User Manual

P/N: T302 Serie

June, 2012

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Version: 1.1

Your ***T302*** room thermostat, based on advanced technique, is designed to control most Heating/Cooling devices and 3-speed fan as well. It'll keep the room temperature at a stable temperature degree. Once properly installed and configured, it'll bring you many years of trouble-free experience.

And please read the manual carefully and make a thorough understanding of this manual.

Even though great attention has been paid for preparing the manual. Keveno Electronics Inc. shall not shoulder any responsibilities for the errors or omissions in this manual. The user should make sure the thermostat or the equipment connected to it is operating to their respective specifications and in a safe manner.

The specifications of the T302 room thermostat, due to continuous product improvements, will be changed without any further notice.

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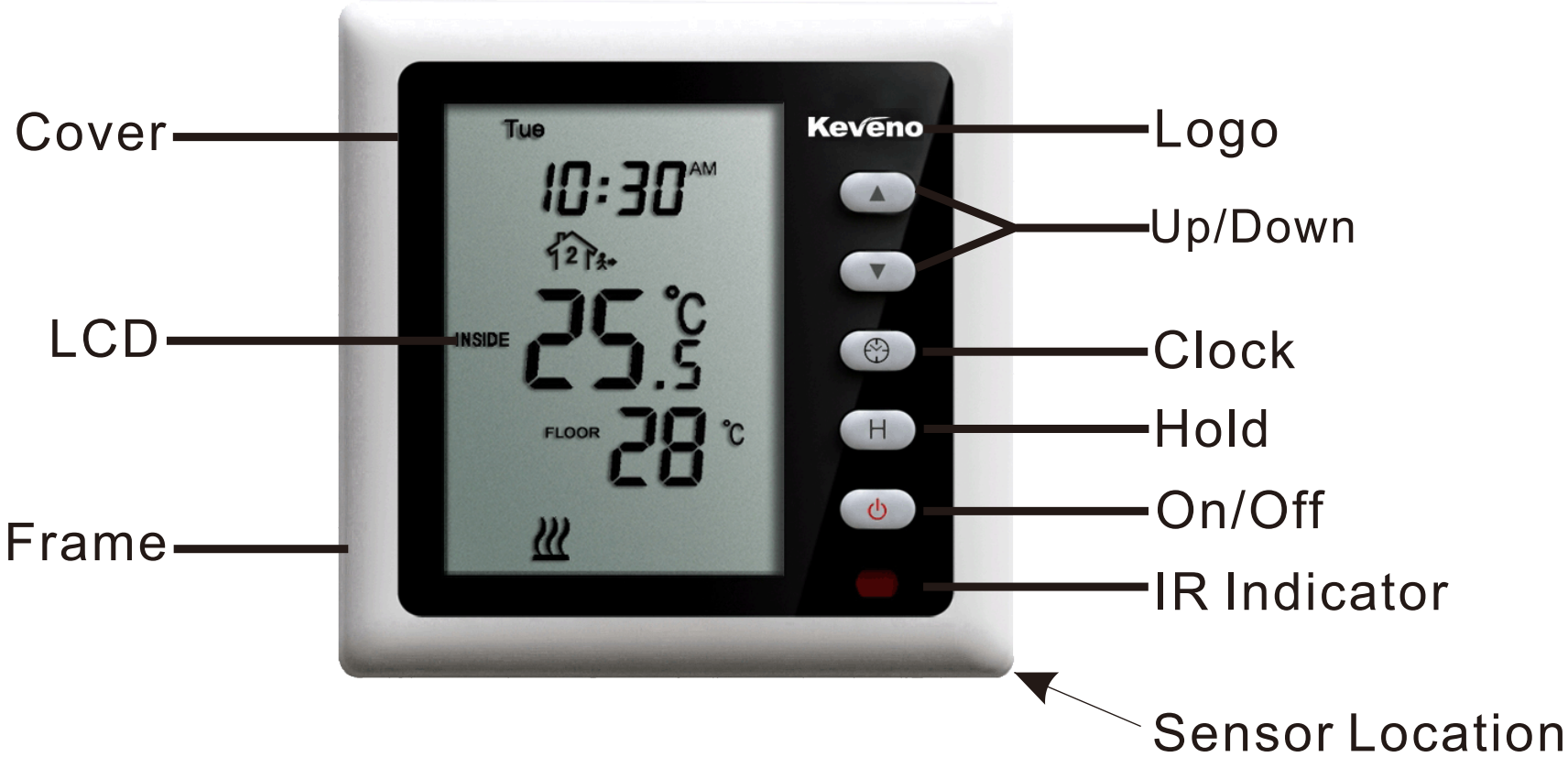
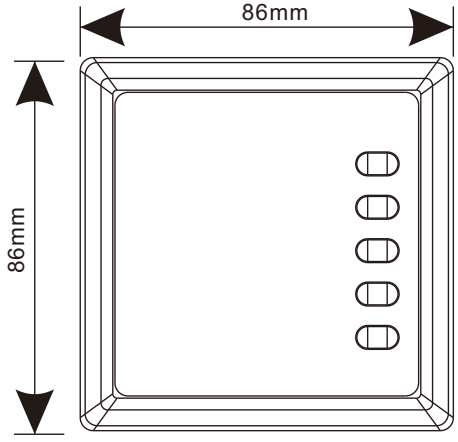
FRONT PANEL

