

Wifi Thermostat Mobile App Programming Guide

Preparation required for Wifi Connection:

A 4G mobile phone and wireless router, reconnect the wireless router on the mobile phone WLAN interface, and record the WIFI password [need to be used when the thermostat is paired with the Wifi. **Note: Wifi from router must be 2.4G, 4G wifi from the other mobile phone hotspot is also ok, 5G router wifi is not ok.**

Step 1 Download your app



Scan following QR cod and download APP through browser(Android also can search "Smart life" at Google Play, iPhone also can search "Smart life" at App Store

Step 2 Register your account

- After install APP,click "register" (Fig 2-1)
- Please read the Privacy Policy and press Agree to proceed to the next step. (Fig 2-2)
- Registration account name uses your available Email Or mobile phone number, and please select Region, then click "Continue"(Fig 2-3)
- You will receive a 6-digit verification code from your email or SMS and enter your phone (Fig 2-4)
- Please set the account password, Password must contain 6-20 letters and numbers. click "Done"(Fig 2-5)

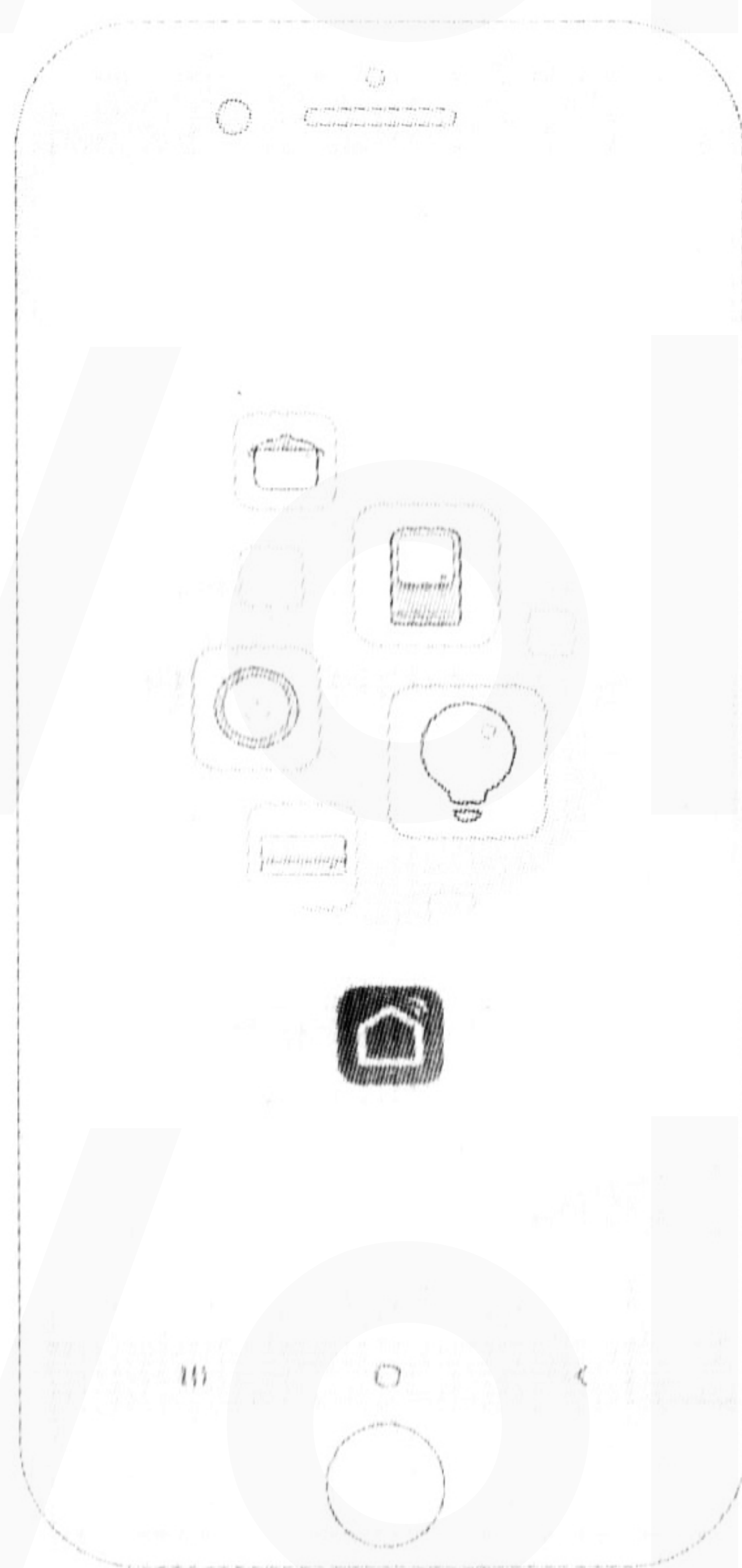


Fig 2-1



Fig 2-2

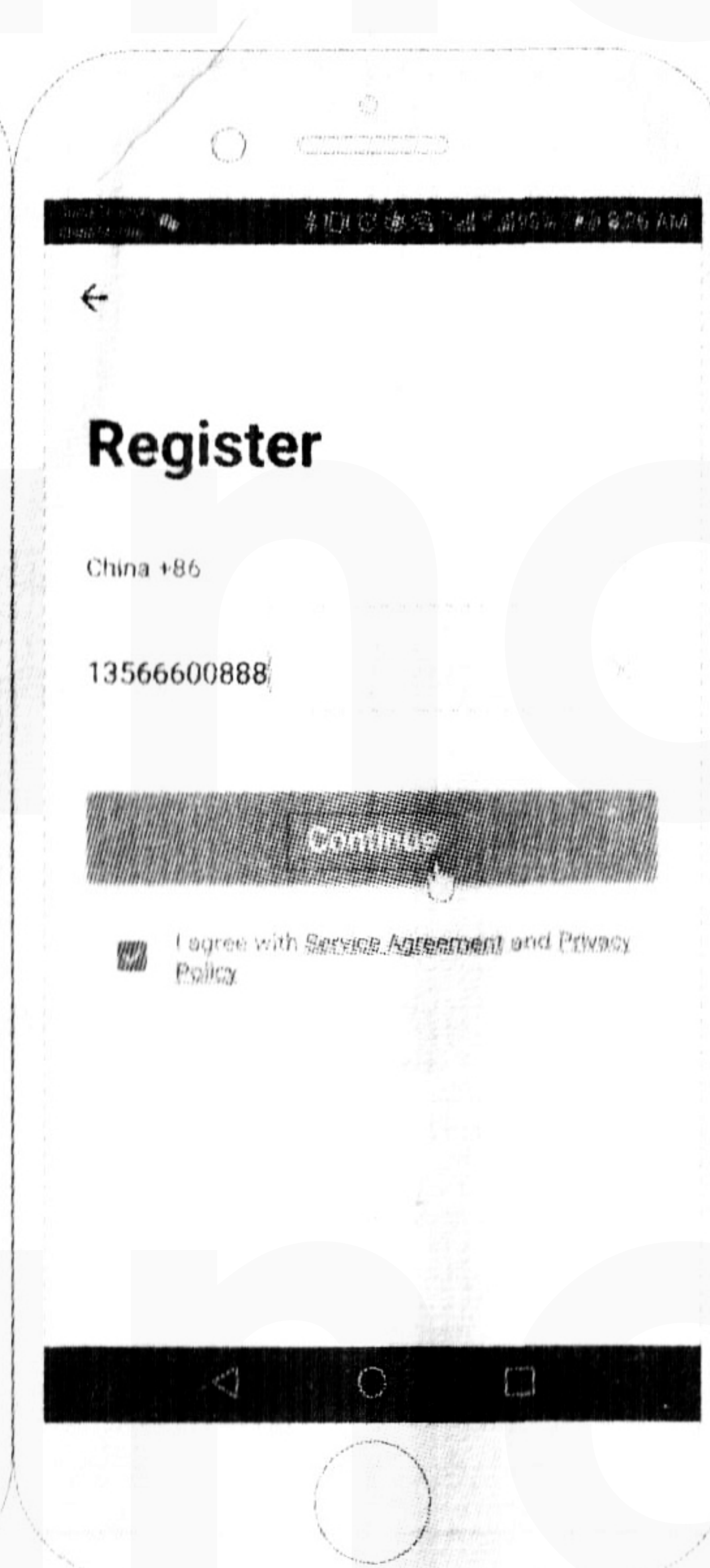


Fig 2-3



Fig 2-4

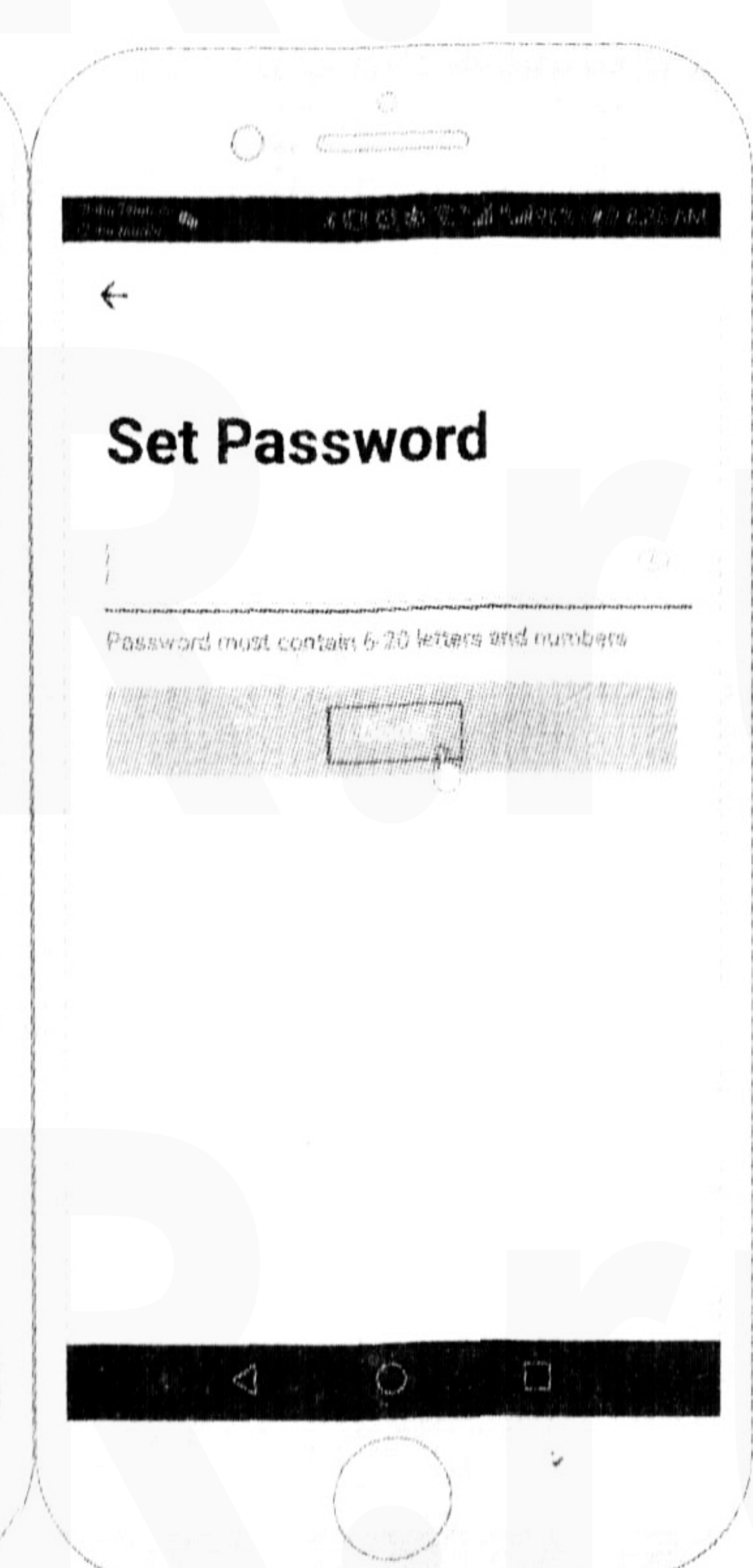


Fig 2-5

Step 3 Create family information(Fig 3-1)

