

Swimming Pool Heat Pump

User Manual for APP

Application –

MUPIR-H9 Series

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PLEASE DO NOT THROW IT AWAY. KEEP IT IN YOUR FILES FOR FUTURE REFERENCE.

Download the APP

Android version

Method 1

Scan the QR code through Browser for Android system.

IOS system: Please search the “Pool panel” APP in APP store.

Download the APP and install it.



Method 2

Android system can also download the APP from:

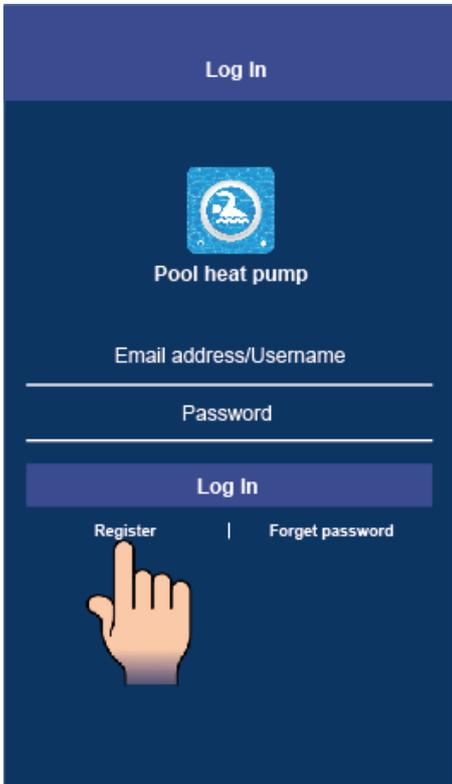
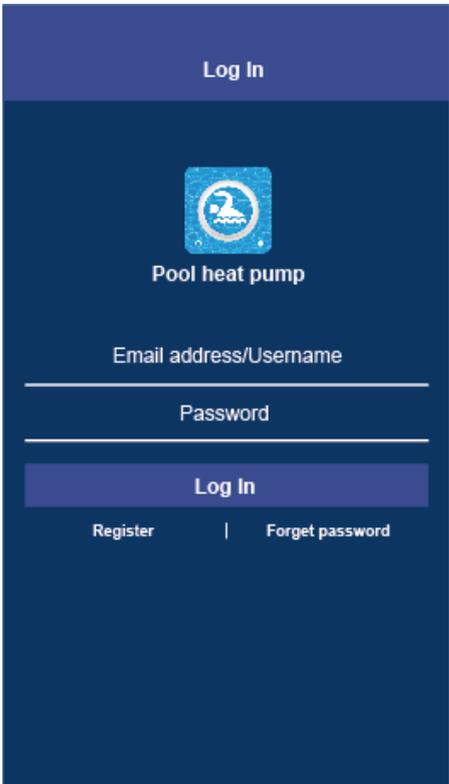
<http://47.254.152.109:8080/scadaiot/downFile/execute.do>

Please download the APP and install it.

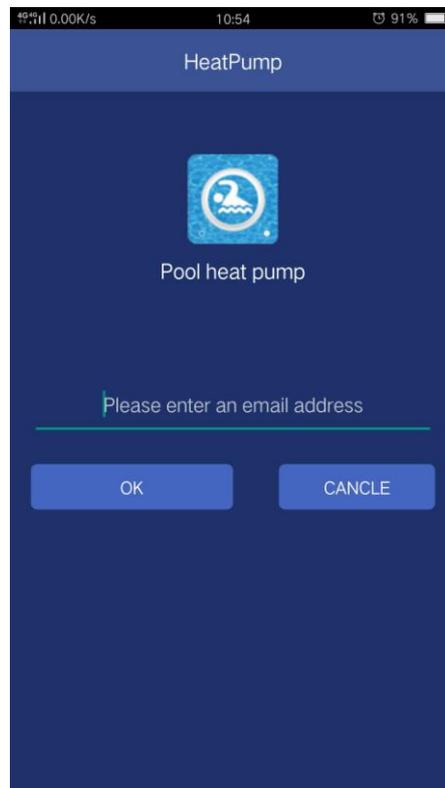
Register

Please confirm mobile is already connected to the valid Wi-Fi.