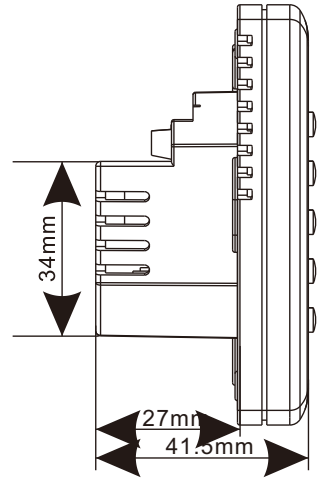


More accurate temperature detecting!

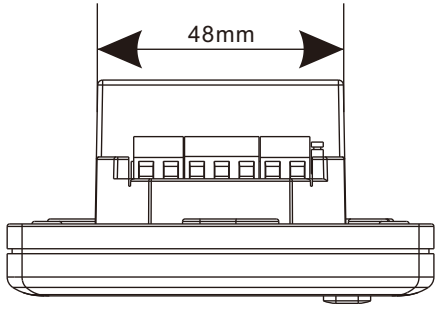
DIMENSION



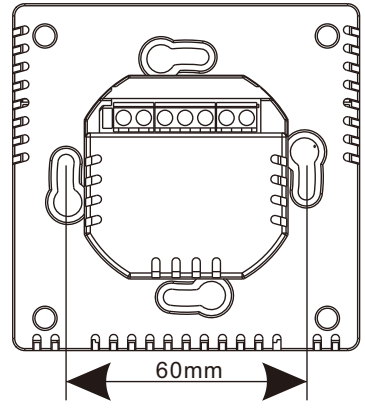
Front View



Side Elevation



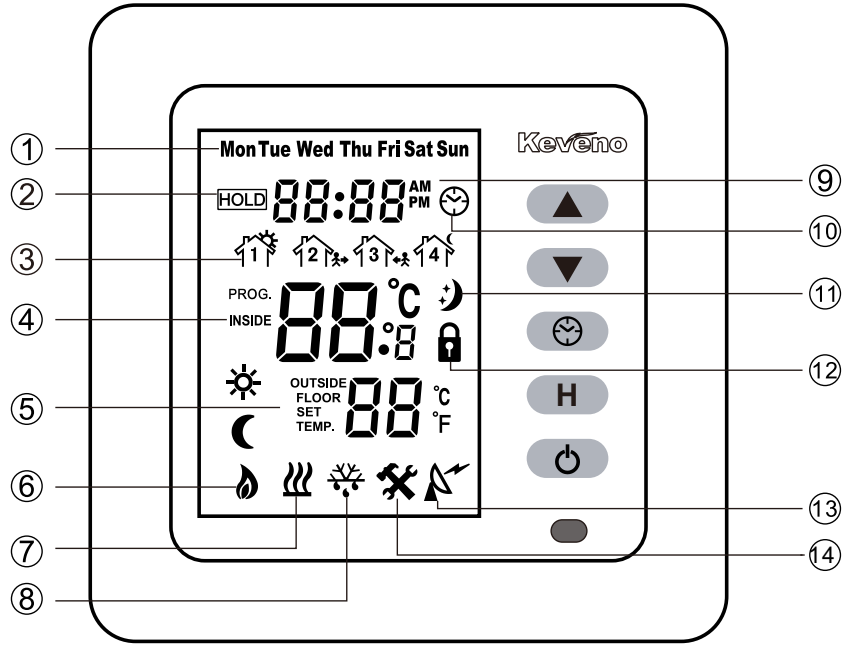
Planform



Rear View

BASIC FUNCTIONS

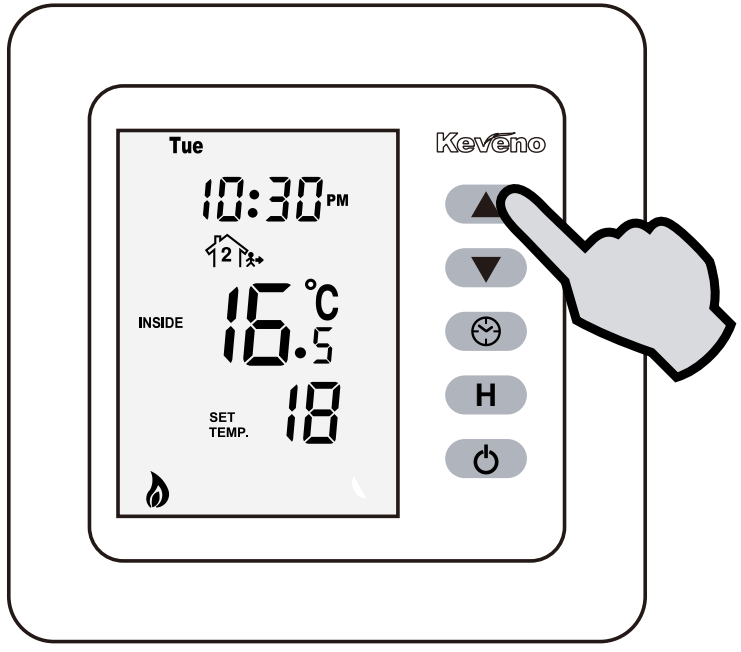
THERMOSTAT ICONS



1	Weekdays	11	Night Setback
