

TRUE ™ BLUE

ELEMENT

WIFI Module USER'S MANUAL



Please read this user's manual carefully before use
Please keep this user's manual 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°C~+70°C; Storage Temp.: -40°C~+85°C

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

Transmit frequency: 2412-2472 MHz

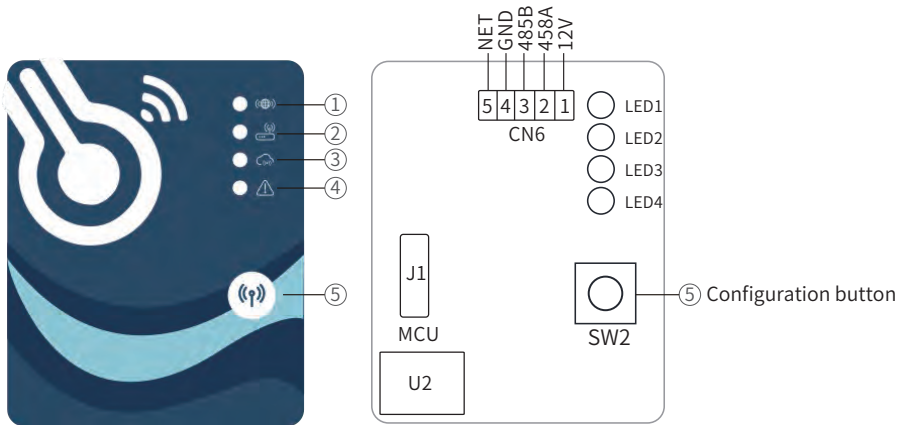
Transmit power max. : < 20dbm

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



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.

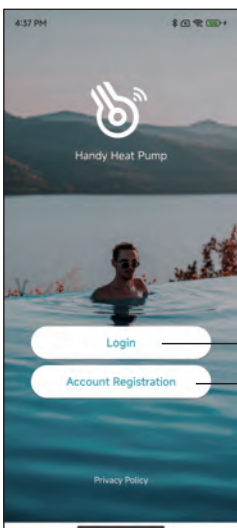


Fig.1 Home page

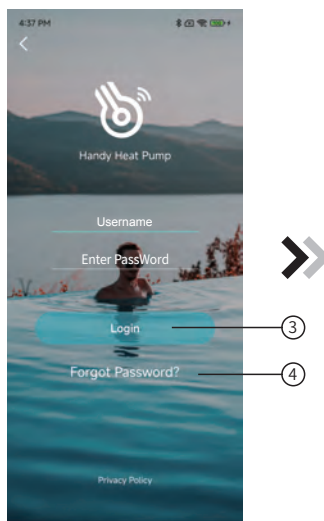


Fig.2 Login interface

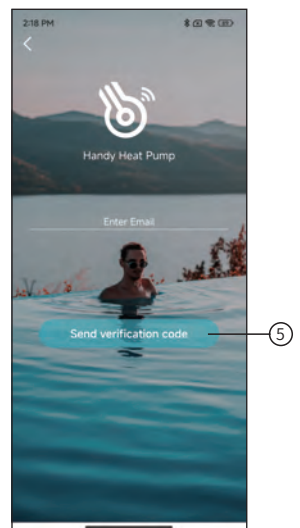


Fig.3 Register and retrieve passwords

1. Account registration: Click ① (Fig. 1) on the home page to jump to the account registration interface (Fig. 3).
2. Login: Click ② (Fig.1) on the home page to jump to the login interface (Fig.2) and follow the instructions on the page (as shown in the figure).Enter your registered email address and password, and click ③ to jump to the device list.
3. Forgot Password: When you forget your password, click ④ (Fig.2) and jump to the password forgotten interface (Fig.3).Fill in the relevant information according to the page instructions, click ⑤ to send the email verification code, and operate according to the page instructions.

Add Device

After logging, displays My Device interface (Fig. 4) , follow the instruction to add WIFI .

