

# HA308N and HA308S1

## PROGRAMMABLE OR MANUAL THERMOSTAT

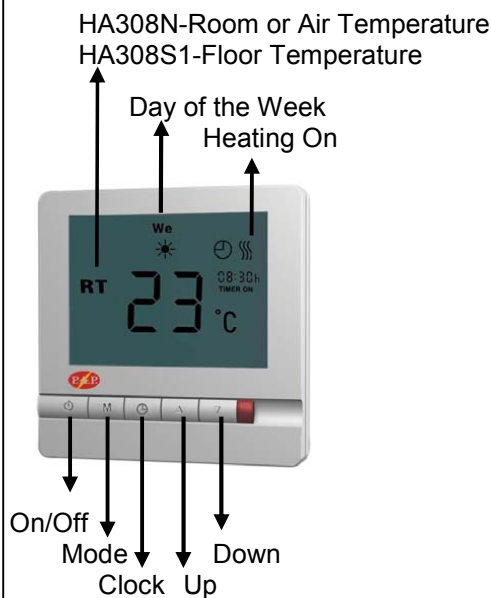
Programmable Settings: Manual / Timing On/Off / 5+2 Day Programmable



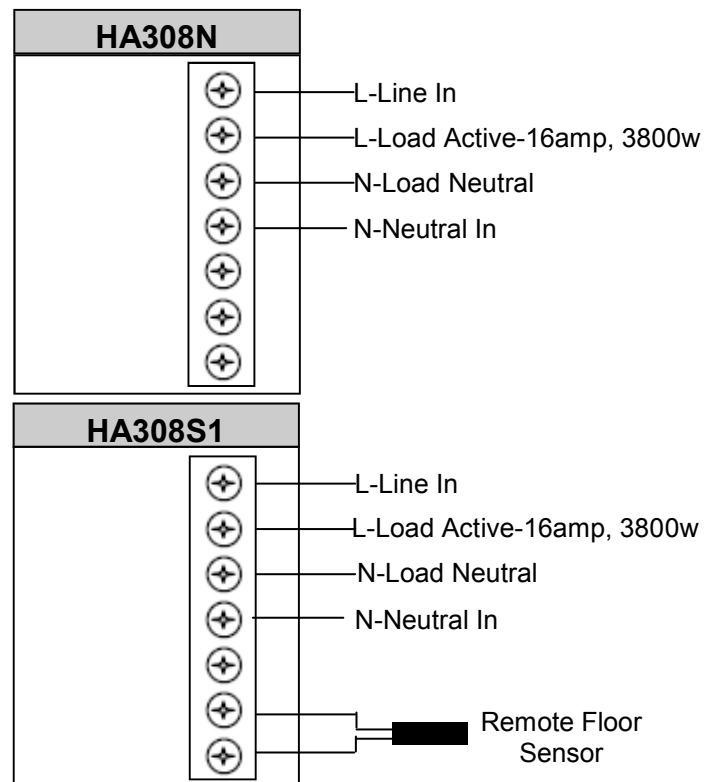
### SPECIFICATIONS

- ☞ Sensing element : NTC
- ☞ Display: LCD
- ☞ Power consumption:<2W
- ☞ Set-point range: Room Temp: 5°C to 35°C (N)  
Floor Temp: 5°C to 90°C (S1)
- ☞ Accuracy: ± 1°C
- ☞ Button: Touch pad
- ☞ Switch current rating:< 16A (resistive load)  
< 6A (inductive load)
- ☞ Power supply: AC85 ~ 260V, 50/60 Hz
- ☞ Dimensions: 86 × 86 × 13 mm (W × H × D)
- ☞ Fixing screw width: 60mm
- ☞ Housing: ABS + PC Flame Retardant
- ☞ Operating rating: 0 ~ 40°C, 5 ~ 95%RH (non-condensing)
- ☞ TUV CE Certification

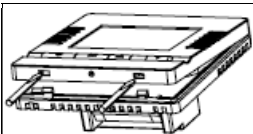
### BUTTON DESCRIPTION



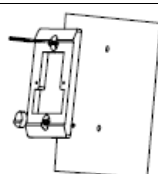
### WIRING DIAGRAMS



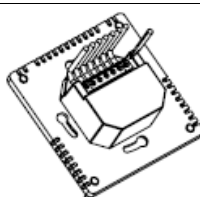
### MOUNTING



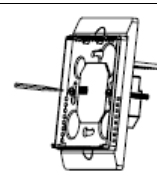
1. Open the main control panel: put a 3.5mm screwdriver into the opening slots, at either side of the base. Prise up, opening the clips.



