ThermoTec®

WIFI Module
USER'S MANUAL

Please read this user's manual carefully before use
Please keep this user's maunal properly

User Privacy Instructions

We take your privacy very seriously and we promise to inform you how we use the data. Users' private data, such as mailboxes, address, before uploading to the cloud, we will get your permission, and we will work hard to protect your data security.

Description

- Receive data signal from cloud server and transmit to the main device;
- Receive data signal from main device and transmit to cloud server;
- To achieve remote upgrade the WIFI module baseplate MCU by cloud server;
- To achieve the remote upgrade of the main device by WIFI module baseplate MCU.

Technical Parameters

OPERATING VOLTAGE: DC8V~12V (Recommended value 12V)

OPERATING CURRENT: Max. recurrent peak 1A, average standby current 50mA

TEMP. RANGE: Operating Temp.: -30℃~+70℃; Storage Temp.: -40℃~+85℃

LED INDICATOR LIGHT:

4 lights, Network configuration indicator,router connection indicator, cloud server connection indicator, 485 communication indicator;
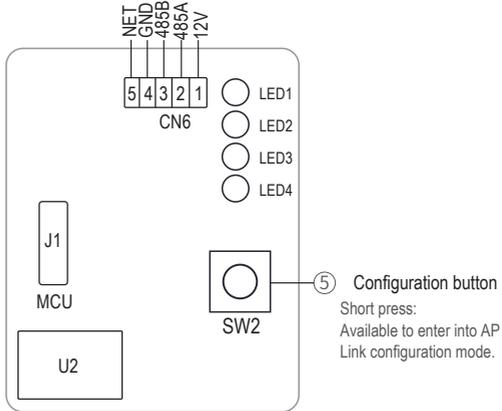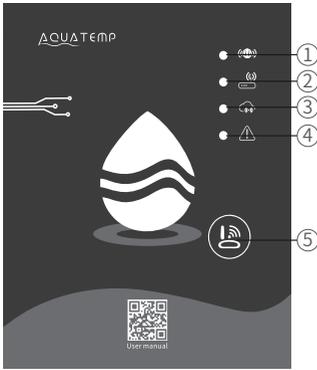
DIMENSION(L×W×H): 78mm×63mm×24mm

Installation

- There is a magnet on the back of the WIFI module, it can be installed indoors or outdoors, and avoid direct sunlight;
- Please scan the following QR code to download APP;

Functional Description

MXL-WX17

ITEM	NAME	LONG LIGHT	SLOW FLASH	EXTINGUISH
①	Network configuration indicator	Configuring Network	SmartLink configuring	Done
②	Router connection indicator	Normal	Abnormal	----
③	Cloud server connection indicator	Normal	Abnormal	----
④	485 communication indicator	Normal	Abnormal	----

Account Login

Use email address and password to register, login or reset the password.
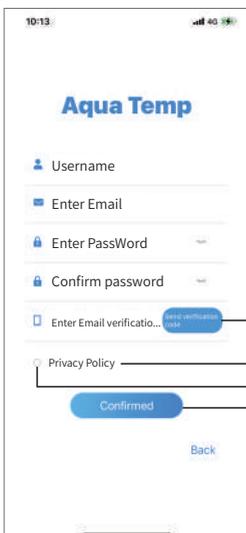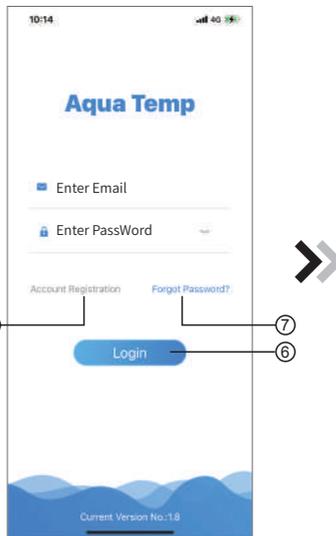

Fig.2 Account Registration interface
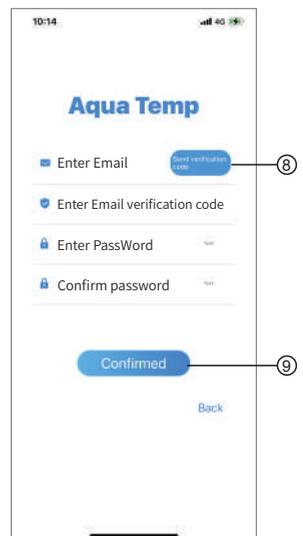
Fig.1 Login interface

Fig.3 Forgot Password interface

1. Account Registration: To register an account, click ① (Fig.1) to jump to the Account Registration interface, fill in the relevant information and click ② to receive verification code, while completed the application information, click ③ to read the details of the Privacy Policy, then click ④ to agree, and click ⑤, registration is done.