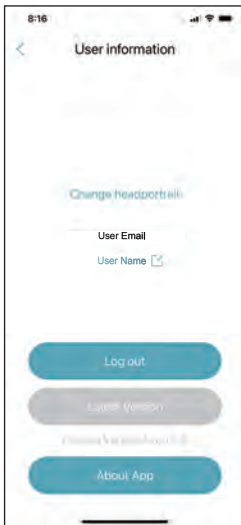


Fig.5 The left-hand menu

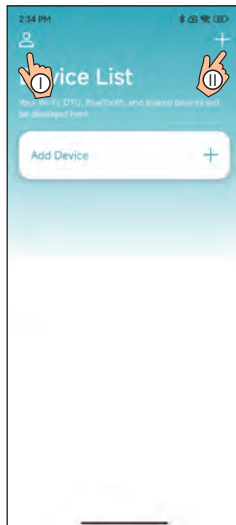


Fig.4 My Device interface



Fig.6 Add Device interface

IOS WIFI Configure Network



Fig.7 Permission confirmed interface

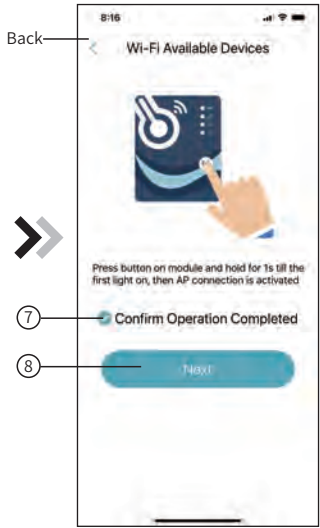


Fig.8 WIFI Module On interface

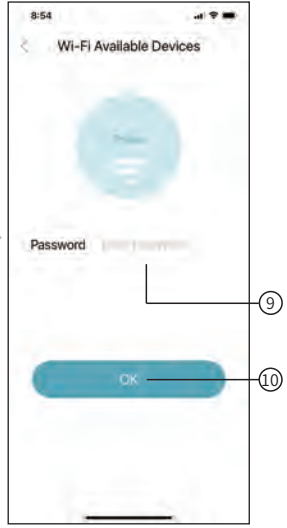


Fig.9 Enter password interface

1. Click ⑥ to confirm the permission of bluetooth,location and camera;
1. 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 ⑦ to confirm, click ⑧ to turn the page;
2. Click ⑨ to enter the WIFI password for the current connection, click ⑩ to confirm;

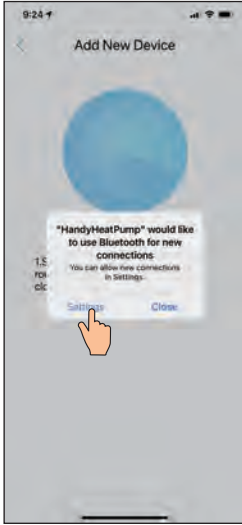


Fig.10 Enable bluetooth permission



Fig.11 Bluetooth setting interface



Fig.12 Determined using a bluetooth

4. Click "Settings" (Fig.10) to enter bluetooth setting interface(Fig. 11);
5. Click "Determined" (Fig.12) to enter bluetooth and camera setting interface(Fig. 13);
6. Turn on bluetooth and camera back to the APP, directly enter the searching device interface(Fig. 13), the APP automatically searches for WIFI module(Fig. 14);
7. Click ① to bond device (Fig. 15);
8. Use the camera for scanning the WF barcode on the heat pump unit (Fig.16.1), or click "manual input" to enter the WF barcode(Fig. 17.2)

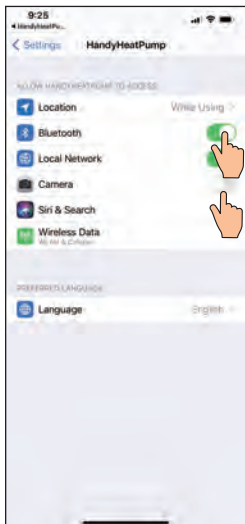


Fig.13 Enable bluetooth and camera permission



Fig.14 Searching device interface



Fig.15 Bond device interface



Fig.17.2 Manual input interface

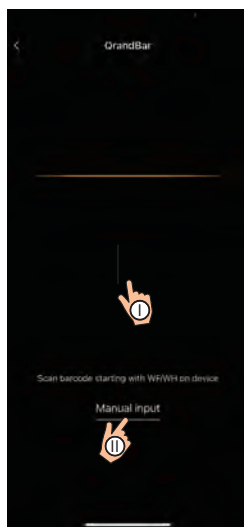


Fig.16 Scanning interface



Fig.17 WF barcode

9. Click "Bond device", device bond is done (Fig.18).

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

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



Fig.18 Bond device done interface

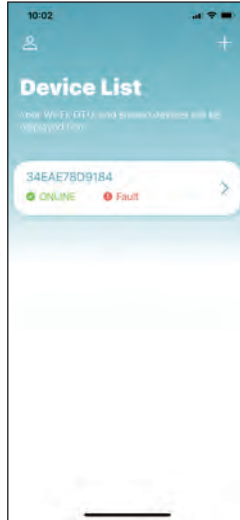


Fig.19 Device management interface



Fig.20 Device Main interface

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Fig.21 Permission confirmed interface