1. Fill in the family name(Fig 3-2).
2. Select or add a room(Fig 3-2).
3. Set location (Fig 3-4)

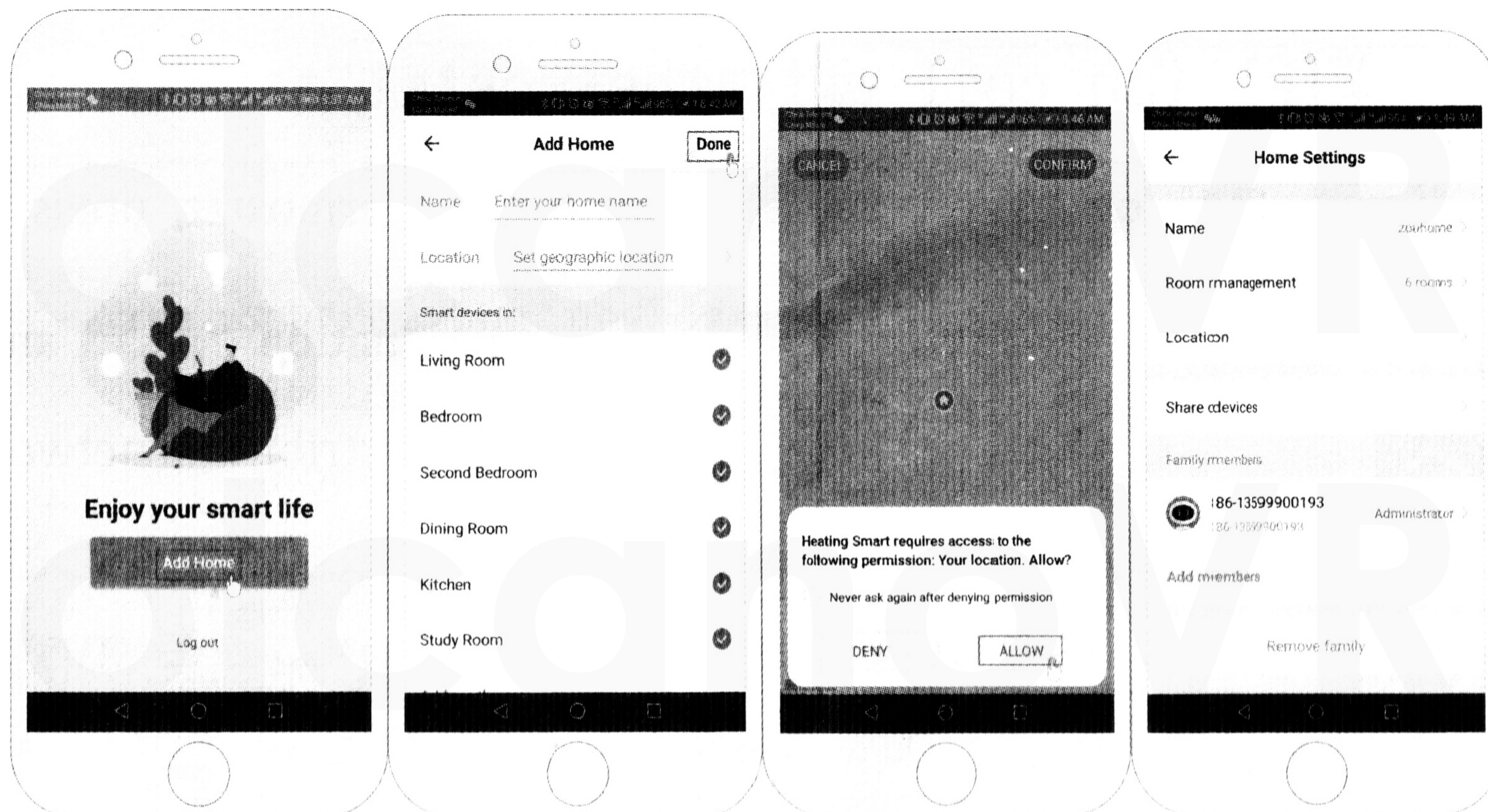







Fig 3-1

Fig 3-2

Fig3-3

Fig 3-4

Step 4a Connect your Wi-Fi signal (EZ distribution mode)

1. Go to your Wifi setting on your phone and make sure you are connected via 2.4g and not 5g. most modern routers have 2.4g & 5g connection. 5g connections do not work with the thermostat.
2. On the phone press "Add Device" or "+" in the upper right corner of the app to add the device (Fig 4-1) and under the small appliance section select the device type "Thermostat" (Fig 4-2)
3. With the thermostat powered on, press and hold  and  at the same until both icons( & ) flash to indicate the EZ distribution mode. This can take between 5-20 seconds.
4. On your thermostat confirm  icons are rapidly blinking and then go back and confirm this on your app. Enter the password of your wireless router this is case sensitive (fig 4-4) and confirm. The app will connect automatically (Fig 4-5) This may typically take up to 5~90 seconds to complete.

If you get an error message make sure you have entered your correct Wi-Fi password (case sensitive typically found on the bottom of your router) and that you are not on your Wi-Fi's 5G connection.