2	Temp. Hold	12	Button Lock
3	4-Period Icons	13	Network
4	Room Temp.	14	Fixing Icon
5	Setpoint or other Temp.		
6	Thermostat on Heating		
7	Floor Temp. Reach the Max. Limit		
8	Defrost		
9	Current Time		
10	Timer Icon		

BASIC FUNCTIONS

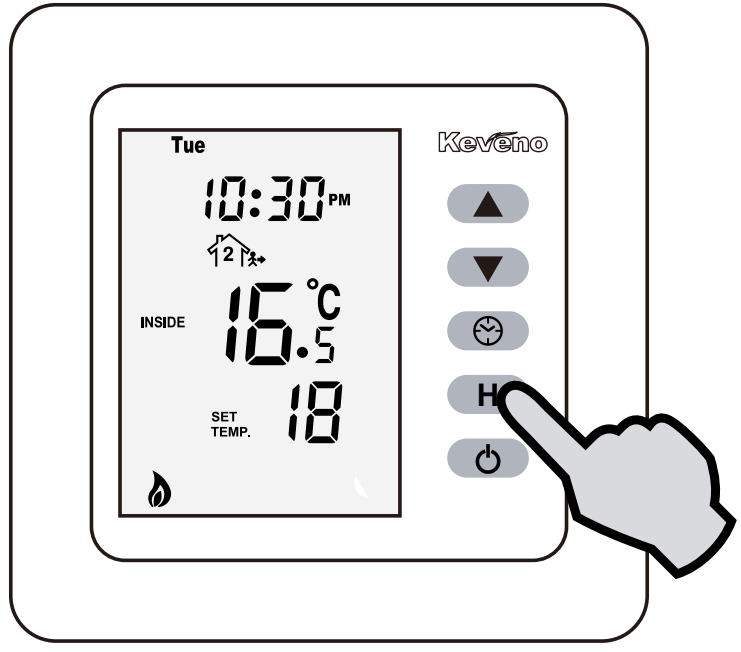
UNIT ON/OFF OPERATION



Press the button ⏻ to turn the thermostat ON and again to turn it OFF.