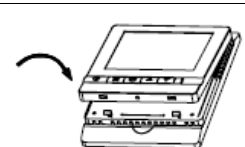
2. Fix the backing plate to the wall mounting bracket



3. Connect wiring to the terminals, as per the wiring diagram - refer drawing above



4. Fit the connected thermostat onto the backing plate, then fix it with the two supplied screws






5. Sit the cover at a 30 degree angle then push down into place, ensuring the two clips at the bottom are secure

# OPERATING INSTRUCTIONS

## 1. POWER ON/OFF

- To turn thermostat on or off press 

## 2. SETTING THE CLOCK

- Press  once, hour will flash.
- Use the ▲/▼ key to select the hour.
- Press  again, minutes will flash.
- Use the ▲/▼ key to select the minutes.
- Press  again, days of the week will flash.
- Use the ▲/▼ key to select the day of the week.
- The Thermostat is now set in Manual Mode (01). Use the ▲/▼ keys to select temperature. **The Factory Temperature Setting is 20°C.**

## 3. HOW TO SET THE THERMOSTAT MODE

- With the thermostat turned on, press **M** button for 5 seconds, then use the ▲/▼ keys to select the desired mode. You can select mode 01 (Manual) or Mode 03 (Programmable) - Note that Mode 02 is not available:

**01 = Manual.**

**02 = This Mode is Not Available. The Display will show **

**03 = Programmable - the display will show **

## 4. MANUAL MODE (01)

- With the thermostat in manual mode, use the ▲/▼ keys to select the desired temperature. **The Factory Temperature Setting is 20°C.**

## 5. SETTING THE HEATING PROGRAM (03)


When the display shows  you are in Programmable Mode.

The Factory Temperature Settings for Days 1 to 7 are:




<b>6.00am to 9.00am</b>	<b>20°C</b>
<b>9.00am to 4.00pm</b>	<b>5°C</b>
<b>4.00pm to 9.00pm</b>	<b>20°C</b>
<b>9.00pm to 6.00am</b>	<b>5°C</b>

You can change the Factory Settings. You are able to set 4 different temperature settings per day for Monday through to Friday and 4 different temperature settings per day for Saturday to Sunday.

To change the Factory Settings:

- Press  for 3 seconds, the number 1 and “Mo Tu We Th Fr” will be displayed.

This indicates that you are able to program the first time period (1) for week-days.

- Use ▲/▼ key to set the required start time—hour
- Press  to accept this setting.
- Use ▲/▼ key to set the required start time—minutes
- Press  to accept this setting.
- Use the ▲/▼ key to set the required temperature.
- Press  to accept this setting.
- Repeat this procedure for time periods 2, 3 and 4.
- After you have programmed time periods 1-4 for weekdays, “Sa Su” will be displayed and you can now set the time periods for the weekend
- Repeat the same process

To disable this function, set to “Manual” mode (01).

### WHAT THE RT SYMBOL MEANS


**RT =** For HA308-S1, in the operational mode, RT indicates the Floor Temperature. For HA308N, RT indicates the room air temperature

**SET =** Pressing the ▲ or ▼ key once will display the temperature setting and the current set-point temperature. You are able to increase/decrease the set-point temperature using the ▲ or ▼ key. This temperature change is only temporary when thermostat is in programmable mode (03), and will be maintained only until the next programmed setting takes effect.

### WHAT THE E1 SYMBOL MEANS

This means that the floor sensing probe is not connected or is faulty

### TEMPERATURE CALIBRATION

- With thermostat turned off, Press ▲ and ▼ for 3 seconds., then use the ▲/▼ keys to adjust the temperature to the correct value if necessary.
- Press “” to turn off. The calibration setting will be stored.