Your room name can be edited when the device is connected,

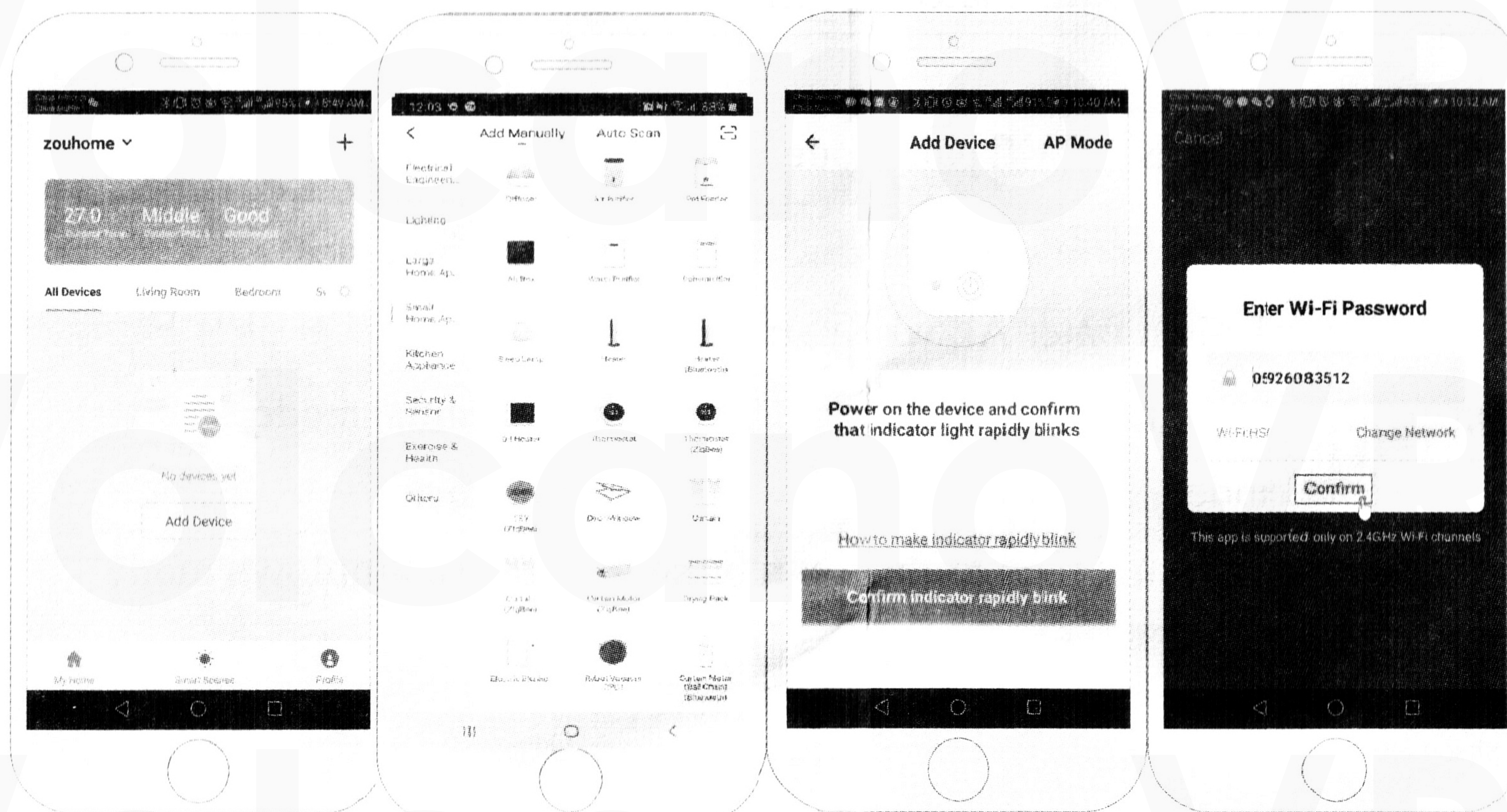


Fig 4-1

Fig 4-2

Fig 4-3

Fig 4-4

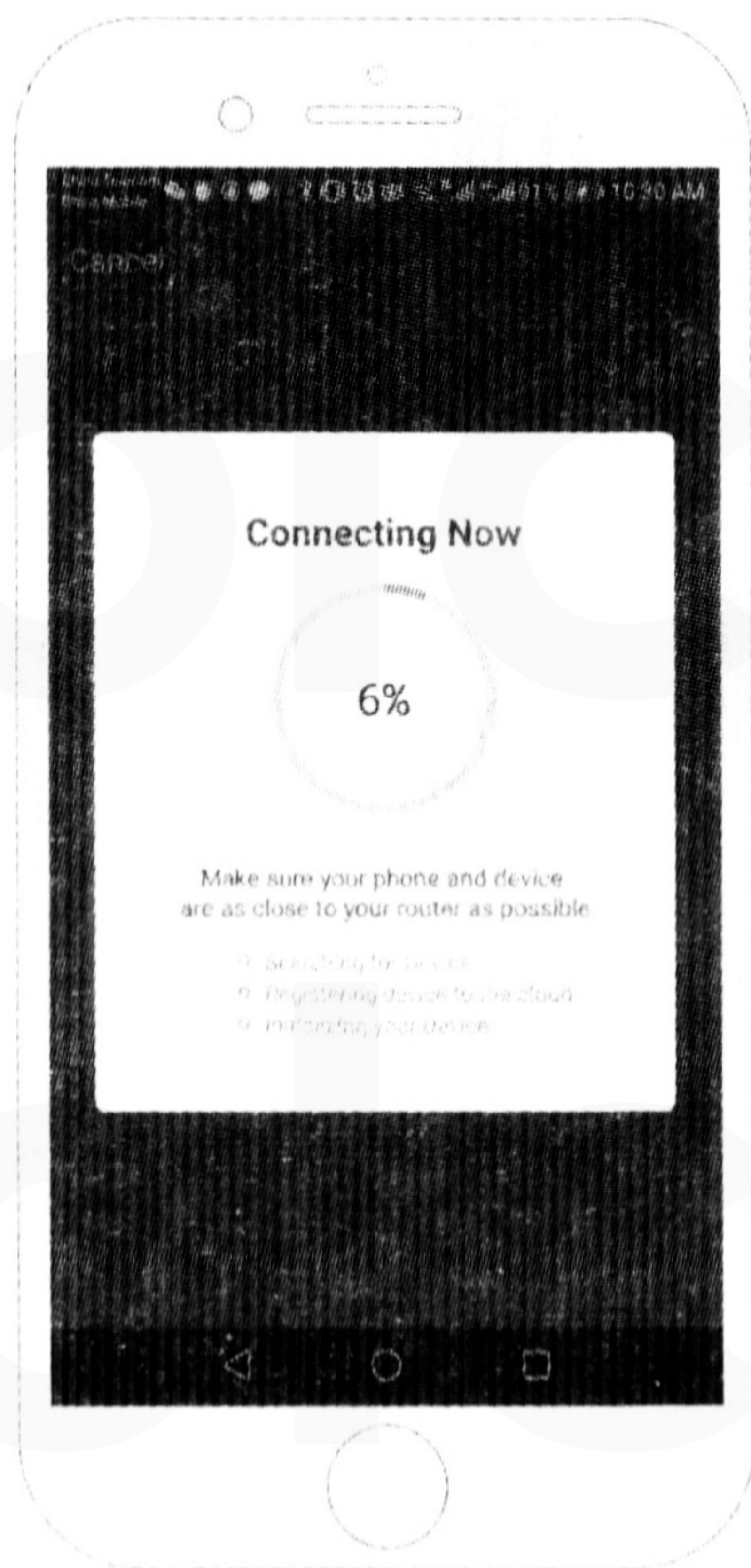


Fig 4-5

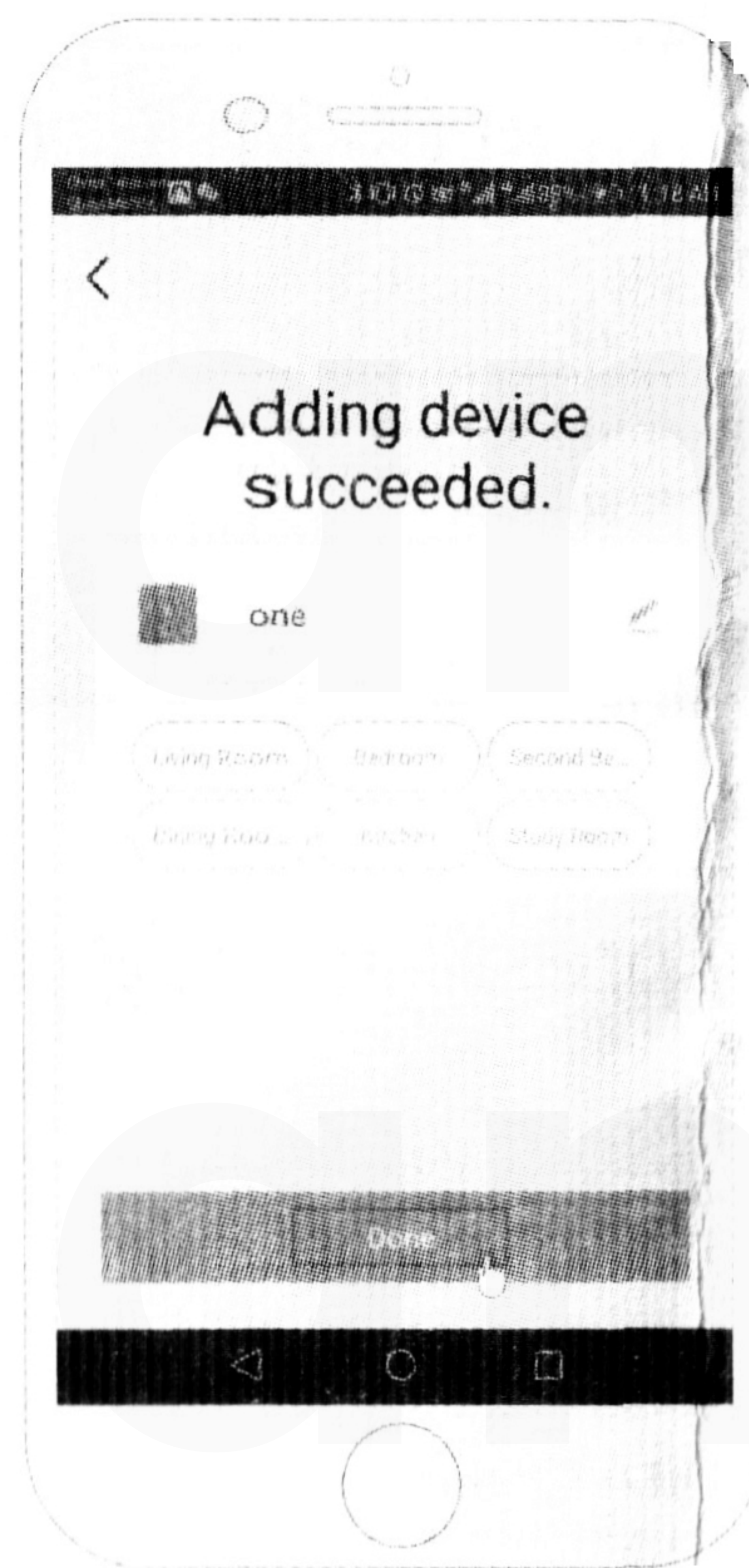


Fig 4-6