   Please note, the valid time of one verification code is 15min, please fill in the verification code within 15min, otherwise you need to ask for a new one.

2. Log in: Follow the instructions on the page(Fig.1), enter your registered email address and password, click ⑥ and jump to device list;

3. Forgot Password: While forget your password, click ⑦ (Fig.1), jump to the Forgot Password interface (Fig.3). Follow the instructions on the page, fill in the relevant informations, click ⑧ to receive verification code from your mailbox, click ⑨ to comfirm and password reset is done.

Add Device

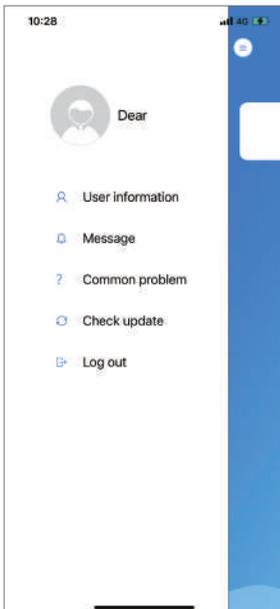After log in, displays My Device interface (Fig. 4) , follow the instruction to add WIFI or DTU.
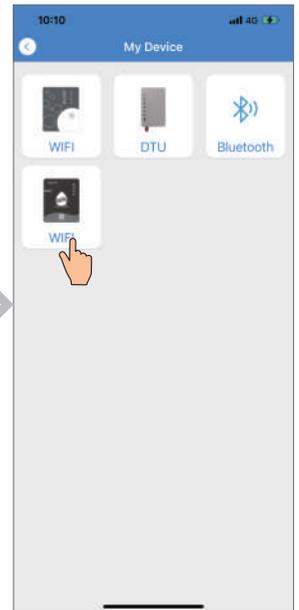

| Fig.5 The left-hand menu | Fig.4 My Device interface | Fig.6 Add Device interface |

IOS WIFI Configure Network

back

Fig.7 Permission confirmed interface

back

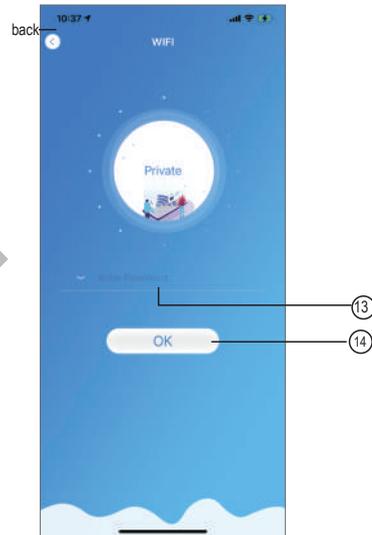Fig.8 WIFI Module On interface

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Fig.9 Enter password interface

1. Click ⑩ to confirm the permisson of bluetooth, location and camera;
2. Follow the instructions on the page (Fig.8), press button on module and hold for 1s till two lights on, then AP connection is activated, click ⑫ to next;
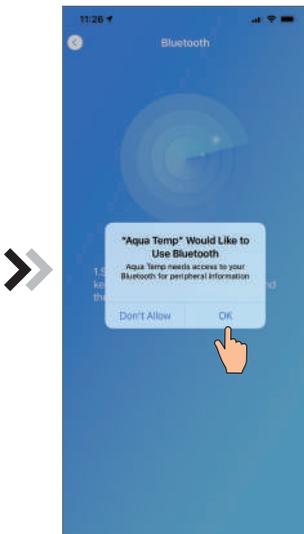3. Click ⑬ to enter the WIFI password for the current connection, click ⑭ to confirm.
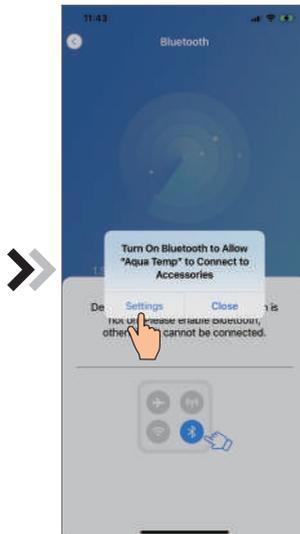

