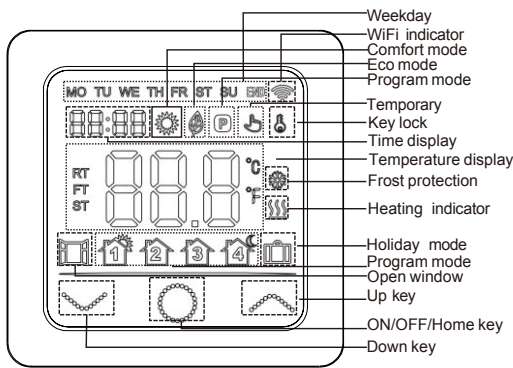


F60 is modern design flush-mounting WIFI thermostats equipment with VA screen. It is used for electric, water, boiler heating. Carefully study this manual and make sure it is installed by qualified people.

Parameter

- Voltage: 220V/230V
- Power consumption: F60:1W, F60W:2W
- Setting range: 5-40 °C
- Temp deviation: 0.5,1,2,3
- WIFI type: 2.4Ghz
- Protective range: IP21
- Material: Anti-flammable ABS
- Application: Built-in sensor, floor sensor

Symbols display



Operation

- 1.On/OFF: Press key for 3second to turn on, press 3 second again to off.
- 2.Lock: on main screen, press key 3 second to lock, press 3 second again to unlock.
3. Mode: on main screen, press key to choose mode program-comfort-eco-holiday mode.
 At Comfort mode: press to set temperature, need not to confirm,thermostats will always operate under settemperature.Default 23°C ,max 35°C.
 At Eco mode: press to set temperature, need not to confirm, thermostats will always operate under settemperature. Default 18°C ,max 35°C.
 At program mode: Thermostat will operate under program indicated in settings F2.
 Temporary mode: at program mode, press to set temperature, thermostats enter into temporary mode, thermostats will operate under set-temperature until next heating period.
 At holiday mode: press to set temperature, need not to confirm, thermostats will operate under set-temperature according to days set in advanced setting F4.
 Default 10°C,max 20°C.

Item	Default Value	Range
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Setting

Press for 3 second to turn off thermostat, long press and simultaneously till F1 appearance. Press or to select F1, F2, F3, F4, F5

Item	Setting	Explanation
F1	Date, Time setting	Modify date, time
F2	Program	Modify time, temperature of 4 program period
F3	Read operation time	Read working time per day, month, year
F4	Advanced setting	Modify advanced setting
F5	WIFI connection	000: No reset 001: Reset and WIFI in EZ mode 002: Reset and WIFI in Ap mode

F1: Date, Time Setting

Select F1, press to enter, press or to set day,hour,mins, press to confirm. After finish setting, press to leave or thermostats will go back main screen 5 second late.

F2: Program

Select F2, press to enter, press or to select day and p- eriod, press to enter, use or to set time and temperat- ure,use to confirm. After finish setting, long press to leave or thermostats will go back main screen 5 second late.

Standard program:

DAY	Period 1	Period 2	Period 3	Period 4
Mon-Fri	WAKE 06:00 20°C	LEAVE 08:30 15°C	BACK 17:00 20°C	SLEEP 23:00 15°C
Sat-Sun	WAKE 06:00 20°C	LEAVE 08:30 20°C	BACK 17:00 20°C	SLEEP 23:00 15°C


F3: Read operation time








Select F3 ,press to enter, press or to see operation time per day,month,year.
 Eg: 10:17 03 mean thermostat operate 3 days 10hours 17mins.press to leave.

F4: Advanced setting

Note: Menu here should be modified by installer or qualified people.
 Select F4 ,press to enter, Use to select item, Use or to modify value. long press to leave.

01: Sensor Selection	01	01: Built-in with floor limit 02: built-in sensor 03: Floor sensor
02: Room temperature calibration	0°C	-5°C~5°C
03: Floor temperature calibration	0°C	-5°C~5°C

04: Floor. Limit	35°C	5°C~60°C
05: Schedule	5-1-1	5-1-1/7
06: Adaptive start	OFF	ON/OFF
07: Adaptive start time	20 mins	0-40mins
08: Open window function	OFF	ON/OFF
09: Sensor type	10K 3K/5k/6.8k/10K/	2K/15k/20k/22k/33k/47k
10: Anti-freeze function	ON	ON/OFF
11: Holiday time	1 day	1-99 days
12: Temp deviation	1°C	0.5°C, 1°C, 2°C, 3°C
13: Display Precision	0.5°C	0.5°C, 0.1°C
14: Operation step	0.5°C	0.5°C, 0.1°C, 1°C
15: Reset	No (if select Yes, Long press  to confirm till main screen appear to complete reset)	No/Yes
16: Display at thermostat OFF	02	01: Show OFF 02: Show Temperature
17: Temperature unit	°C	°C/°F
18: Thermostat state at power-on (after power-off)	1	1: Same to state before power off 2: Turn off thermostat 3: Turn on thermostat & work with mode before power drop

If thermostat is not in list on app, turn off thermostats, press  and  simultaneously, then select F5, press  to enter, use  or  to select 001, press  to confirm. Wait a second, WIFI signal on main screen will flash quickly, Open Tuya app, click Add button “” again.

F5: WIFI connection


Step 1: Download and install Tuya app by scanning QR code or searching “Tuya Smart” in Google Play or Appstore. Login in or register a new account. Keep app login in.

Step 2: Add thermostats to Tuya smart app.

Make sure mobile phone connect to 2.4G WIFI before adding thermostats. Thermostats is only available for 2.4G WIFI.







Automatic add method:

Turn on Bluetooth on phone. Login in Tuya app and click add button “” on the right top corner. Wait a second and you will find thermostat is in list ready for add, Click add button add a-gain. Enter WIFI PIN, thermostats will add automatically.

Manual Add method:

At this stage, 2 modes for choice: EZ mode and Ap mode

EZ mode: Select F5 on thermostats, enter and select 001, press  to confirm. Wait a second, WIFI signal on main screen will flash quickly. Open Tuya app, click add button "" → click small home appliance on left column → click thermostat (Wi-Fi) on right column → select WIFI & enter PIN, you will see therm- ostat is adding.

Ap mode: Select F5 on thermostats, enter and select 002, press  to confirm. Wait a second, WIFI signal on main screen will flash slowly. Open Tuya app, click add button "" → click small home appliance on left column → click thermostat (Wi-Fi) on right column → select WIFI & enter PIN → select ap mode on the right top corner and press for next → go to connect → find and connect WLAN named "Smartlife****" → you will see thermostat is adding.

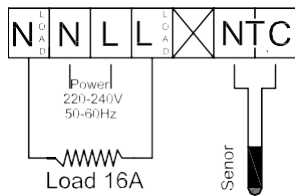
Sensor Failure

Er1: Built-in sensor short-circuited or disconnected.

Er2: External sensor short-circuited or disconnected. When shows Er1/Er2 error, thermostat must be checked till the error is eliminated.

Mounting Steps

Wiring Diagram:



Note: the thermostats should be only applied full load 3200W in 2500m height above sea level, and 80% in the 2500M to 4200M.