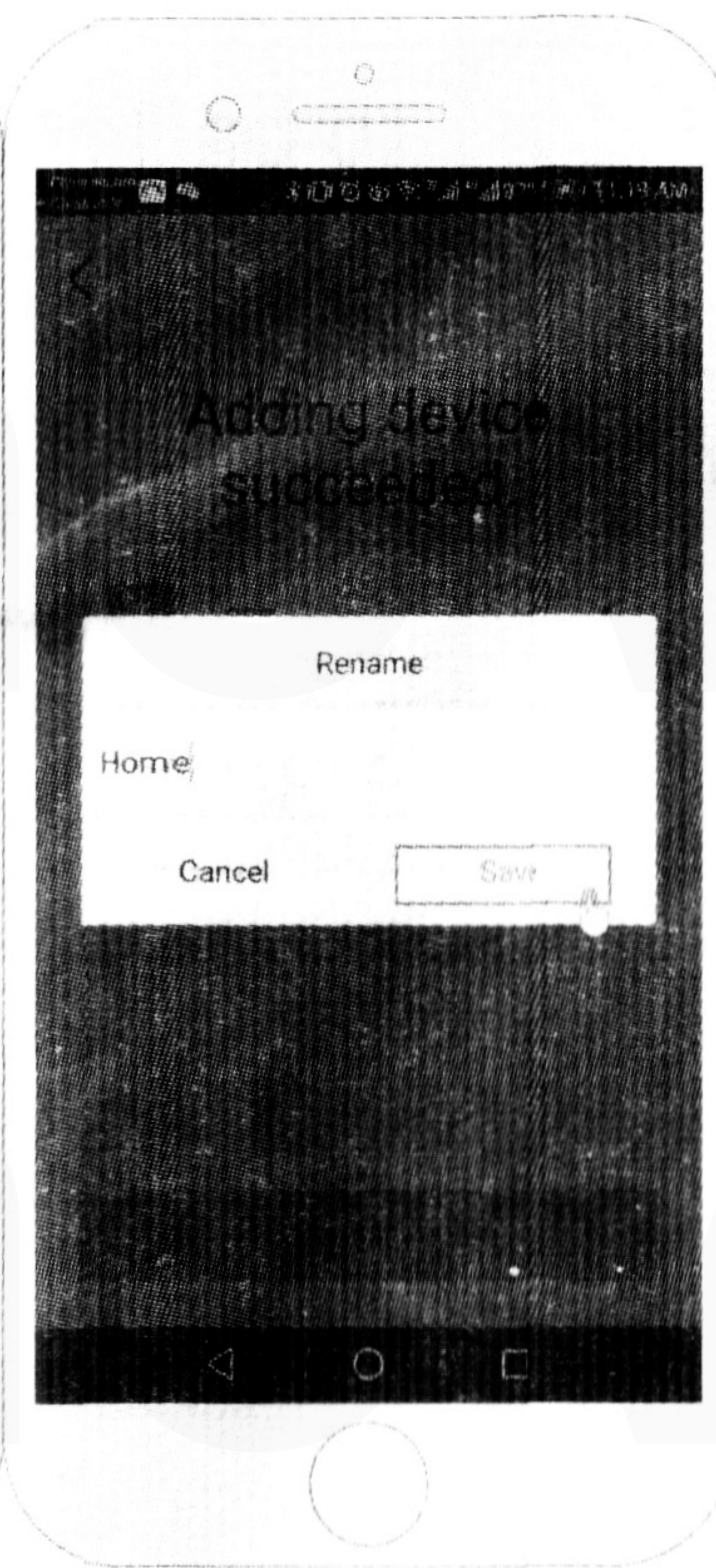


Fig 4-7

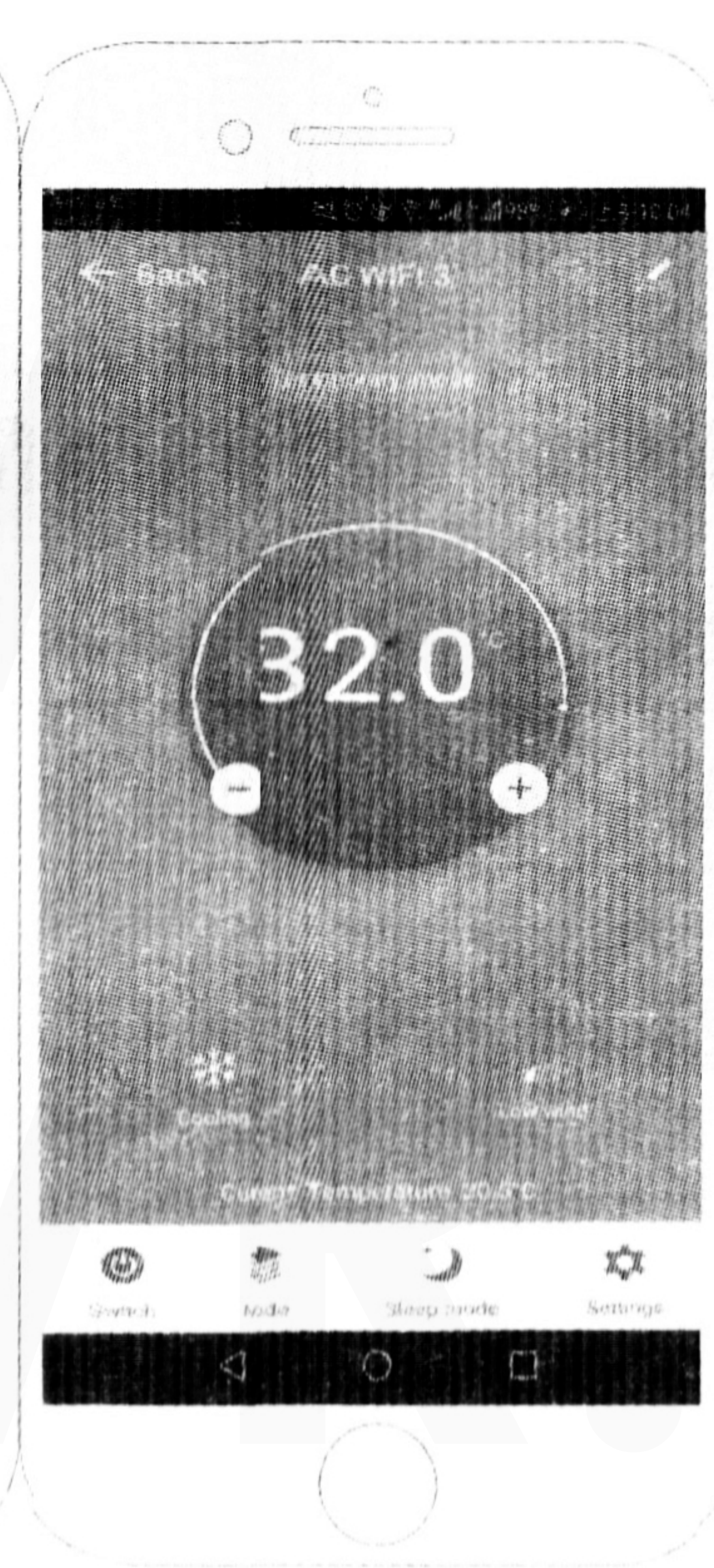





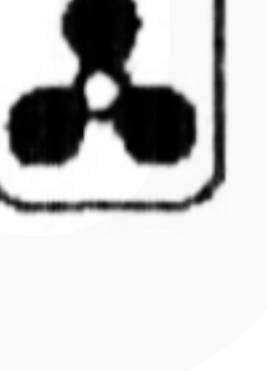



Fig 4-8

Step 4b (Alternative method) (AP mode pairing) Only do this if step 4a failed to pair the device

