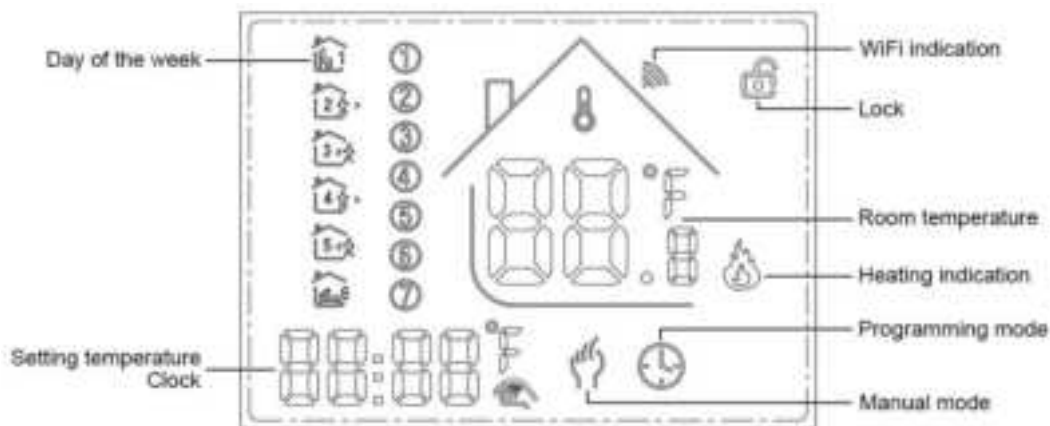## AC603H WIFI THERMOSTAT

AC603H Series Intelligent Heating Temperature Controller with weekly programming function, it can be set six period times & the corresponding setting temperature per day. You also can choose manual control or temporary control mode of operation. With the unique far-way control function, simple operation, energy saving and environmental protection, this thermostat can be suitable for electric heating equipment control and water system heating electric drive valve control.

1. Parameter：

Voltage：	120VAC，60HZ	Current：	Imax16A
Power consumption：	<1W	Control range：	5℃~45℃
Default temp. deviation：	1℃（0.5~10℃ adjustable）	Limitation setting：	20~60℃
Accuracy：	±1℃	Environmental temp.：	-5-50℃
Sensor：	NTC	IP Grade：	IP20

2. Panel display:

3. Function：

🔊：Manual mode: Control the device by manual。

🕐：Program mode: It can be controlled automatically by the set time& temperatures (with six different time & related temperature)，see below:

🔊、🕐simultaneous display：For temporary control mode, press"⌂"or"♥" will change to this mode, the device will comes out of the temporarily current period time control, and come into the control of the manual mode, which also will automatically return to the programming mode when the next period time comes.

🔒：Lock, Press the key"⌂"&"♥"together for more than 5 seconds, the device locked, and press them for another 5 seconds, it will unlock again.

🔥：Heating : Means for heating now.。

❄：Antifreezing,(See the details of advance setting 5), start the antifreezing function.

4. Button Functions

◯ ： Power, ON/OFF by short press.

▦ ： Mode, Short press for manual model& programmable mode change.

🕐 ： Clock, Short press for time setting.：minute setting→ hour setting→ week setting. Press"🕐"for next parameter setting, the twinkled data means to be set, press"⌂"or"♥"to setting and 10 seconds can be recorded after everything to be recorded.

⌂ ： Up, for increase the related parameters or adjust working mode.

♥ ： Down, do decrease the related parameters or adjust the working mode.

Weekly Program: Under Power on mode, press" 🕐and " ◯for 5 seconds enter weekly programmable setting mode, press"⌂"or"♥"for data change, then press " ▦ "to come to the next setting with the related sequenceas below:

Time(Period 1) →Temperature(Period 1) Monday to Friday →…→Time(Period 6) → Temperature(Period 6) Sunday

（see below attachment, each previous Period setting time can't exceed the next Period time）

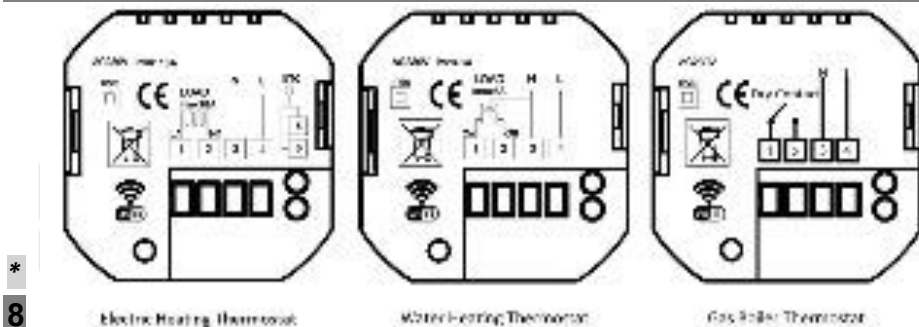| Periods	Icon	Weekday (Monday ~ Friday)		Weekend (Saturday)		Weekend (Sunday)	
		Time	Temperature	Time	Temperature	Time	Temperature
1		06:30	21℃	06:30	21℃	06:30	21℃
2		08:00	18℃	08:00	18℃	08:00	18℃
3		11:30	21℃	11:30	21℃	11:30	21℃
4		12:30	18℃	12:30	18℃	12:30	18℃
5		18:00	21℃	18:00	21℃	18:00	21℃
6		22:30	16℃	22:30	16℃	22:30	16℃

5. Advanced setting：

Under Power off status, press" 🔲&" ⚪multaneously for 5 seconds for coming into the advance setting mode, the screen will display all the related No. & dates, then press"ⱯＯ"or"Ｖ"for dates, change, then press" "to con🔲to the next setting, All of the parameters will be kept in record after press " " after fir🔲h setting.

