

# R6600GA Series Heating Thermostat

## General

R6600GA Series Digital Thermostats makes use of world-advanced microcomputer Control function, used to control room temperature by inner or outer precision Sensors which compare with the set-point, then open/close motorized valve or Start heating equipment so as to automatically keep the room temperature stable, suitable for Water or electric, heating systems. You can set six time periods per day You can choose the control automatic, manual or temporary manual.



## Technical Data

Power Consumption: <math>< 1.5W</math>

Set-point Range: 5-60°C

Accuracy:  $\pm 1^\circ\text{C}$

Timing Error: <math>< 1\%</math>

Load Current: 2A (R6600GA)

Size: 136mm x 90mm x 30mm (L \* W \* H)

Power Supply: 50/60Hz, AC220V, AC24V

## Function and display

 : Manual control

According to the temperature set by you, Press M for changeover.

 : Period programmable control

Weekly programmable Users can set six or four time period and temperature everyday so that thermostat will work according to the setting. Press "M" for changeover.


 : Changeover the thermostat will return to programmed setting at next event

 : for locking, press  and  for 5 sec. At the same time to lock/unlock the panel.


 : On heating. When it is shown, the heater will be activated

During power off, it will go to the antifreeze protection.

**FLOOR** : Display floor temperature only when dual temperature dual controlling. Press and hold  for 3 sec., it restore the display.

 : Period 1, morning get up

 : Period 2, morning out

 : Period 3, noon home

 : Period 4, noon out

 : Period 5, night home

 : Period 6, noon sleeping

## Operation

 : Power, Turn-on/off

 : Mode, Manual and programmable Changeover (Optional)

 Time and programmable. Press  for a short time to adjust the time. : Minutes adjusting → Hours adjusting →




Week adjusting → Return to Original Mode

Press “” for 3 seconds into week programmable mode.

▲: Temperature up/down or setting

▼: Temperature down or setting

### Technical parameter option qualified person only

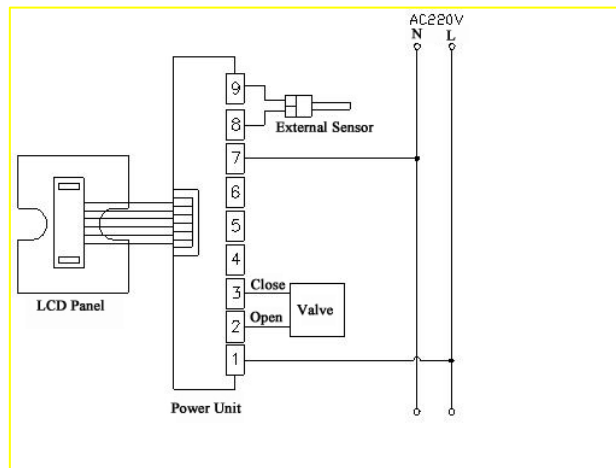
During power off, press “” and “” for 5 sec. into technical setting. It includes temperature correction, sensor option, and low temperature protection, overheating protection, weekend option and locking setting. Then press “” changeover into the relative item. Then, confirm it and turn on automatically.

Code	Option	▲ or ▼
1	Temperature compensation in internal sensor	-9 to +9
2	Sensor types	1: Internal Sensor (to control or limit the temperature) 2: External Sensor (to control or limit the temperature) 3: both Internal/ External Sensor (Internal sensor to control temperature, external to limit temperature) of floor  Remark: Please make sure the right sensor. If choose the wrong or bad one, LCD will display Err, the thermostat will stop working until eliminating the failure.
3	Low temperature protection setting.	5-15°C. When up to Max. 15°C, press ▲. When display“- -”, cancel this function.
4	High temperature protection setting.	50-70°C. When down to Max. 50°C, press ▼. When display“- -”, cancel this function.
5	Locking facility	0: During locking, power on/off unlock. 1: During locking, power on/off lock.
6	Weekend setting	Two-day Weekend: 12345 and 67 (Applicable for this products)

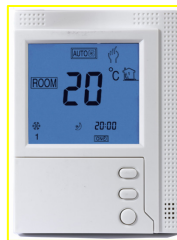
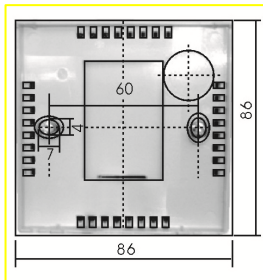
One-day Weekend: 123456 and 7

## Wiring

### R6600GA (Water Heating)



## Installation



Dimension: 136mm x 90mm x 30mm

Size: 61x61x39mm

**Notice:** Please wiring the product according to the Wiring Drawing strictly, and don't drop or let it get wet, or will cause damage to thermostat.

#### IMPORTANT SAFETY INFORMATION

1. Always turn off power at the main power source by removing fuse or switching circuit breaker to the off position before installing or servicing this thermostat
2. Read all information in this manual before installing thermostat
3. Only a fully qualified electrician should install this thermostat ( for further information contact your supplier )