1. On the phone press "Add Device" or "+" in the upper right corner of the app to add the device (Fig 4-1) and under the small appliance section select the device type "Thermostat" and click AP Mode in the top right corner. (Fig 5-1)
2. On the thermostat press power on and then press and hold  and  until  flashes. This can take between 5-20 seconds. If  also flashes release buttons and press and hold  and  again until just  flashes.
3. On the app click "confirm light is blinking", then enter the password of your wireless router (fig 4-4)
4. Press "Connect now" and select the Wifi signal (Smartlife-XXXX) of your thermostat (Fig 5-3 and 5-4) it will say internet may not be available and ask you to change network but ignore this.
5. Go back to your app and click "Connect" then the app will connect automatically (Fig 4-5)

This may typically take up to 5~90 seconds to complete and will then show confirmation (Fig 4-6) and allow you to change the thermostat name (Fig 4-7)

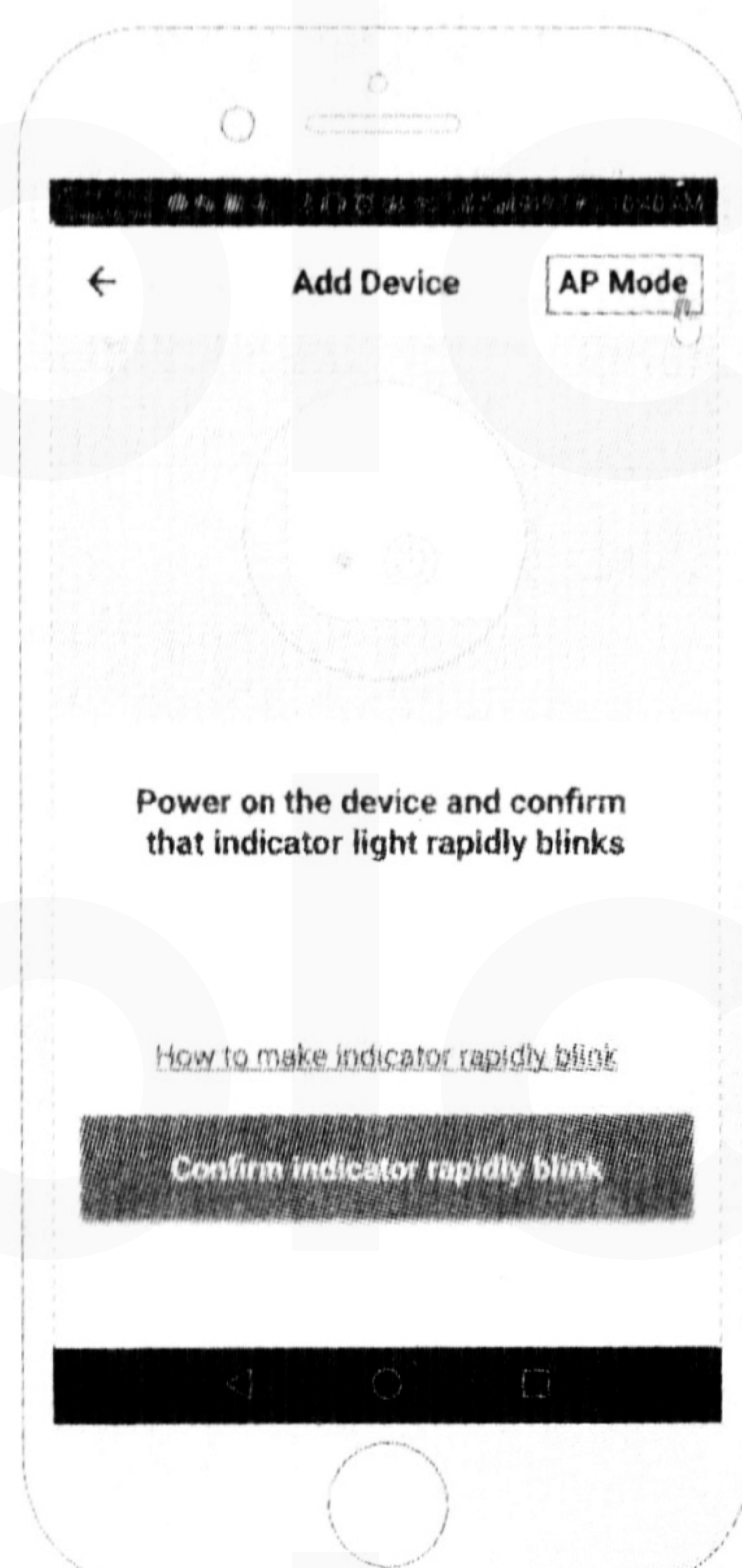


Fig 5-1

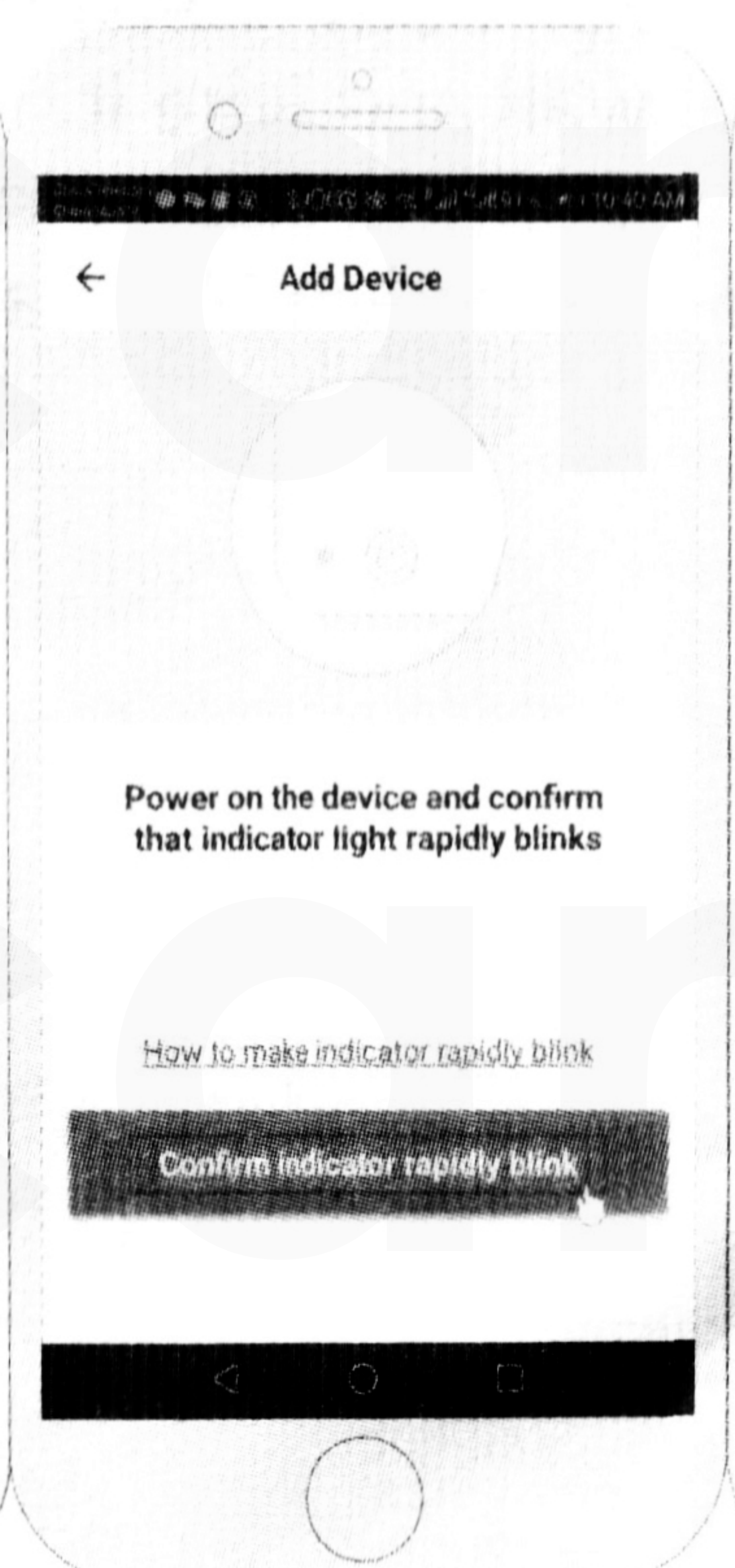


Fig 5-2

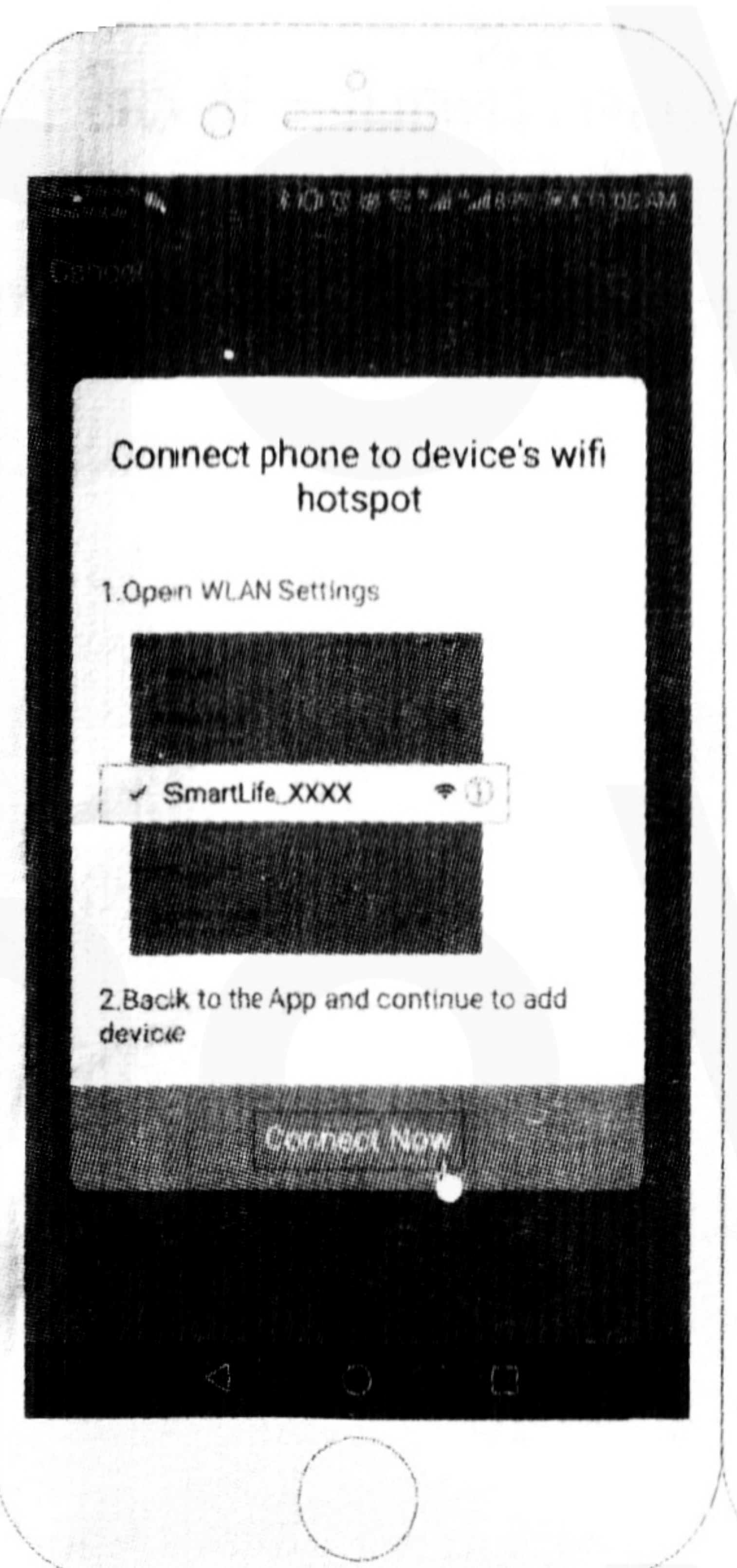


Fig 5-3




Fig 5-4

Step 5 Changing sensor type and temperature limit

Press the setting key  (Fig 4-8) in the bottom right hand corner to bring up the menu.

Click the Sensor type option and enter password (**normally 123456**). Then you will be given 3 options:

Step 6 Programming daily schedule

Press the setting key  (fig 4-8) in the bottom right hand corner to bring up the menu, at the bottom of the menu there will be 2 stand alone options called “week program type” and “weekly program setting”.



“Week program” type allows you to choose the number of days the schedule applies to between 5+2 (weekday+weekend) 6+1 (Mon-Sat+Sun) or 7 days (all week).


“Weekly program” setting allows you to choose the time and temperature of your daily schedule at varying points. You will have 6 options of times and temperatures to set. See example below.

Part 1	Part 2	Part 3	Part 4
Wake up	Leave Home	Back Home	Sleep
06:00	08:00	17:00	22:00
20°C	15°C	22°C	15°C

If you do not need the temperature to rise and fall in the middle of the day then you can set the temperature to be the same on parts 2,3 and 4 so that it does not increase again until the time in part 5.