Fig.10 Searching device interface
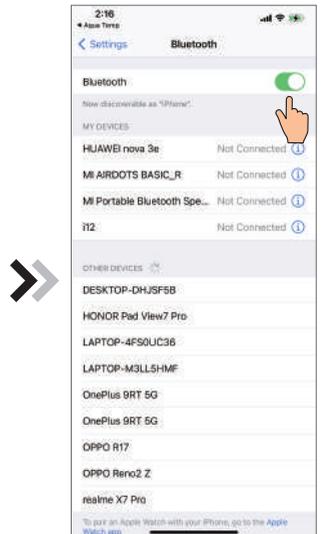

Fig.11 Enable bluetooth permission

Fig.12 Bluetooth setting interface

4. Click ⑮ to bond device (Fig. 10);
5. Click "Settings" （Fig.11） to enter bluetooth setting interface(Fig. 12);
6. Turn on bluetooth and back to the APP, derectly enter the searching device interface(Fig. 13);
7. Click "OK" （Fig.15） to allow the App to use the camera for scanning the WF barcode on the heat
   pump unit（Fig.17.1）, or click "manual input" to enter the WF barcode(Fig. 17.2)
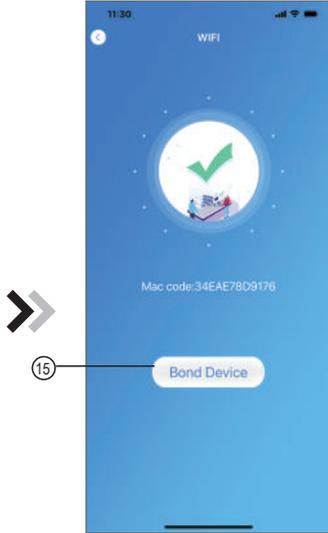

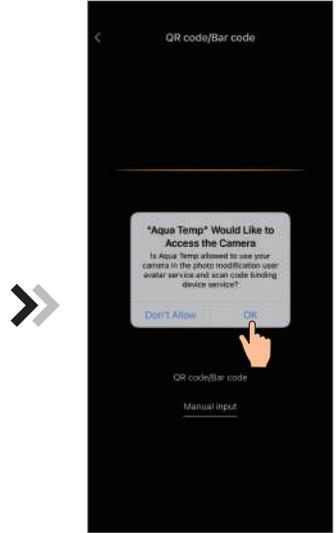Fig.13 Searching device interface

Fig.14 Bond device interface

Fig.15 Enable camera permission

Fig.17.2 Manual input interface

Fig.16 Scanning interface

WF9921203402

Fig.17.1 WF barcode

8.Click "Comfirmed", device bond is done (Fig.18).
9. After WIFI bonding is done, and jump back to My Device(Fig. 19);
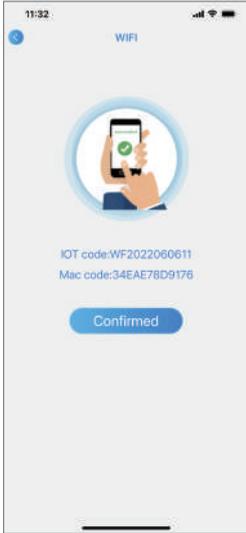10. Click the device derectly jump to device main interface(Fig. 20).
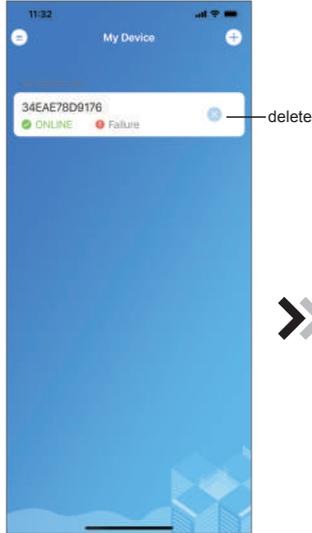

