

User Manual

P/N: KA102



June, 2012



Your T102 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 T102 room thermostat, due to continuous product improvements, will be changed without any further notice.

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BASIC FUNCTIONS

Thermostat Icons

1 Week and 4 Periods

2 Fixing Icon

3 Time

4 Setpoint

5 Room Temperature

6 Mode: Auto Cool Heat Vent

7 Fan: Low Medium High Auto

8 Button: Up Down Fan Mode On/Off

9 Timer Icon

10 Night Setback Icon

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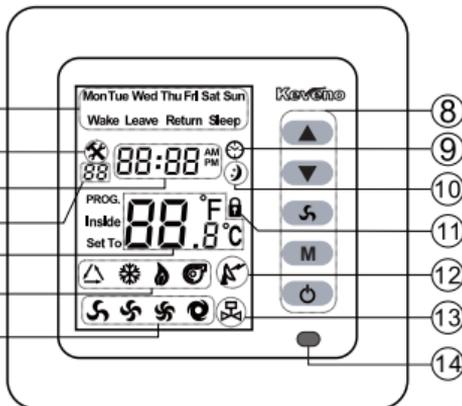
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Button Lock Icon

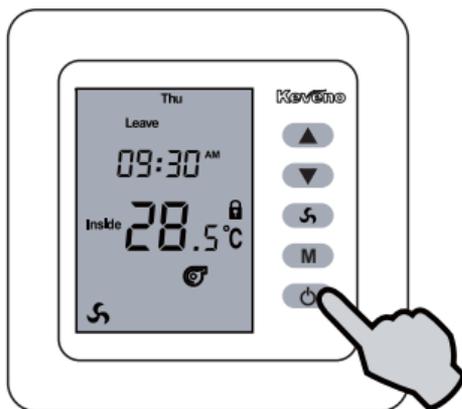
COM Icon

Valve On Icon

Infrared Indicator

BASIC FUNCTIONS

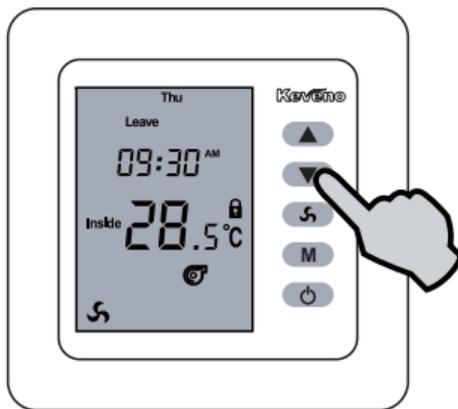
Unit On/Off Operation



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

BASIC FUNCTIONS

Setpoint Setup

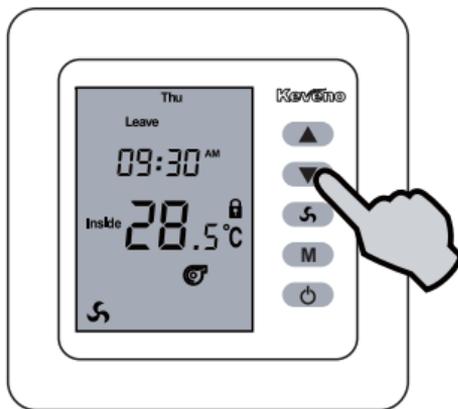


Press button ▲ or ▼ to adjust the setpoint to the desired degree.

Note: When -- displays, the thermostat will stop working.

BASIC FUNCTIONS

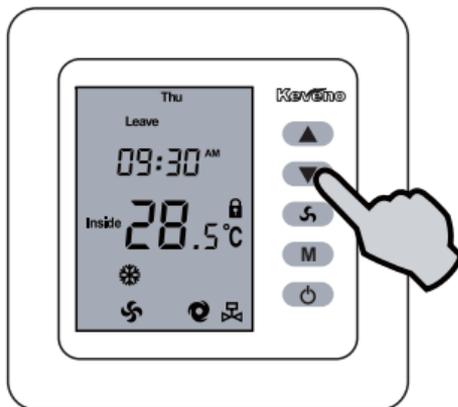
MODE SELECTION



Press button **M** to circle between Auto , Cool , Heat  and Ventilation . Then the setting will be automatically confirmed in 5 seconds or press button **S** to confirm it.

BASIC FUNCTIONS

AUTOMATIC FAN MODE

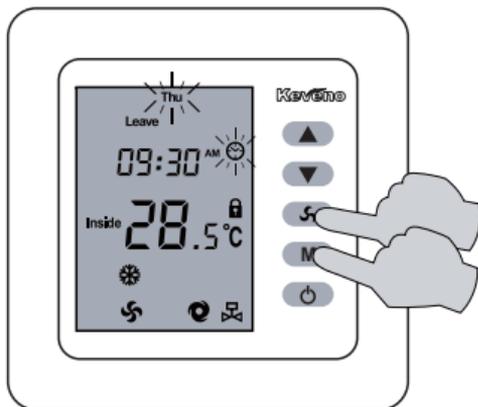


The icon  will be on the screen only when the thermostat is in Heating or Cooling mode with valve icon  on the screen as well.

And the corresponding fan speed icon will be on too.