Additional Features

Lock Mode: This option allows you to remotely lock the thermostat so no changes can be made. This can be done by clicking the  (Fig 4-8) symbol. To unlock click the  (Fig 4-8) symbol again.


Grouping devices: You can link multiple thermostats together as a group and control them all simultaneously. This can be done by clicking on the  (Fig 4-8) in the top right corner and then clicking the Create Group option. If you have multiple thermostats linked it will allow you to tick each one that you want to be in the group and once you confirm the selection you will be able to name the group.

Family Management: You can add other people to your family and allow them to control the devices you have linked. To do this you need to go back to the home page and click on the family name in the top left corner and then click on Family Management. Once you have selected the family you wish to manage there will be an option to Add Member, you will need to enter the mobile number or email address they have registered the app with to send them an invitation. You can set whether or not they are an administrator which allows them to make changes to the device ie removing it.

WIFI fan coil unit thermostat manual

Search for "Smart RM" or "Smart Life"
Download the Wifi App from Google Play or
APP Store



Turn on the thermostat, press and hold
the key combination “ SET ” and “  ”

Activate WIFI distribution network icon

Technical data

Voltage: AC90~240V,

Output: On/off type

Current: 3A

Display temperature range: 0~70°C

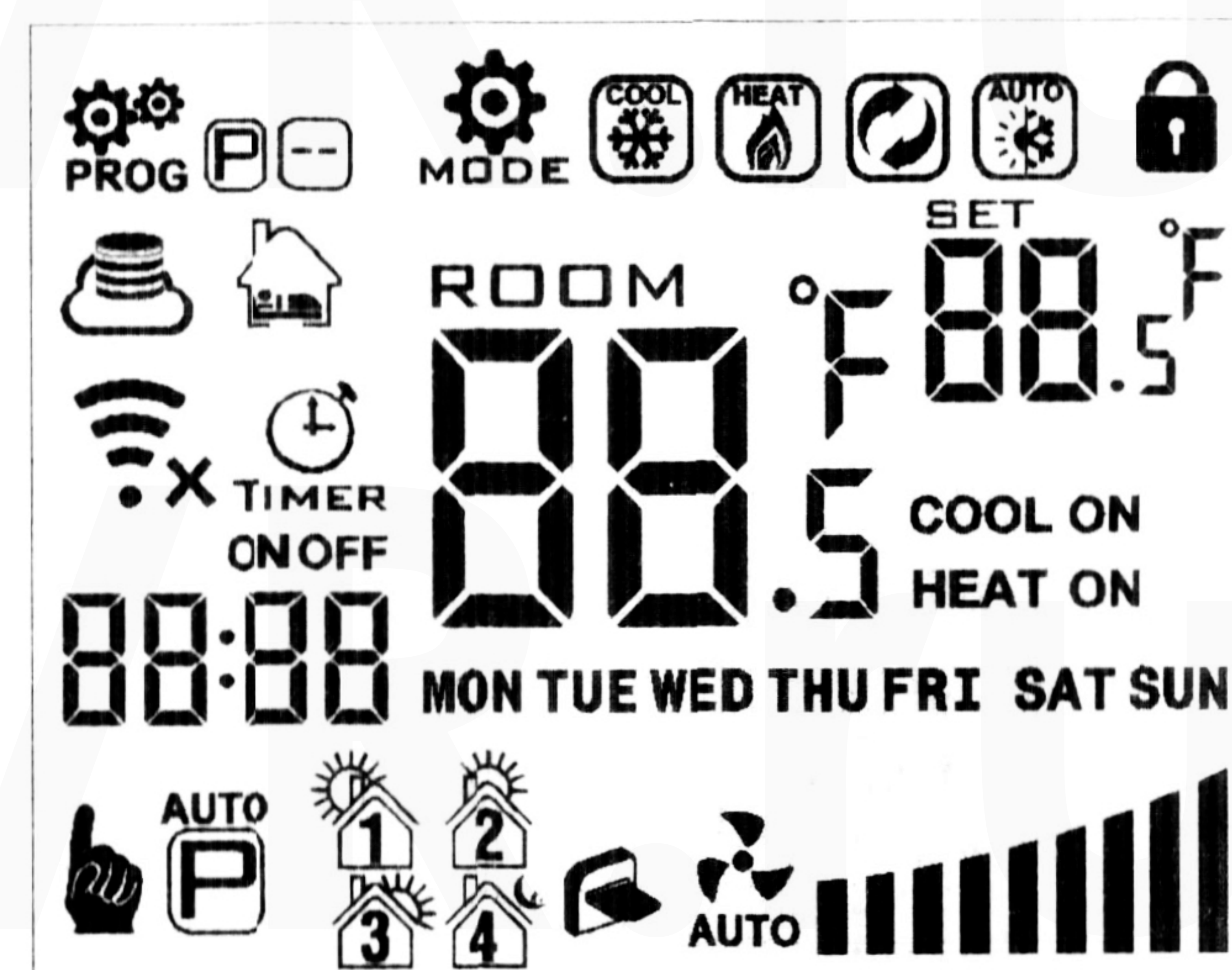
Accuracy: ±0.5°C







Work environment: -10~60°C

Setting range: 5°C - 35°C

Size: 86 * 86mm

Sensor: NTC(10k)1%



Icon	Description
	Increase key: short press to adjust data, long press to check external sensor temperature (When the sensor type is N3 in the advanced option)
	Mode switching key: short press to switch between manual mode and programming mode, long press to set special function parameters
	Decrease key: short press to adjust data, long press to lock/unlock
	Fan speed selection key: short press to set fan speed (confirm key when setting parameters), long press to enter sleep function setting
	Power key
	Press them together to enter matching wifi mode