Code	Option	Default parameters	Details
1Adj	Room Temperature Calibration	-2	-9℃~+9℃
2Sen	Sensor type	In	I n：internal sensor（to control and protect the temperature） OU：external sensor（to control and protect the temperature） AL：internal/external sensor （internal sensor is for room temperature controlling, external sensor is for temperature protection）
3Lit	High Temperature Protection	50.0	5~60℃
4dif	Switching Deviation	1	1~5℃
5Ltp	Low Temperature Protection	Off	On：Function turned on Off：Function turned off
6Hit	Max. Set Temp.	45	35~95℃
7OEN	Open window detect function (OWD)	OFF	On：Function turned on Off：Function turned off
8Otl	OWD Detect Time	15	Range：2~30min
9Otp	OWD Drop temp. select (Within detect time)	2	Range：2~4℃
0Pdt	OWD Delay time select (Recover to previous working status)	30	Range：10~60min
AFAC	Factory Reset	-	when show"-"and keep press "🔲" for 5 seconds until show"- - -", it means return to the restore factory reset

6. Installation:

1. Release the front cover by inserting a screwdriver into bottom crack.

2. Connect wires as the diagram, then tighten the screw.

3. Mounted the backing plate in the wall socket by screwdriver.

4. Connect the back power & front plate with insert the Conductive pin into the socket, then match the slot and press slightly to make them matched well.

7. Connecting Diagram

Electric Heating Thermostat   Water Heating Thermostat   Gas Boiler Thermostat

1. Scan above QR Code or sourcing the Apps "Smart Life" Or "TuyaSmart" at App Store.

2. Account registration first, click "**+**" in the upper right corner of the main interface to add device.

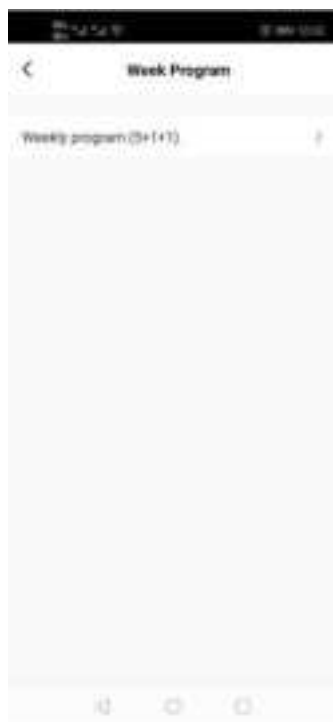3. Please select "Thermostat" in "Small Home Application"

4. Long press thermostat button "▦" & "▲" key, until "▨"icon shown on LCD and flashing, then click "Confirm indicator rapidly blink"

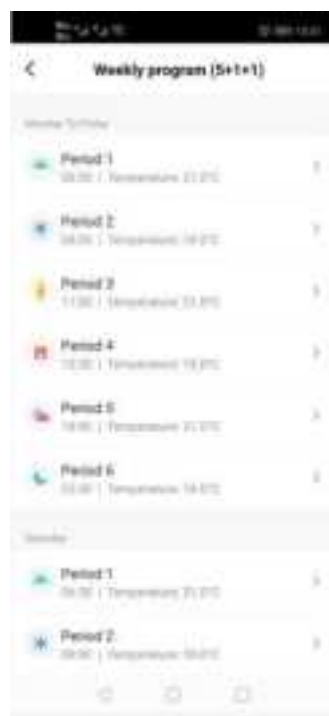5. Enter Wi-Fi password and click "Confirm", then click "Continue" to pair the devices

6. Waiting a few seconds till the device added successfully, click "Completed" to device main interface

3.Click "Program" for more weekly program setting

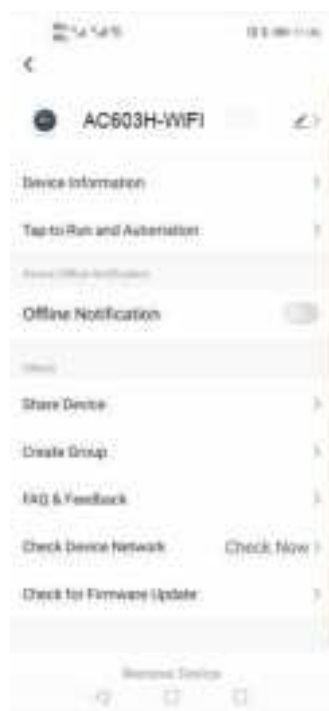4. Click "Week Program" to enter program settings

5. Set time and temperature

6. Click "Setting icon'' for more settings

11. Users could change any one of them as they want

12. Click on the top right corner to get device information.

13. Device name can be changed here

14.Click "ON/OFF" to turn on/off device

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement
To maintain compliance with FCC'S RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.