BASIC FUNCTIONS

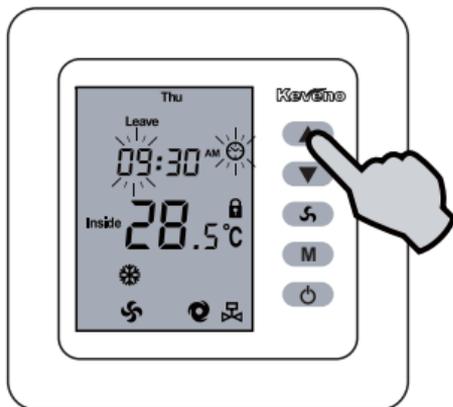
TIME, WEEK & ADVANCED SETUP



Simultaneously press the buttons **S** and **M** up to 5 seconds and the weekday and the clock icons will flash. Then press button **▲** or **▼** to adjust the Week; press **M** to switch to Hour setting, now the two digits for Hour will flash, Then repeat the above method. (see next page)

BASIC FUNCTIONS

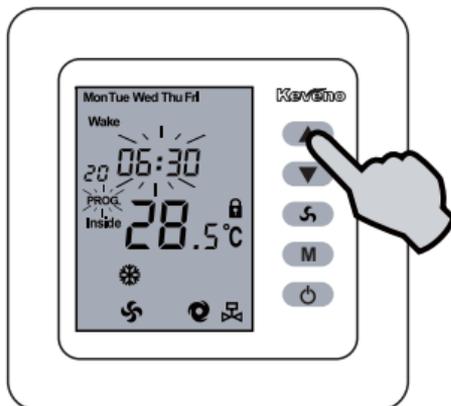
TIME, WEEK & ADVANCED SETUP



Then press button ▲ or ▼ to adjust the Hour; then press M to switch to Minute setting, now the two digits for Minute will flash. Then press button ▲ or ▼ to adjust the Minute. Then press M to switch to the weekday 4-period programming(See next page).

BASIC FUNCTIONS

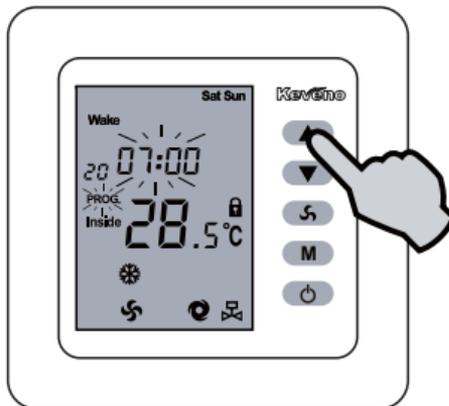
TIME, WEEK & ADVANCED SETUP



Now the PROG. and the period for Wake will flash, then press ▲ or ▼ to adjust it and the time will increase or decrease at 30 minutes per press. Then press M to switch to the setpoint for the Wake period. then PROG. and the 20 will flash. Then press ▲ or ▼ to adjust the setpoint to the desired degree.

BASIC FUNCTIONS

TIME, WEEK & ADVANCED SETUP

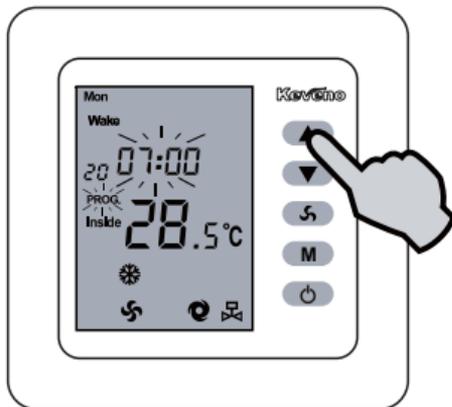


Repeat the above steps till the last period's time and setpoint are set. Then comes to the Weekend's setting, and the corresponding icons will flash(See the fig. above). Continuously repeat the steps till the weekend is set up.

Note: The above steps are for 5+2 mode.

BASIC FUNCTIONS

TIME, WEEK & ADVANCED SETUP

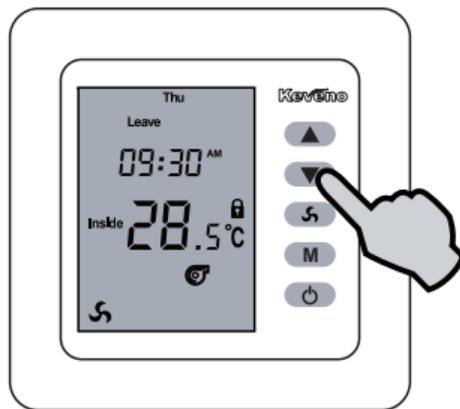


Now the following setup is for the 7-day programmable mode. Then repeat the steps mentioned above to finish the setup.

Note: The installer must know which mode is preferred and should get the time and setpoint table prepared in advance.

BASIC FUNCTIONS

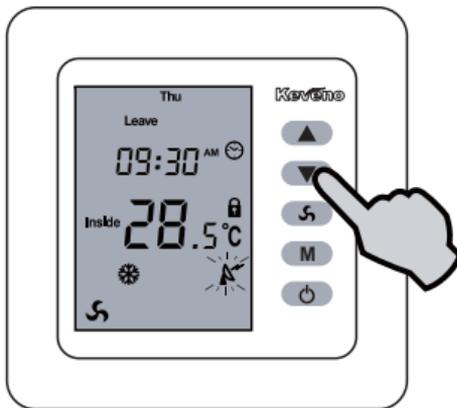
BUTTON LOCK FUNCTION



Simultaneously pressing the ▲ and ▼ buttons up to 10 seconds till the icon 🔒 displays, and it means that the buttons are locked and repeat it again to unlock the buttons.

BASIC FUNCTIONS

MODbus COMMUNICATION ICON



When the Rs485 interface is connected and works well, the COM icon will flash.

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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