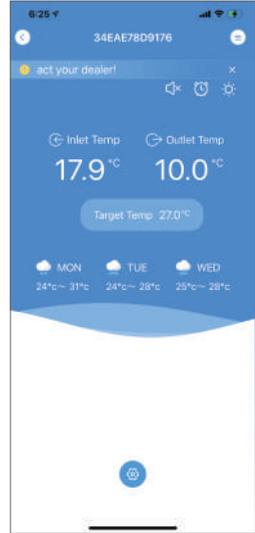Fig.18 Bond device done interface   Fig.19 Device management interface   Fig.20 Device Main interface
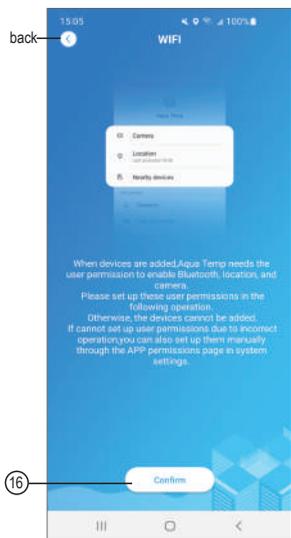
Android WIFI Configure Network

back—

Fig.21 Permission confirmed interface
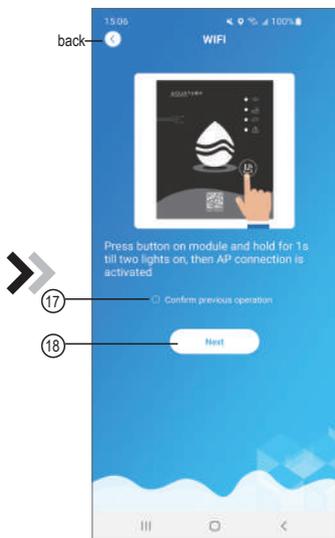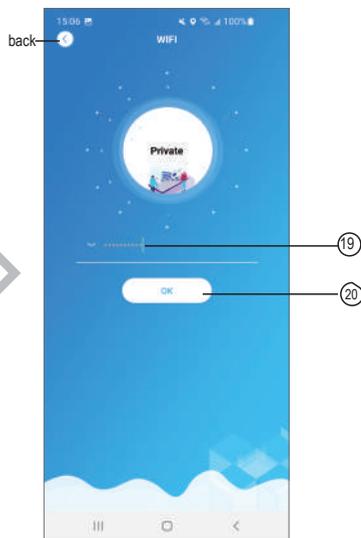
Fig.22 WIFI Module On interface

Fig.23 Enter password interface

1. Click ⑯ to confirm the permisson of bluetooth,location and camera;
2. Follow the instructions on the page (Fig.22), press button on module and hold for 1s till two lights on, then AP connection is activated, click ⑱ to next;
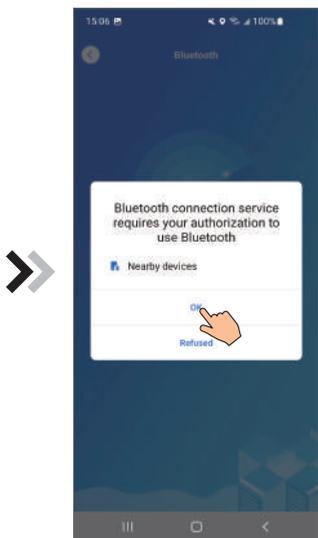3. Click ⑲ to enter the WIFI password for the current connection, click ⑳ to confirm.

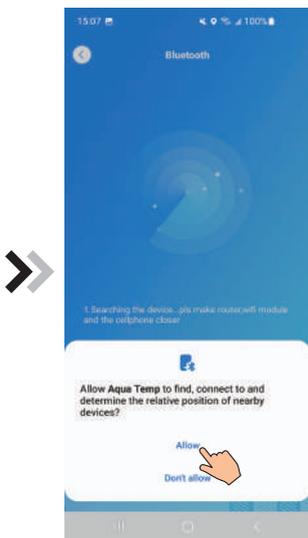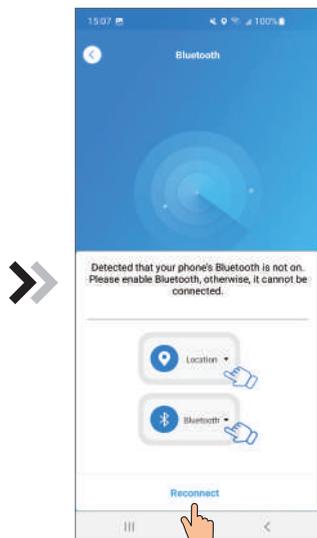Fig.24 Enable bluetooth permission