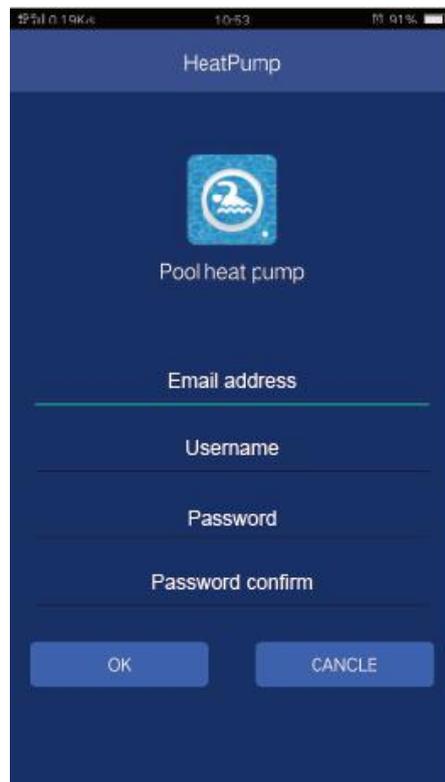
Open the App.



Please press **register** to sign up first time.



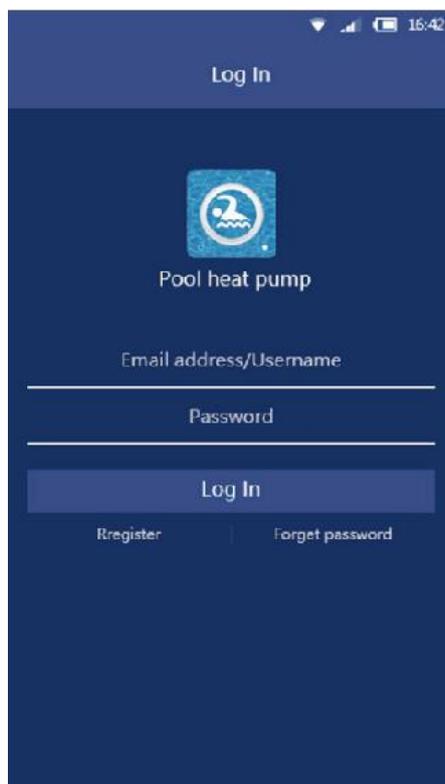
Type your email address, and press **OK**.



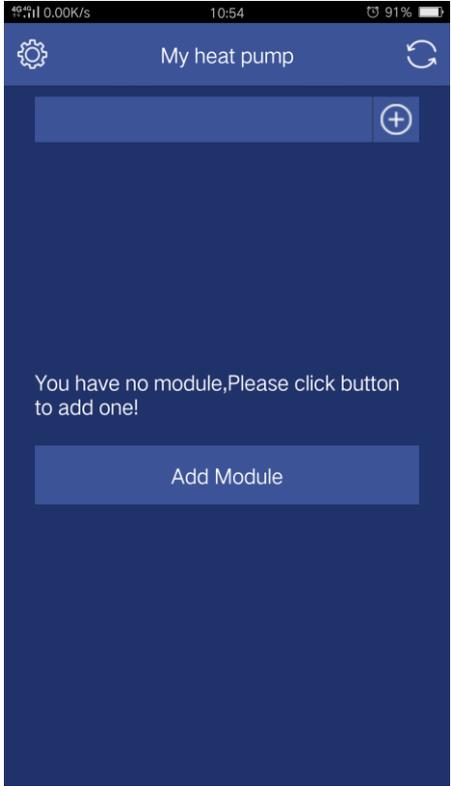
Please input all the items including Email address, Username, Password and Password confirm, and press **OK** to finish sign-up. After sign up successfully, the interface will change to Log in interface automatically.

Notes: The password should be only combined with alphabet and numbers.