BASIC FUNCTIONS

TEMPERATURE OVERRIDE

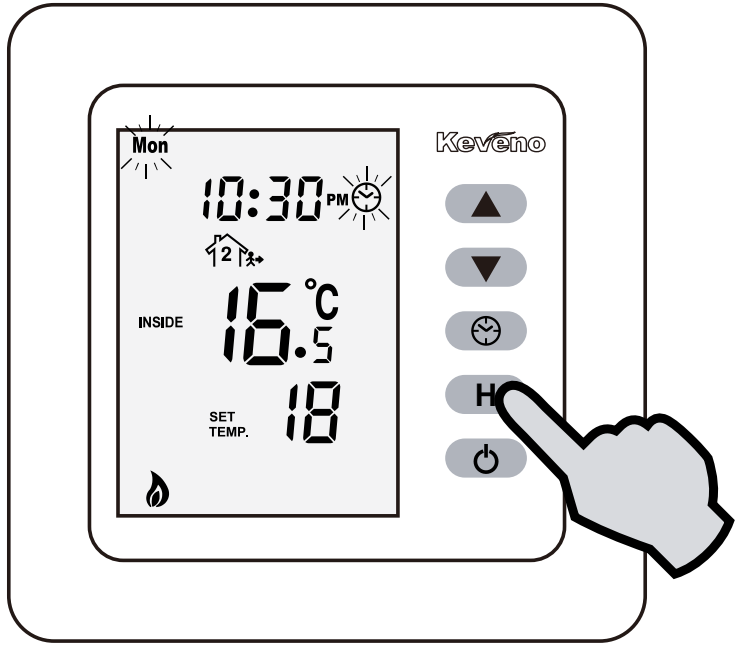


When the thermostat is ON, press button H to enable the function and now HOLD displays on the screen. Now the thermostat will work as per the current setpoint till it's cancelled.

Press button H again to disable it.

BASIC FUNCTIONS

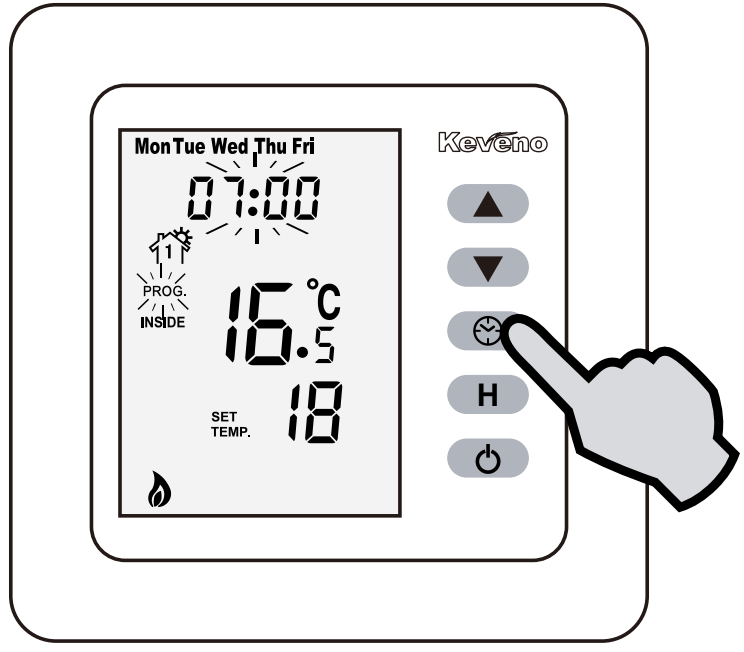
WEEKDAY AND TIME SETTING



When the thermostat is ON, hold button till Mon and flash on the screen alternately, then press ▲ or ▼ button to set the weekday; then press again, now the hour digits in 88:88 flashes, then press ▲ or ▼ to set the Hour to the right value; then press again, and follow the above steps to set the Minute to the right value.

BASIC FUNCTIONS

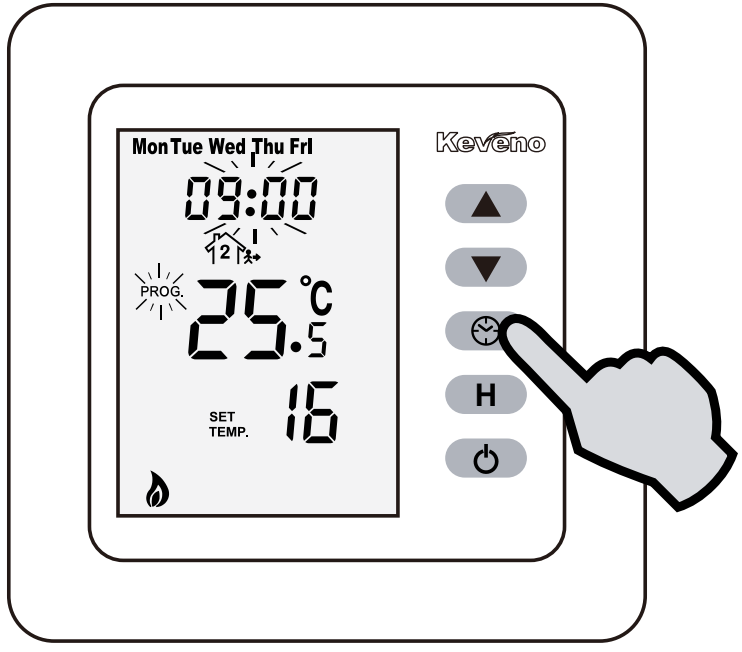
ADVANCED SETTING(5+2-DAY MODE)



Continuously press button , now shows the above screen with PROG. and time flashing, press ▲ or ▼ to set the time for the first period-each press means 30 minutes; then press button again, now the setpoint for the first period flashes, then press ▲ or ▼ button to set its value.