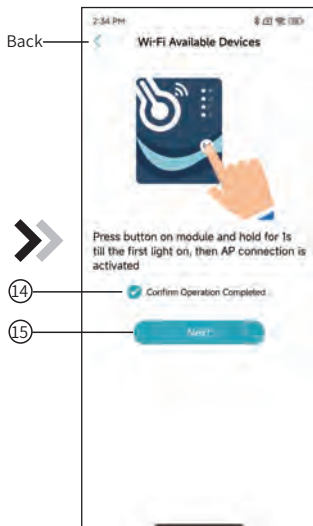


Fig.22 WIFI Module On interface

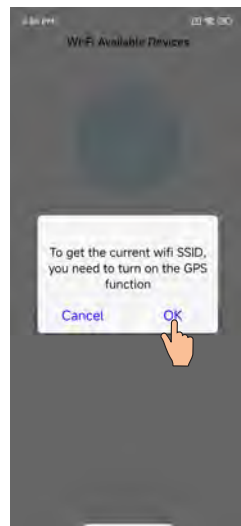


Fig.23 Enabling location Rights

1. Click 13 to confirm the permission 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 14 to confirm, click 15 to turn the page;
3. Follow the instructions on the page (Fig.23),turn to Location settings (Fig.24) Enable Location Access
4. Click 16 to enter the WIFI password for the current connection, click 17 to confirm;

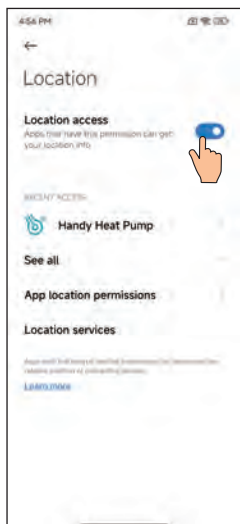


Fig.24 Enabling location Rights

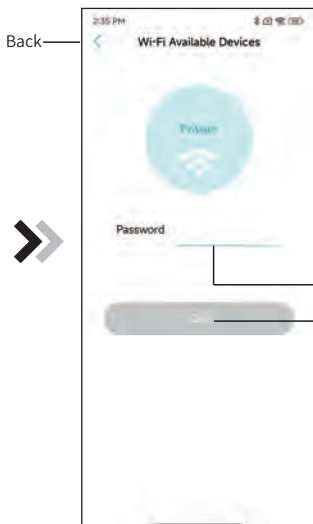


Fig.25 Enter password interface

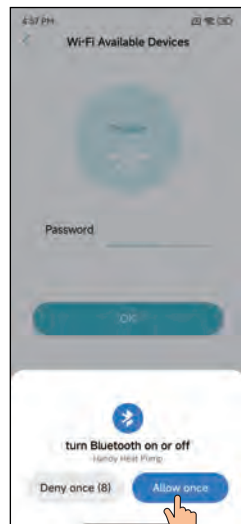


Fig.26 Enable bluetooth permission

4. Click "Allow Once" to allow bluetooth permission (Fig. 26);
5. Turn on bluetooth , directly enter the searching device interface(Fig. 27), the APP automatically searches for WIFI module(Fig. 27);
6. Click ⑱ to bond device (Fig. 28);
7. Click "Allow only while using the app" (Fig.29) to allow the App to use the camera for scanning the WF barcode on the heat pump unit (Fig.30.1), or click "manual input" to enter the WF barcode(Fig. 30.2)