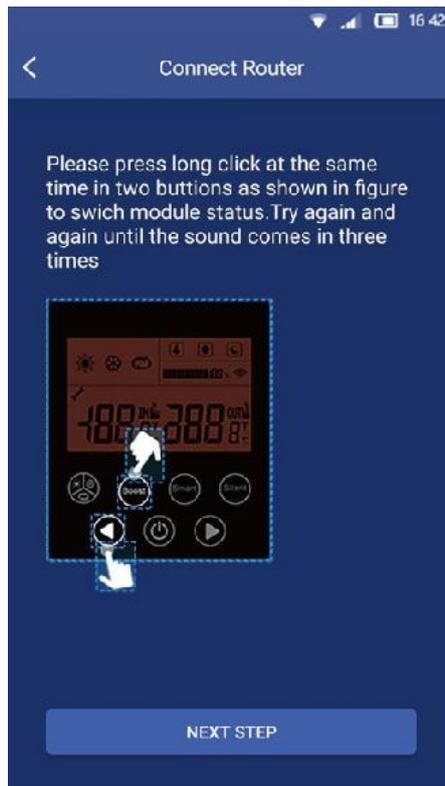
Configuration of Wi-Fi module



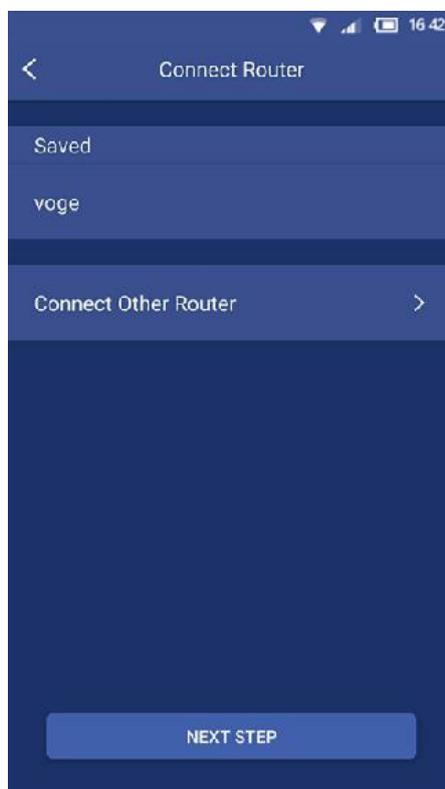
Input Email address or Username, password and press **Log-in** button.



Press button **Add module**, and the interface will be change to next interface.

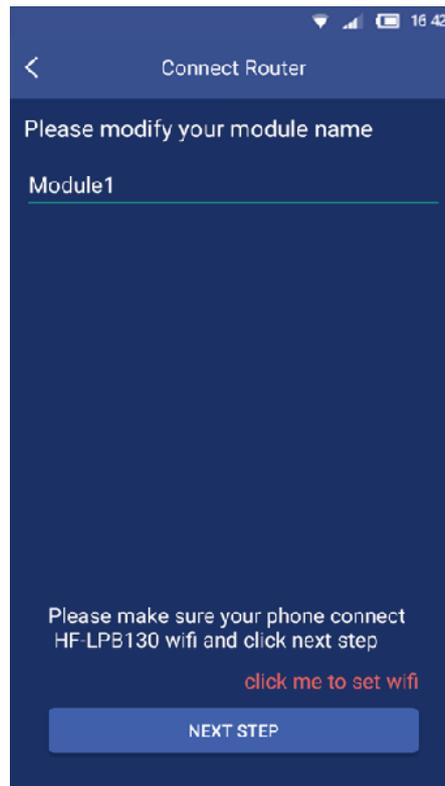


Following the introduction in the interface, after the heat pump unit setting, please press **Next step**.



Please in this interface, chose your router in your home LAN, and connect it through your

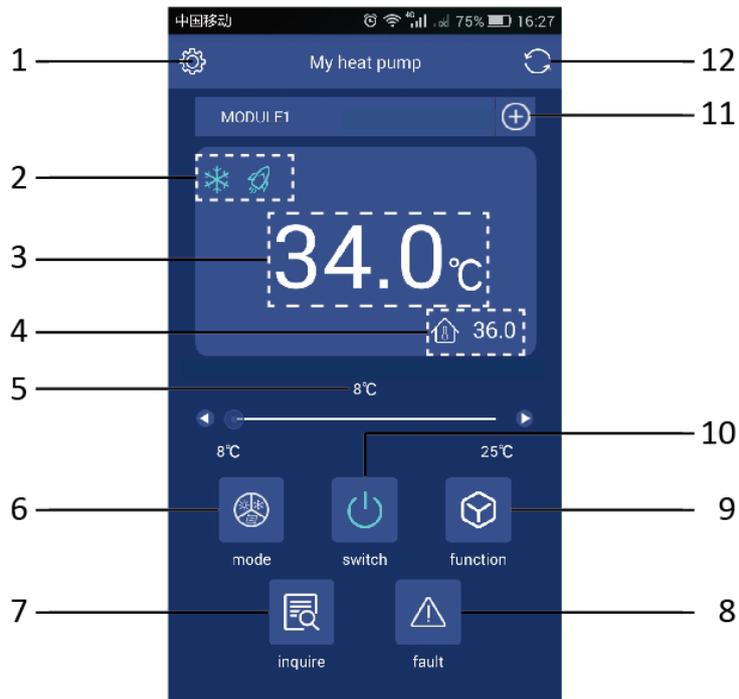
mobile. After setting the router, press **Next step** button.