Fig.25 Enable location permission

Fig.26 Reconnect interface

4. Click "OK" to enable bluetooth permission (Fig. 24);
5. Click "Allow" to enable bluetooth permission（Fig. 25);
6. Click "Reconnect" (Fig.26) derectly jump to searching device interface(Fig. 27);
7. Click ㉑ to bond device (Fig. 28);
8. Click "While using the app" allow the App to use the camera for scanning the WF barcode on the heat
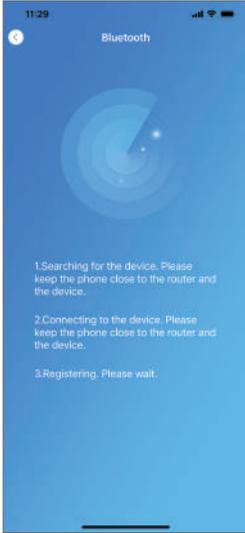   pump unit（Fig.31.1）, or click "manual input" to enter the WF barcode(Fig. 32.2)

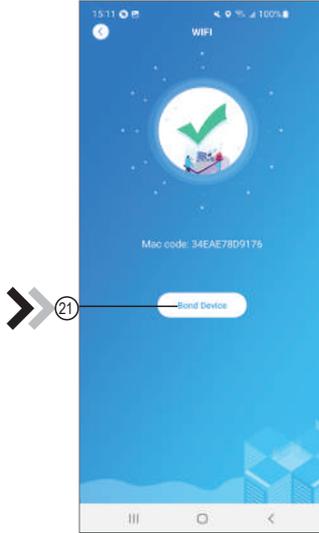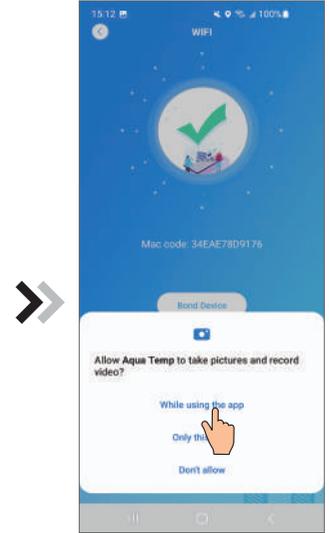Fig.27 Searching device interface

Fig.28 Bond device interface

Fig.29 Enable camera permission
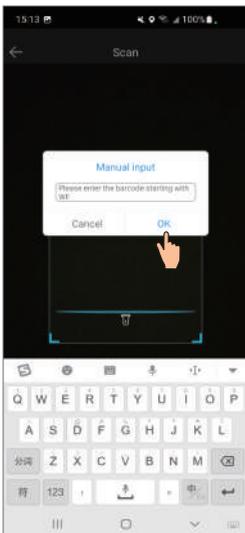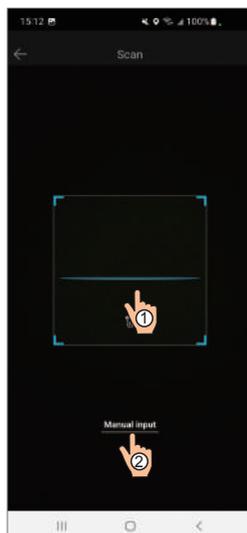

Fig.31.2 Manual input interface

Fig.30 Scanning interface

WF9921203402

Fig.31.1 WF barcode

9.Click "OK", device bond is done (Fig.33).

10. After WIFI bonding is done, and jump back to My Device(Fig. 19);

11. Click the device derectly jump to device main interface(Fig. 20).
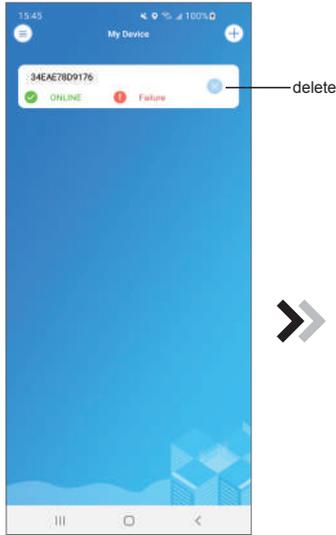

Fig.32 Bond device done interface   Fig.33 Device management interface   Fig.34 Device Main interface