Fig.27 Searching device interface



Fig.28 Bond Device interface

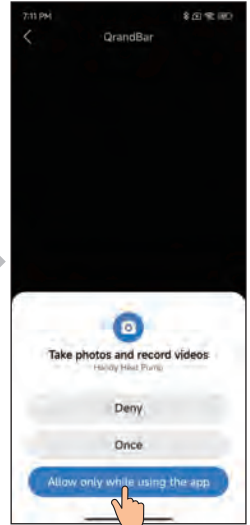


Fig.29 Enable camera permission

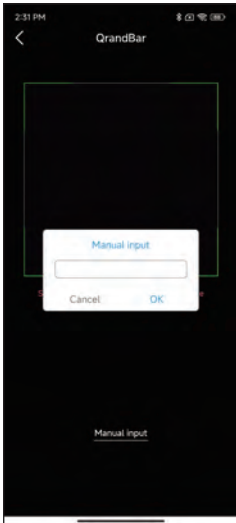


Fig.30.2 Manual input interface

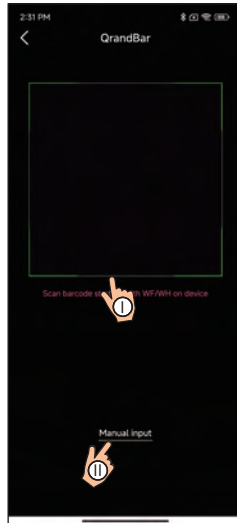


Fig.30 Scanning interface



Fig.30.1 WF barcode

- 9. Click "Confirmed", device bond is done (Fig.31).
- 10. After WIFI bonding is done, and jump back to My Device(Fig.32);
- 11. Click the device directly to device main interface(Fig. 33).



Fig.31Bond Device interface

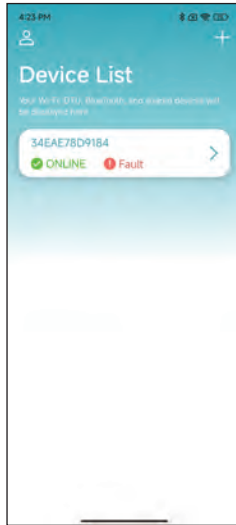


Fig.32 Device management interface



Fig.33 Device management interface

Device Management

Device management operations are as below :



Fig.20 Modify target temperature



Fig.19 Device Main interface

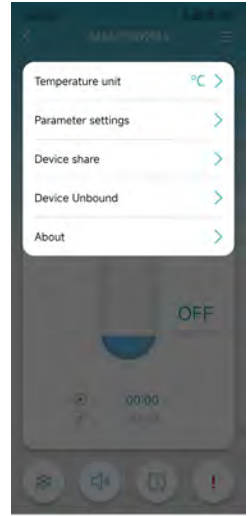


Fig.21 The right-hand menu interface

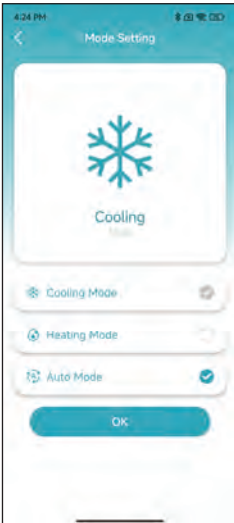


Fig.22 modify mode



Fig.23 Timing Settings interface

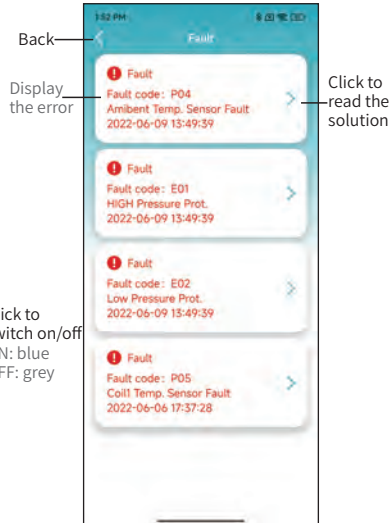
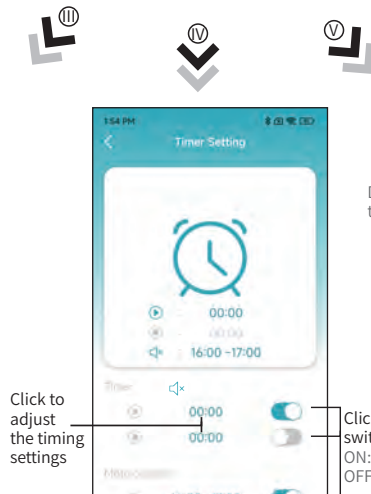










Fig. 24 Troubleshooting interface



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
	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

Made in China

Supplied by Pool Systems Pty Ltd

Code: 20200730-0001