BASIC FUNCTIONS

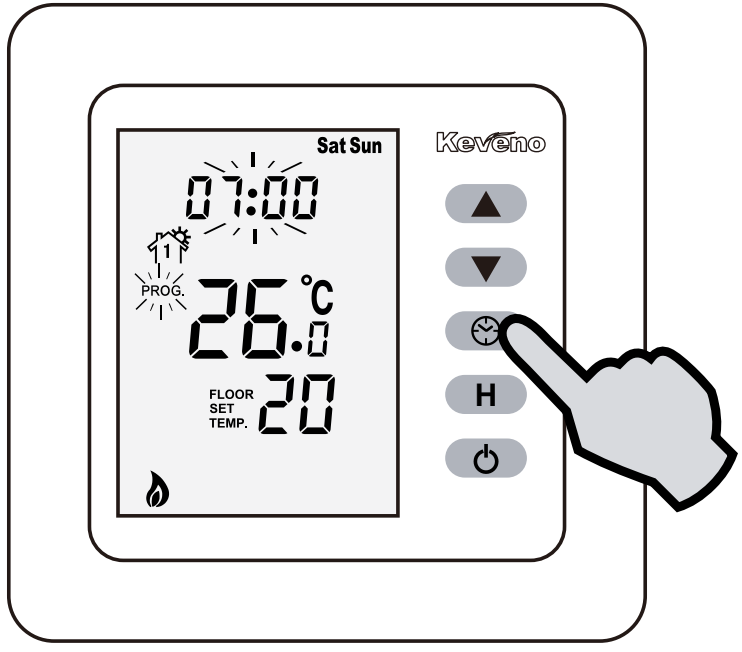
ADVANCED SETTING(5+2-DAY MODE)



Press button again, follow the above steps to set the time and setpoint for the 2nd, 3rd and 4th periods.
Please note that these settings are for weekdays from Monday to Friday.

BASIC FUNCTIONS

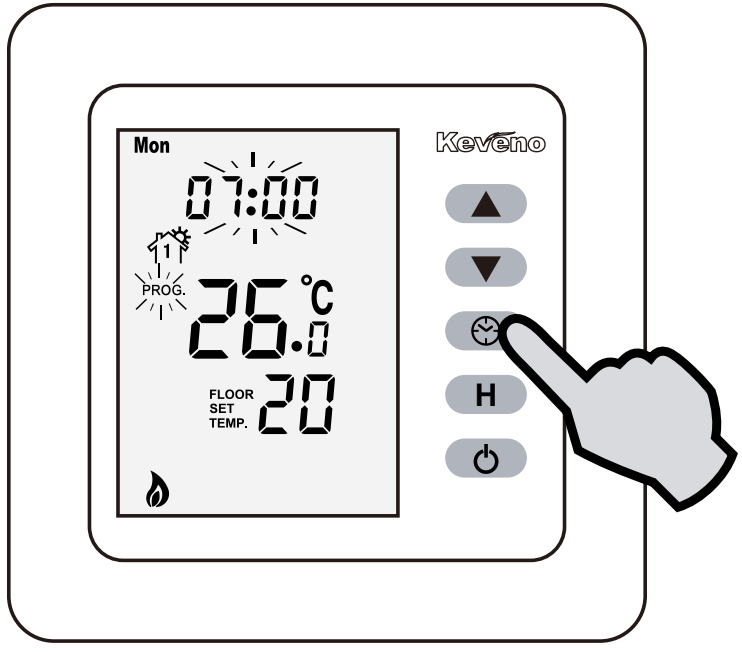
ADVANCED SETTING(5+2-DAY MODE)



Press button again, follow the above steps to set the time and setpoint for the 1st, 2nd, 3rd and 4th periods for Weekend Saturday and Sunday.