Device Management

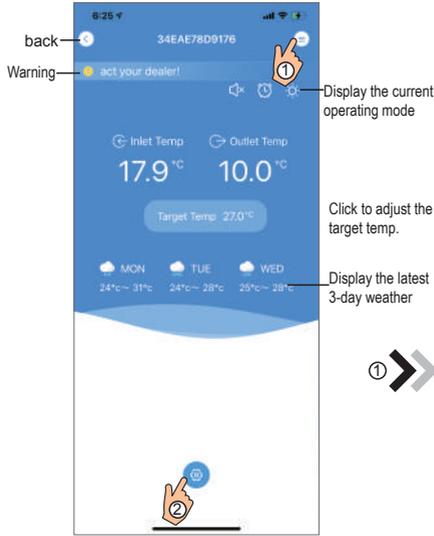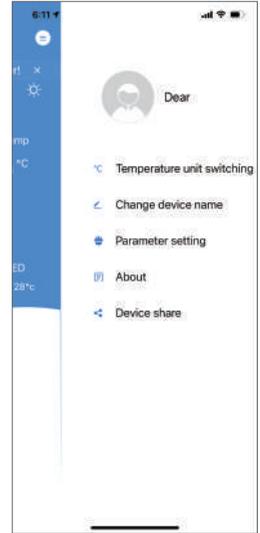Device management operations are as below :

back
Warning — ● act your dealer!
①
Display the current operating mode

Click to adjust the target temp.

Display the latest 3-day weather

②

Fig.35 Device Main interface

Dear

℃ Temperature unit switching
⌁ Change device name
✦ Parameter setting
⛶ About
⊷ Device share

Fig.36 The right-hand menu interface

②
③

back

Click to adjust the timing settings

Timer
Start   00:00
End   02:00

Click to switch on/ off
on: green
off: grey

Click to adjust the timing mute settings

Mute duration
00:00~06:00
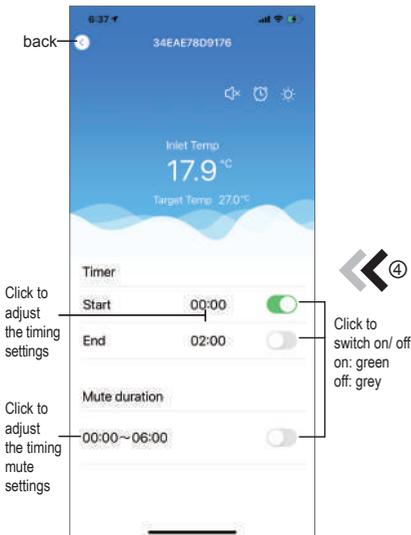
Fig.37 Timing Settings interface

④

g and please contact your dealer!

③ ④ ⑤

Fig.38 Device Main interface

⑤

back

Display the error

P02 Outlet Temp. Sensor Fault
2022-06-06 17:37:28   Solution >
P05 Coil1 Temp. Sensor Fault
2022-06-06 17:37:28   Solution >
P09 Antifreeze Temp. Sensor F...
2022-06-06 17:37:28   Solution >

Click to read the solution
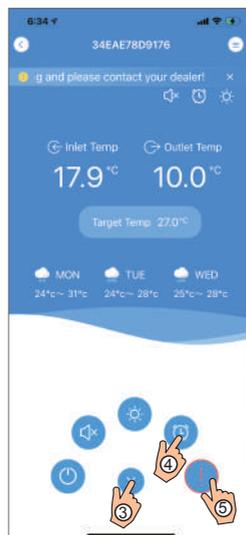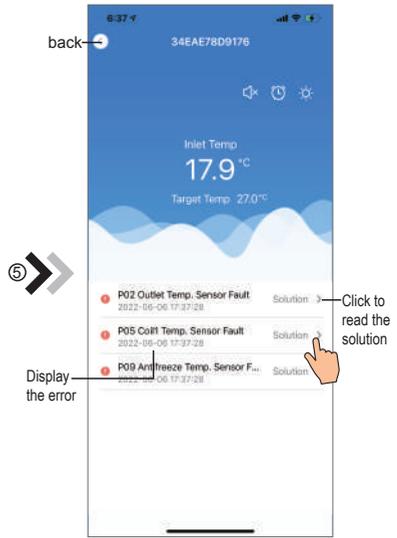
Fig. 39 Troubleshooting interface

ICON	NAME	FUNCTIONS
⏻	ON/ OFF	Click it to turn on/ off the unit
🔊	Silent Mode Off	Display silent mode off, click it to activate the silent mode
🔇	Silent Mode On	Display silent mode on, click it to turn off the silent mode
	Mode shift	Mode changing: Cooling--Heating--Auto
❄	Cooling	Display Cooling mode, click it to change operating mode
☀	Heating	Display Heating mode, click it to change operating mode
A	Auto	Display Auto mode, click it to change operating mode
⏰	Timming settings	Click it to jump to the timer on/ off and mute timer setting interface
❙	Troubleshooting	Click it to jump to the troubleshooting interface
⚙	Menu	Click to unfold or collapse the menu

HeatPumps4Pools