |
| Follow tips to connect device hotspots   | 2. Go back to the app and continue to add devices.  |   |
|  | ← WLAN  |   |
|  | WLAN<br>View help   |   |
|  | More settings   | > |
| Click to connect to go to Wi-Fi interface,<br>choose the wifi name :SmartLife-xxxx | AVAILABLE NETWORKS<br>niuentai<br>Connected   |   |
|  | SmartLife-390E<br>Saved   | ŕ |
| -  | CS_X65_000391<br>Encrypted  |   |
| Select and connect and return to the APP interface,Entering the distribution       | ZH-W5_2C6774<br>Encrypted   |   |
| network process  | Add network   |   |





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