In the item of **Please modify your module name**, please give your heat pump names as you want. Press the button **click me to set Wi-Fi**, to connect the heat pump unit with router. When the connection is finished successfully, the interface will be change to main user interface.

Operation of App

Main icons and functions

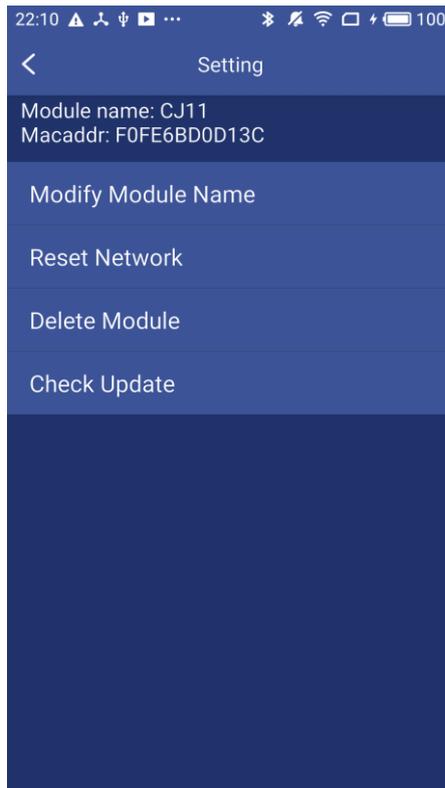


1	Setting button
2	Operating mode and function icon
3	Setting temperature icon
4	Ambient temperature
5	Temperature setting bar
6	Mode setting button
7	Inquire button
8	Fault button
9	Function setting button
10	On/Off button
11	Add heat pump unit button
12	Refresh button

Button introductions

1.  Setting

Press **Setting** button, the interface will be changed to setting interface as following picture.



Through this interface,

- a. The name of heat pump unit which is connected with your mobile APP can be changed;
- b. Reset your LAN network;
- c. Delete heat pump unit which is already added in your APP.
- d. Check app update

2.  On/Off button

Press On/Off button under the status of unit stand-by, the unit will be run. During the unit runs, press this button, and the unit will be stopped.

3.  Mode setting button

This button is used to select the operating mode which includes Auto, Cooling and Heating. Once press it, the interface will be enter mode selection interface. In this interface, you can

set cooling mode, heating mode or auto mode. After selection, press **Done** to confirm.



After set the operating mode, in the icon area of mode will display your selection in the left side of the screen.



Cooling mode



Heating mode



Auto mode

4.  Function setting button

This button is used to select the operating function which includes boost, smart and silence mode. Once press it, the interface will be enter mode selection interface. In this interface,

you can set boost mode, smart mode or silence mode. After selection, please press **Done** to confirm.



After set the function mode, in the icon area of mode will display your selection in the left side of the screen.



Silence mode



Smart mode



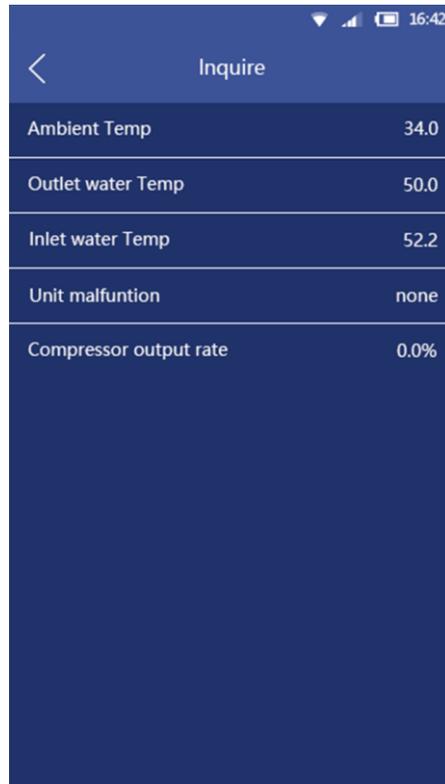
Boost mode

5.  Inquire button

Press Inquire button, the inquire interface will be displayed. From this interface, the

following current parameter of the heat pump unit will be displayed.

