

# TS8100-TH-H THERMOSTAT INSTRUCTIONS

## LCD SYMBOLS

Symbols	Description	Symbols	Description
	Turning on/off the thermostat	Day	Day of the week. Day 1= Monday, Day 2= Tuesday... etc.
	The buttons are locked	Program 1,2,3,4	The program number
	Heating is turned on		Reminding the user to connect the floor sensor (AF and F model only)
	Frost protection activated		Comfort temperature mode
RT	Room temperature		Economy temperature mode
FT	Floor temperature		Vacation temperature mode
AUTO	Automatic mode, executes the programmed schedules		Touch to view floor temperature for 5 seconds (AF model only)
<b>O / RIDE</b>	Temporary temperature override		Touch to start programming of your thermostat
Err	The sensor is not being read by the thermostat		Touch to switch among Auto

## CONFIGURATION MENU

**To enter into the setting menu please follow the steps below:**

**Step 1,** Turn the thermostat off by pressing **POWER**;

**Step 2,** Press **MENU**, you will then see menu 01.

**Step 3,** Use the up and down arrows to adjust the "sensor selection" which is Menu 01(Air sensing, Air and Floor, or Floor only)

**Step 4,** Press **NEXT** to move to the next Menu and once you have all the menu options set,

**Setp 5,** Press **DONE** to accept and store.

Menu #	Feature	Explanation	Adjustment (press up & down buttons to adjust)
01	Mode/Sensor selection	This thermostat is a combination model which allows you to choose 3 different modes. A mode=Air Sensing Only(Has built in sensor) AF mode=Air & Floor sensing(Floor probe must be installed) F mode=Floor Sensing(Floor probe must be installed)	A, AF, F
02	Maximum Floor Temp ( AF mode only)	This is to protect the floor surface. For Wooden floors - When the manufacturer has set a temperature limit.	20 °C~ 40 °C (40 °C by default)
03	5+2 / 7 Day Mode	This allows you to program either 5 days at once, then the 2 days of the weekend separately, or a full 7 days at the same time or 7 days separately	01 = 5+2 day programmable 02 = 7 day programmable

## SETTING THE CLOCK AND DAY OF THE WEEK

This thermostat is fitted with a real time clock. It is essential that the clock time and day are set accurately if you require your programmed events to start on time. Follow below steps,

- 1) Touch time display. Use or to change the time. Press and hold or to change the time faster. Touch **Done** to store and exit( or touch time display to cancel and exit).
- 2) Touch day display . Use or to change the day. Touch **Done** to store and exit.(or touch Day display to cancel and exit).

## SELECT THE REQUIRED OPERATING MODE

Auto - Automatic mode, the thermostat executes the preprogrammed schedules. To adjust these schedules, see page 2 the program section.

In addition to Automatic mode, this thermostat has 3 extra manual modes, i.e , each of these manual modes maintains a constant set temperature set by the user.

- Comfort temperature mode, the highest temperature you want to achieve, this is the temperature that will be required when the room is in use. Default is 22 °C.

- Economy temperature mode, the lowest temperature, the temperature you want to go no lower than when the room is not in use. Default is 16 °C.

- Vacation temperature mode, this is set to stop your floor from going below the set temperature. Default is 10 °C.

To change the set temperatures, touch temperature display. Use or to adjust to the required temperature. Touch **Done** to store and exit.














## SETTING THE PROGRAM SCHEDULES

This thermostat can be individual 7-day programmable. For each day of the week you are able to have 4 timed set temperature schedules.










Program	Start Time	Setpoint	Explanation
1	WAKE 07:00	22 °C	Set to the time you would like to wake to and the temperature you want during the morning, until you left for the day.
2	LEAVE 09:30	16 °C	Set to the time you leave home and the temperature you wish your home to maintain while you are away at work perhaps.
3	RETURN 16:30	22 °C	Set to the time you return home at end of the day and the temperature you want during evening until bed time.
4	SLEEP 22:30	16 °C	Set to the time you sleep and the temperature you want overnight (usually a comfortable and energy saving temperature).

Above are default program schedules, to make changes, follow easy steps as below.

### In 7 day program mode


- Press , you will see day display flashing.
- Use  or  adjust the day to the day you wish to start programming or to the day you wish to edit an existing event or program.  
 (Press  to select all days of the week, to cancel selecting all days of the week, press  again.)
- Press , the LCD will show program 1 with the time display flashing.
- Use  or  adjust the time you wish the program 1 event to commence for the currently selected day or days.
- Press , the LCD will show a temperature value flashing.
- Use  or  set the desired heating temperature to be maintained for the program 1 event.
- Press , now the LCD will show program 2 with the time display flashing, signifying the second daily event is now being programmed.
- Repeat step 4,5,6 to set remaining programs. Press  to store and exit.  
 Note: It is faster to program the same schedule for the entire week and then to adjust the exceptional days.

### In 5+2 day program mode


- Press , you will see the time flashing.
- Use  or  to set your weekday Wake time(Mon-Fri), then press .
- Use  or  to set the temperature for this time period, then press .
- Set time and temperature for the next time period(Leave). Repeat steps 2 and 3 for each time period of the weekday.
- Press  to move to the weekend(sat-sun) time periods settings.
- Press  to save and exit.

### NOTE:

Day 1 - 5, refers to the weekday( Monday to Friday)  
 Day 6 - 7, refers to the weekend( Saturday and Sunday)

During setting programs, press  (if visible) will clear a program entry and thermostat will maintain the temperature setpoint of the last executed program until the beginning of the next program.


## LOCK THE KEYPAD


To lock the keypad, press and hold the top left corner of display for 5 seconds, you will see a lock symbol . To unlock, repeat the steps above and the lock symbol will disappear.

## RESET TO FACTORY SETTING

With thermostat turned off, press and hold OFF for 5 seconds until you can see --:-- on LCD.

## TEMPORARY TEMPERATURE OVERDRIVE

Touch the temperature display, and it will start to flash. Use up or down buttons to adjust. Press  to accept, and you will see "Override" above the temperature display. Thermostat will maintain the new set temperature until the next programmed event(comfort level).

To cancel the override setting, press .

## INSTALLATION AND WIRING

Carefully separate the front half of the thermostat from the back plate by placing a small flat head terminal driver into the slots on the bottom face of the thermostat. Carefully unplug the ribbon connector which is plugged into the front half of the thermostat. Place the thermostat front half somewhere safe. Terminate the thermostat as shown in the diagrams below.

Screw the thermostat back plate on to the flush box.  
 Re-connect the thermostat ribbon cable and clip the two halves together.



This product should be installed by a qualified electrician.