WIFI connection, flashing as EZ wifi pair mode



Wifi status: Disconnection



Child lock



cloud icon, if flashing, then enter AP wifi pair mode



Auto mode; run preset program



Manual mode



Temporary manual mode






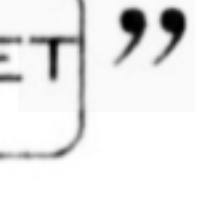







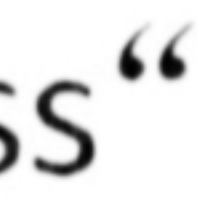


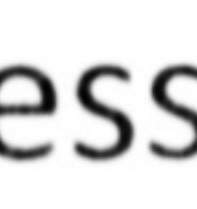




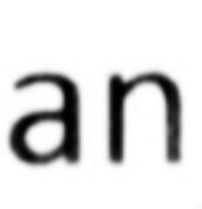











Clock










Holiday mode, Holiday days and temperature can be set to run in countdown mode

Operation

Operation	Description
Fan Speed	Turn on state ,press “  ” to choose fan speed (high ) 、 (mid ) 、 (low ) 、 ()
Setting time	Turn on state, press “  ” 3-5s , short press  to choose  , then press “  ” to set time: Minute “mm” flashing, press “  ” or “  ” to adjust, press “  ” to next setting.as same method to set hour and week.finally press  or wait 5S to exit
Timer	After connected wifi ,click “cloud” on the right corner of APP to set
Working mode	Turn on state,long press “  ” 3-5S, short press  to choose  ,next press  to choose mode:     “  ” is mean cooling mode, “  ” is mean heating mode, “  ” is mean ventilation mode;  is mean auto mode
Control valve	When cooling mode(heating mode),indoor temperature more (lower) 1°C than setting temperature, open valve; after equal, closed valve,fan is still running. Ventilation mode (fan is not control by temperature as default) If fan be controlled by temperature,then valve and fan will be closed.
Locked function	long press  to lock/unlock
Alarm	E1 : inner sensor alarm E2 : external sensor alarm
Sleep mode	Turn on state, long press  ,  is flashing, short press  to run it, short press  to cancel Remark: Sleep mode is not available when run ventilate mode or auto mode
Manual/ program mode	Turn on state, shore press “  ” to switch manual mode/program mode

HY08AC thermostat support set different time and different temperature; Compatible with 5+2,6+1,7days

Program type


Long press  3-5S, next short press  to choose  , then short press  to program mode setting, use  and  to adjust value 。 After short press  to set next time section setting

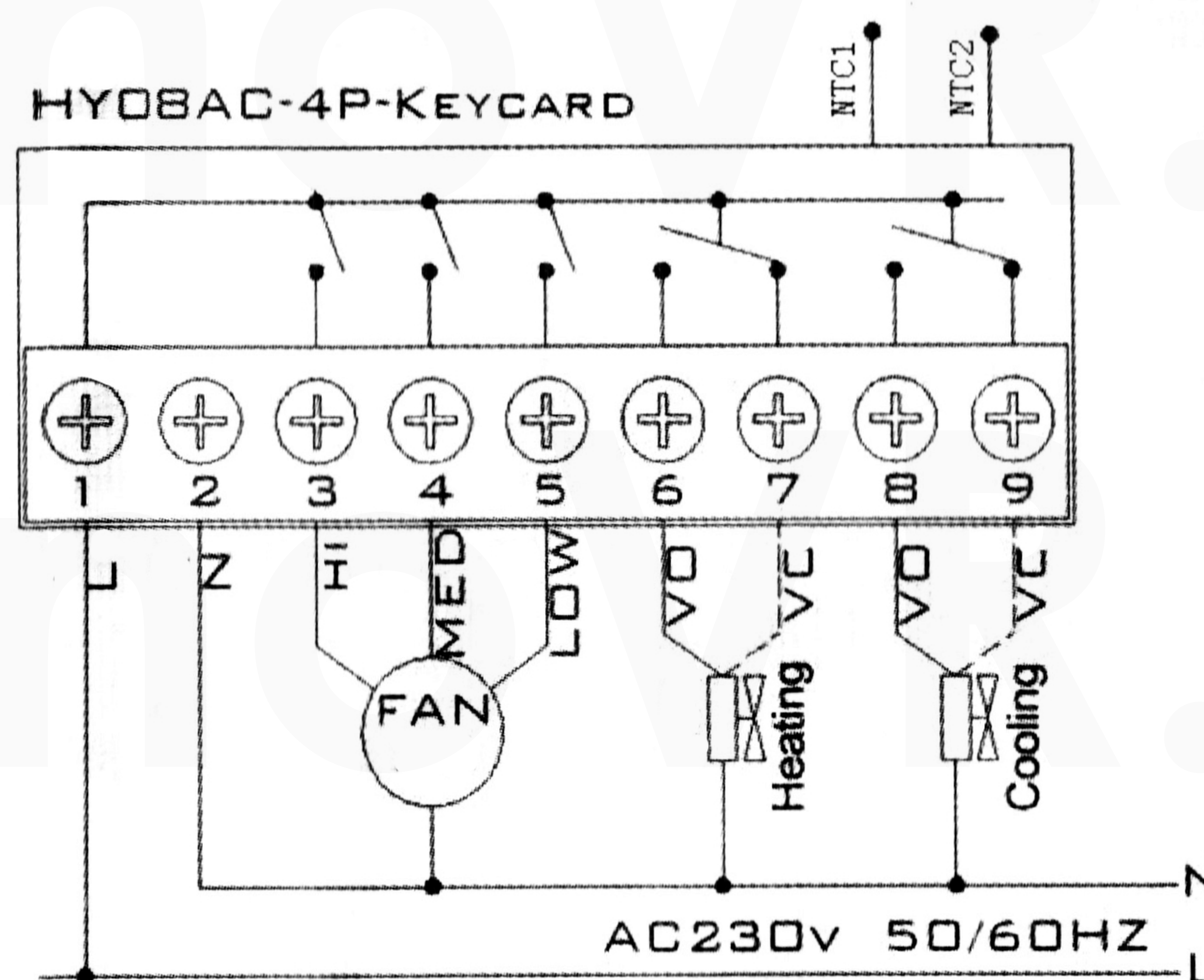
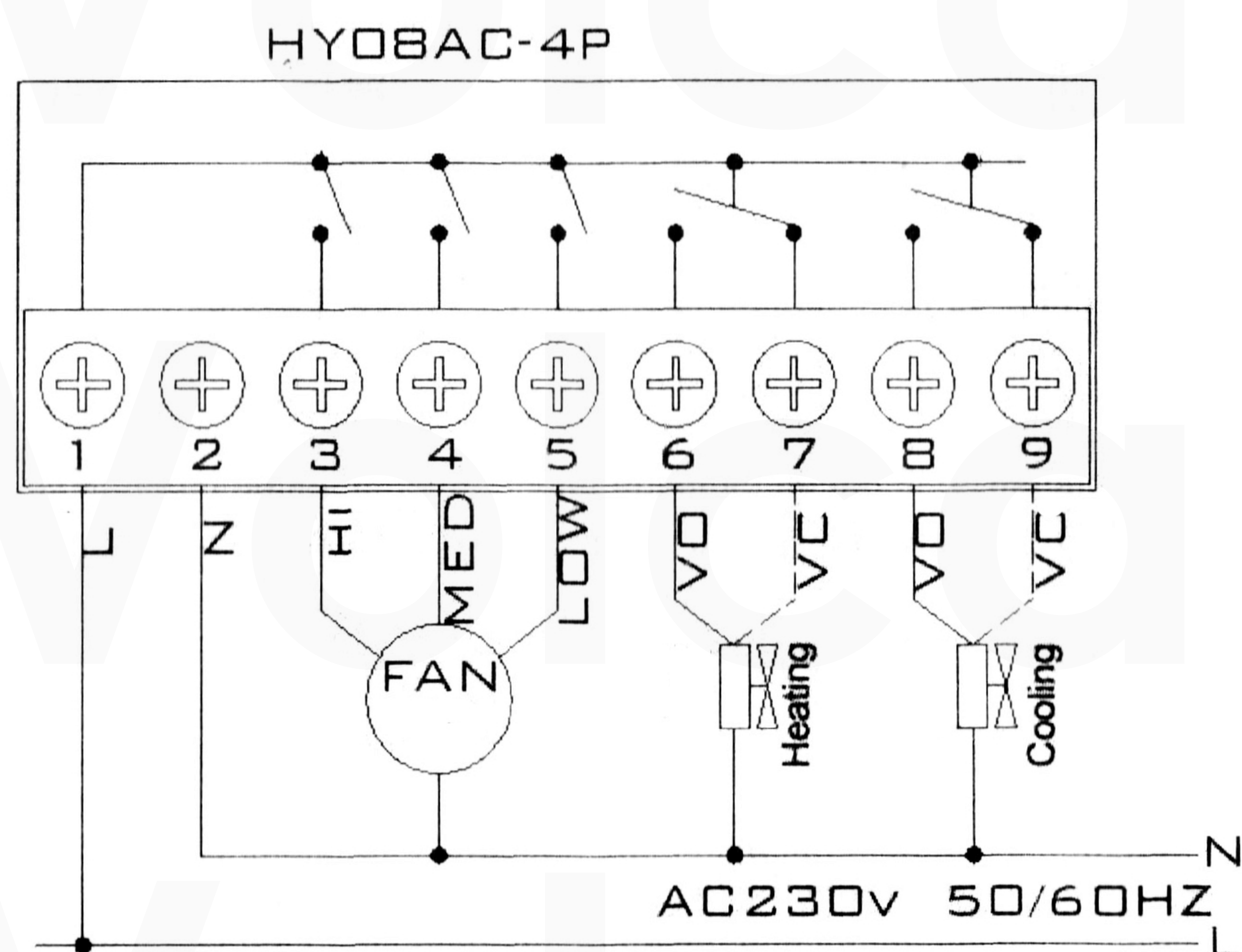
Time section		Icon	Time (default)	Temperature(default)
Monday to Sunday	1		06:00	20° C
	2		08:00	15° C
	3		17:30	22° C
	4		22:00	15° C