- a. Ambient temperature;
- b. Outlet water temperature;
- c. Inlet water temperature;
- d. Unit malfunction state;
- e. Compressor output rate.



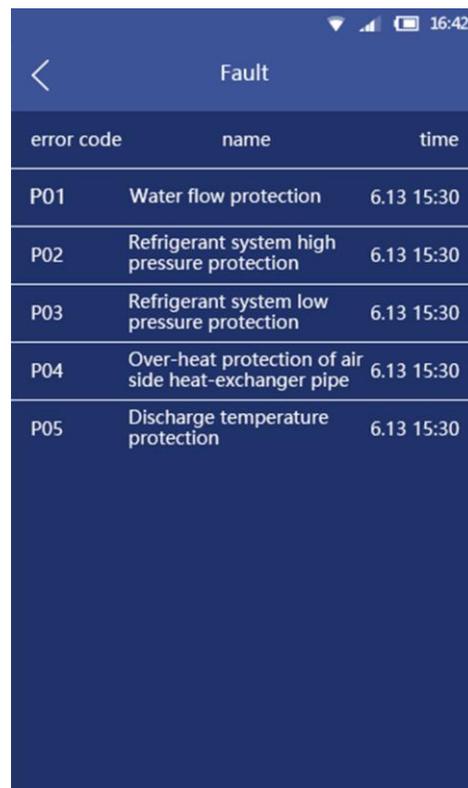
The screenshot shows a mobile application interface with a dark blue background. At the top, there is a status bar with a back arrow, the word "Inquire", and system icons for Wi-Fi, signal strength, and battery, along with the time "16:42". Below the header is a table with five rows, each representing a parameter and its value.

Ambient Temp	34.0
Outlet water Temp	50.0
Inlet water Temp	52.2
Unit malfunction	none
Compressor output rate	0.0%

6.  Fault button

Press **Fault** button, and the fault records include history and current error or protection

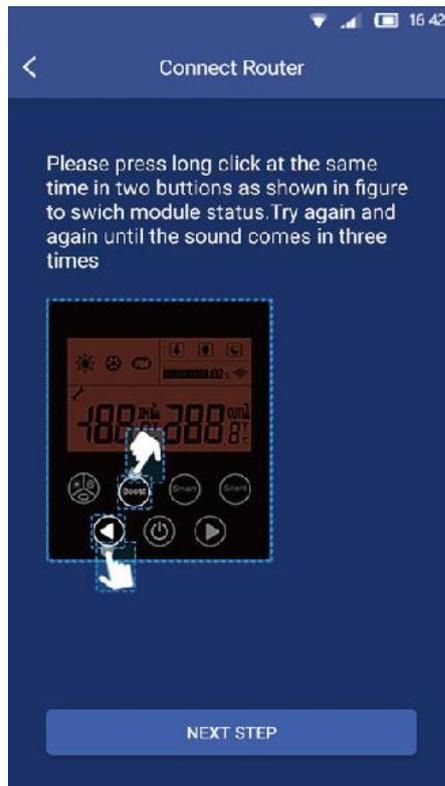
codes will be displayed.



error code	name	time
P01	Water flow protection	6.13 15:30
P02	Refrigerant system high pressure protection	6.13 15:30
P03	Refrigerant system low pressure protection	6.13 15:30
P04	Over-heat protection of air side heat-exchanger pipe	6.13 15:30
P05	Discharge temperature protection	6.13 15:30

7.  Add heat pump unit

Press this button, and the interface will be changed to add new unit interface as the following picture.



Please repeat Page 5 and Page 6 introduction finish the following steps.

8.  Refresh button

Press this button, the displayed current setting temperature and ambient temperature in screen will be refreshed.

9.  Temperature setting bar

By finger, slide the slider along the temperature bar to set the required temperature. At the same time, the displayed temperature value above the temperature bar will be changed following different locations of the slider.