

## Wi-Fi Module & App Connection Manual

### Wi-Fi module connection to heat pump:

#### 1. Accessories required for module connection

Signal Cable



Power Supply



Module Connector



Wi-Fi module



#### 2. Module Connection

The **Wi-Fi Module** has its own power supply which should be connected to the + and – connectors of the **Module Connector**.

The **Signal Cable** should be connected to the module connector:

A + = **Red** & B - = White

On the **Heat Pump PCB** there is a green plug-in RS485 connector. The other end of the **Signal Cable** should be connected here:

A + = **Red** & B - = White

**See images overleaf**

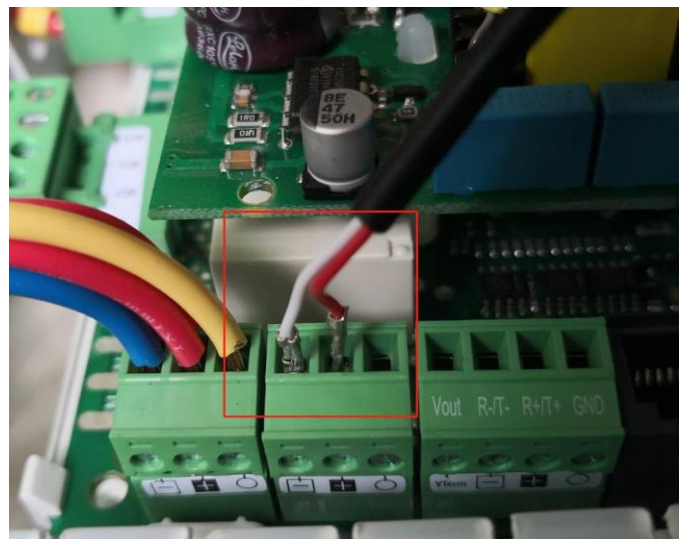
Heat Pump Connection point:



Wiring to Module:



Wiring to Heat Pump PCB:



Ensure correct polarity at both ends. If the connection is reversed, communication is not possible. The power plug should be connected to a 230V power supply. The black and white line of the power cord is connected to the + of **Module Connector** and the black line is connected to the - of the **Module Connector**. If the connection is reversed it will not work.

## Install Cool Energy App:



Step 1. - Download the Cool Energy App from the Play or App Store

When the app is used for the first time, the Wi-Fi module needs to be paired to a Wi-Fi network to use it. The network configuration steps are as follows:

Step 2. - Register Account:

After downloading the APP, enter the APP landing page. Click Register with the mobile phone number or email. After successful registration, use your new username and password to log in.

Step 3. - Add devices on to the App:

Click the  icon in the upper left corner to enter the add device page.

The below page will display the name of the WIFI currently connected to the phone.

Enter the Wi-Fi password for your network, then gently press the black button on the **Module Connector** and then click add device.

Module Connector - Button



Once it shows that the connection is successful, then click the arrow, you can then see the heat pump connected is displayed in the list.