Advanced Option

Turn off thermostat ,long press 5S to enter advanced setting options, Short press to set next item, press“”or“”to set item data

Symbol	Item	Parameter	Default
A1	Temperature Calibration	-9-+9°C	-1°C
A2	Children Lock	0:half lock; (It is available to turn on/off and adjust temperature) 1:full lock	0
A3	Setting the lowest limit temperature	5-15°C	5°C
A4	Setting the highest limit temperature	16-50°C	35°C
A5	Fan energy saving control	0: valve off,fan off 1: valve off,fan always on	0
A6	Program mode type	0=5+2 1=6+1 2=7 (everyday all the same)	0
A7	Choose valve output	2:2pipe 4:4 pipe	4
A8	Choose sensor	N1:inner sensor N2:external sensor N3:Double sensor when choose N3, In the heating state, normally only valve is opened , and the fan is turned on when the external temperature is detected to be $\geq X^{\circ}\text{C}$. When the temperature is detected	N1

		to be lower than (X-2) °C, the fan is turned off.	
A9	Set temperature for external sensor	20-60°C	38°C
AA	Backlight sleep time	5-30S	10S
AB	Reset	Display Ao, press  key until whole show	Ao

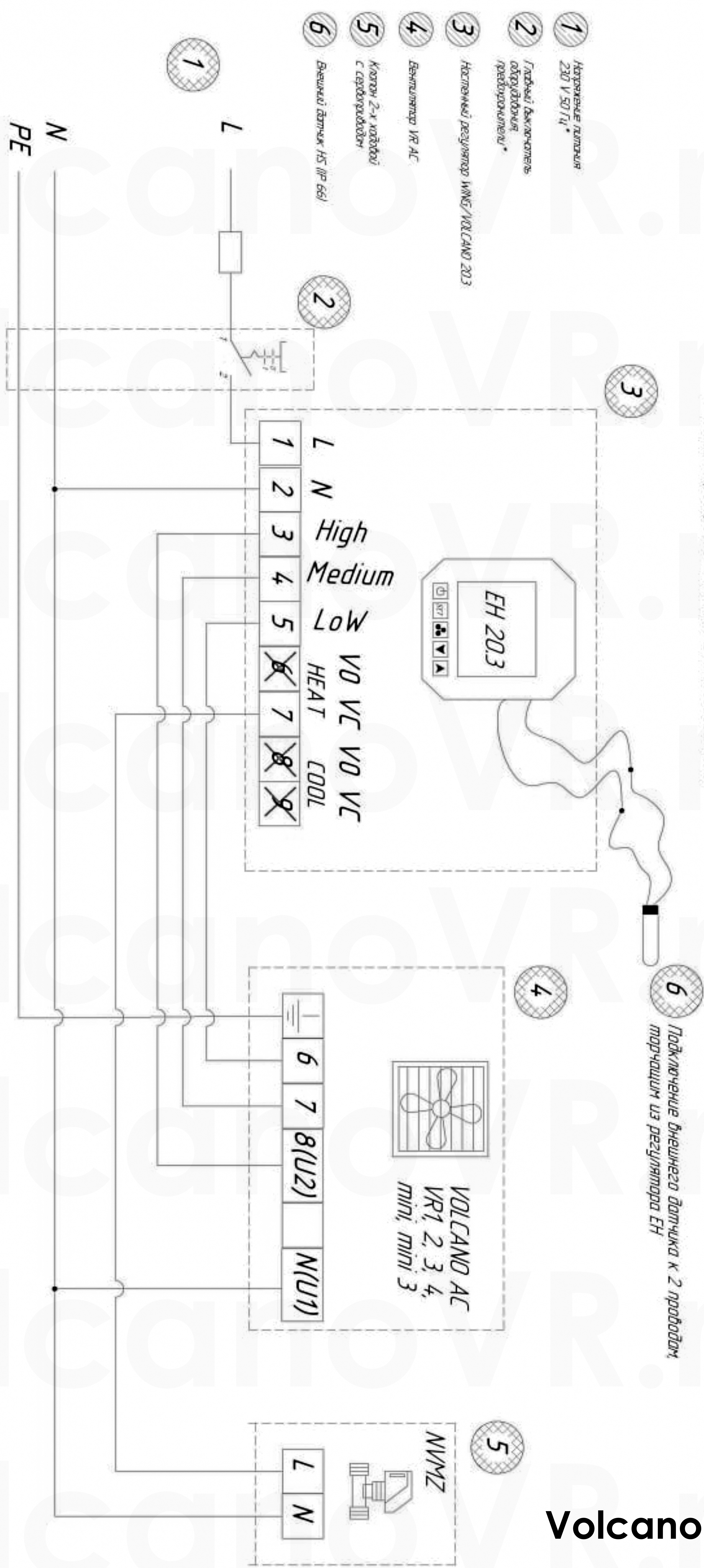


Cautions on Installation

1. To prevent the thermostat display from a high fluctuation, special treatment has been made to the program. Therefore, it is normal that the thermostat cannot immediately display the sudden change of temperature.
2. The thermostat installed on 1.5m above the ground.
3. For the thermostat installed, please take care not to install it to the wall corner, door / window side or behind the door or in such unheated area as exterior wall. Avoid hot / cold air duct, radiator, flue or thermal pipe
4. When install the power supply, make sure that the power cable is well insulated.
5. Don't open the internal circuit board.
6. HY08AC series thermostat design for the standard 75x75x 35mm wall mount box installed. Follow the instructions to open the rear cover base, mount it on the wall and wire it.
7. Before installing the thermostat, make sure that the system is disconnected. The maximum voltage of the system shall meet the requirements specified in the Instruction Manual (Max. AC Voltage: 250V).

Максимальное количество разрезовов VOLCANO подключенных к одному настенному регулятору скорости WING/VOLCANO EH 20.3:
 VR Mini/VR Mini 3 = 3шт.,
 VR1/VR2 = 2шт.,
 VR3/VR4 = 1шт.

Подключение автоматики для калорифера VOLCANO AC в схеме, где термостат управляет работой вентилятора по скорости (1-, 2-, 3- скорости) и температуре окружающего воздуха +10/+30 град. а также сервоприводом клапана 2-х ходового NVMZ.



* в состав оборудования не входит: главный выключатель оборудования, предохранитель и питающий провод
 Рукавички элементов автоматики предоставляются исключительно визуализацию проводки.
 Подключение элементов автоматики должно быть выполнено так, чтобы обеспечить возможность сервисного обслуживания. Устройства должны быть установлены в хорошо вентилируемых местах, с возможностью свободного изменения установки.

Настройка клапана не требуется, они не регулируются, имеют 2 положения:

- 1 - Нормально закрытый
- 2 - Полное открытие при подаче электропитания 220В.

При установке клапана с сервоприводом, для систем отопления важно учесть 2 нюанса:

- 1 - Положение сервопривода должно быть или строго вертикально, или строго горизонтально (иное положение - негативно влияет на срок службы механического редуктора).
- 2 - Установка клапана - желательна на выходе патрубке теплового пункта, поскольку обратный тепловой пункт имеет более низкую температуру, относительно входа и это также положительно скажется на ресурсе сервопривода.