BASIC FUNCTIONS

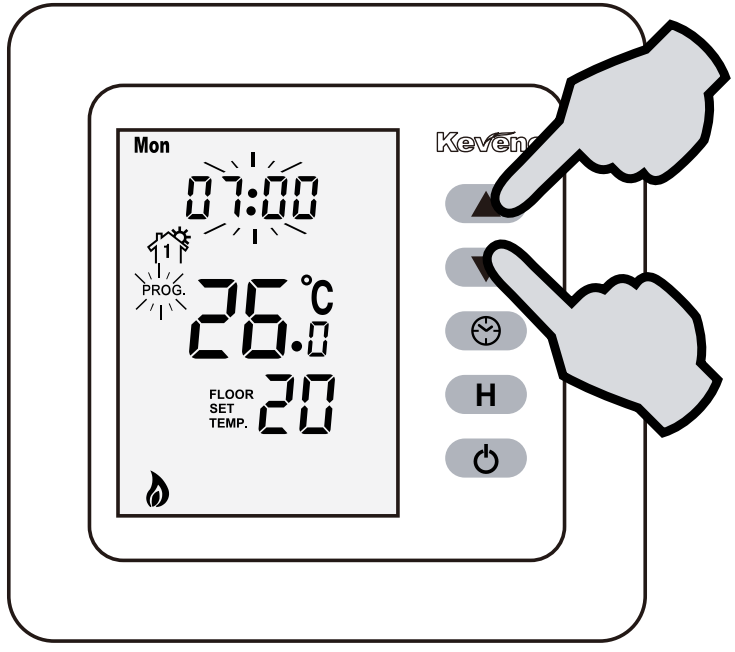
ADVANCED SETTING(7-DAY MODE)



Press button again, now the thermostat has come to the 7-Day setting mode , and if you wish to use 7-day mode, please continue, or please stop.
For 7-day programmable mode, please follow the 5+2-day programming steps.

BASIC FUNCTIONS

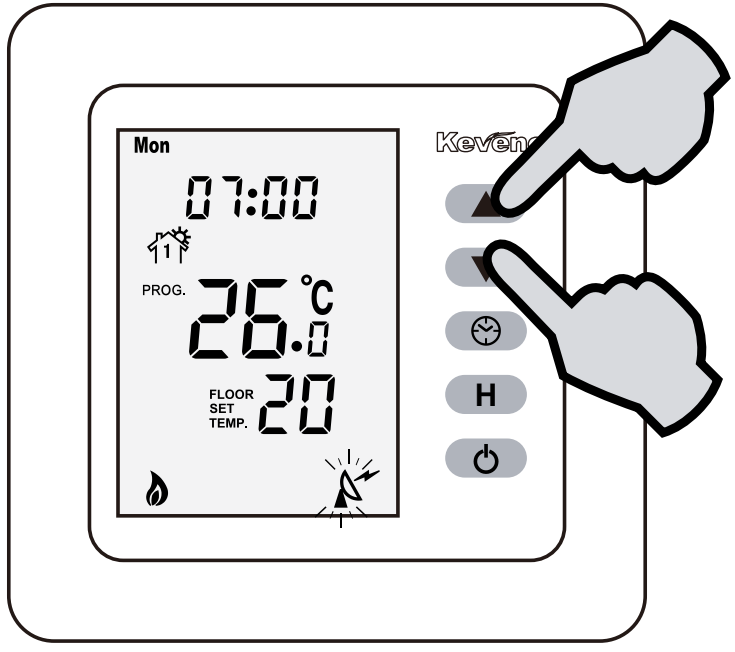
BUTTON LOCK



Simultaneously hold button ▲ and ▼ till lock icon 🔒 shows on the screen; repeat the above steps to disable it.

BASIC FUNCTIONS

MODbus COMMUNICATION ICON



When the RS485 interface is connected and works well, the COM icon will flash.

TROUBLE SHOOTING

When error occurs, the thermostat will display 🛠 and error codes as well.

Items	Problems	Reasons
1	🛠 + 1	Internal sensor
2	🛠 + 2	External Sensor
3	🛠 +3	Floor Sensor
4	🛠 +10	Data Error

TECHNICAL SPECIFICATIONS

Input Voltage	AC/DC24V or AC85-260V
Control Voltage	AC220V 50/60Hz
Power Consumption	<1W
Accuracy	0.5°C
Output Signal	On/Off Control
Setpoint Range	0-95°C
Operating Temp.	0-55°C
Operating Humidity	0-90% (no condensing)
Storage Temp.	0-65°C
Dimension	86*86*14.5 (L*W*D)
Warranty	2 Years

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