

**PROGRAMMABLE**

**DIGITAL THERMOSTAT**



**TST-EEPC06111SCS00 / TST-EEPD06111SCS01**

**TST-EEPC06121SCS00 / TST-EEPD06121SCS01**

-7 Day Programmable

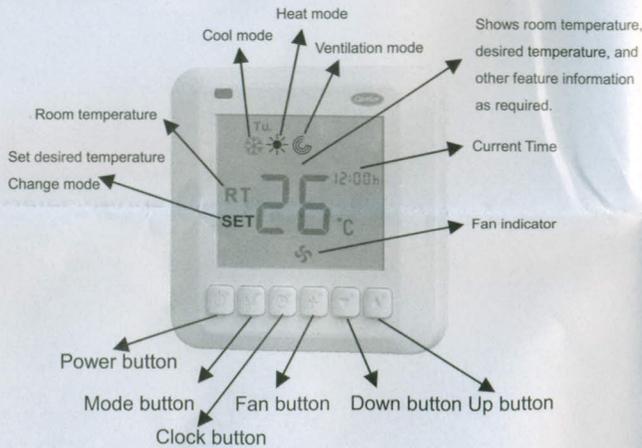
-Cool, Heat and Ventilation

-Large, Easy To Read Display

-Blue Backlight

-Fahrenheit or Centigrade

-Auto Recovery



**Specification**

Set-Point Range: 5°C-35°C (41°F-95°F)

Operating difference: ± 1°C

Switch current rating: < 2A

Sensing element: NTC

**Error Codes**

TST-EEPC06111SCS00 / TST-EEPD06121SCS00:

**E1** — If the thermostat cannot properly read room temperature, and it needs to be adjusted, E1 will be displayed.

TST-EEPD06111SCS01 / TST-EEPD06121SCS01:

**E2** — If the thermostat cannot properly read outdoor temperature, and it needs to be adjusted, E2 will be displayed.

**Set Thermostat Configuration**

Configuration options are intended to be selected at installation and normally should not be modified by the home owner. These options are not discussed in the Homeowner's Guide and therefore must be made as part of the installation. A special procedure allows entry in to the configuration mode. The thermostat will automatically exit this if no button is pressed for 90seconds.

An explanation for each of these and how to enter the configuration mode follows.

To enter the configuration mode:

To enter the configuration mode, hold the fan button down for approximately 15 seconds. After 15 the second period, Option "01" will appear in the display.

**OPTION 01 –LOW TEMPERATURE PROTECTION (FROST PROTECTION)**

In the low temperature protection mode. When the thermostat is off, and the room temperature is lower than 5°C, it will be turned on automatically and in heating mode; When the room temperature is higher than 7°C, it will be turned off automatically.

**TO ADJUST:**

Enter configuration mode (if not already there).

Use "▲" and "▼" buttons to display Option 01. The SET icon should be off.

Press "M" button once. The SET icon will be come on. The display now shows Option 01 setting.

Use "▲" and "▼" buttons to move between the available Option 01 choices of 00(disable) or 01(enable). Factory default is 00.

Press "M" button again to return to Option 01. The SET icon will now be off.

Use "▲" and "▼" buttons to select another Option, or press "⏻" button to exit configuration mode.

**OPTION 02 –FAHRENHEIT/CELSIUS SELECTION**

This option selects Fahrenheit or Celsius operation.

**TO ADJUST:**

Enter configuration mode (if not already there).

Use "▲" and "▼" buttons to display Option 02. The SET icon should be off.

Press "M" button once. The SET icon will be come on. The display now

Use "▲" and "▼" buttons to select another Option, or press "⏻" button to exit configuration mode.

**OPTION 05 –PROGRAMMABLE/NON-PROGRAMMABLE SELECTION**

This option selects programmable or non-programmable operation.

**TO ADJUST:**

Enter configuration mode (if not already there).

Use "▲" and "▼" buttons to display Option 05. The SET icon should be off.

Press "M" button once. The SET icon will be come on. The display now shows Option 05 setting.

Use "▲" and "▼" buttons to move between the available Option 05 choices of N (non-programmable) or P (programmable). Factory default is P.

Press "M" button again to return to Option 05. The SET icon will now be off.

Use "▲" and "▼" buttons to select another Option, or press "⏻" button to exit configuration mode.

**Programming Thermostat Schedules**

Before programming the thermostat, plan the thermostat daily schedule. The schedule is divided into 7 days (Monday through Sunday). Each day has 4 time periods (1,2, 3, 4). Each time period has a start time, heating set point, and cooling set point. Fill in Table 1 as an aid to programming the daily schedules.

**NOTE:** TST-EEPC06111SCS00 / TST-EEPC06121SCS00 has single temperature set point.

To program the daily schedules, perform the following procedure:

1. Enter programming mode by hold the clock button down for 5 seconds. "Wen" and "--:--" will be displayed. Use "▲" and "▼" buttons to select the day of the schedule. Press The clock button TIME annunciator will flash.

**NOTE:** If a programming button is not pushed for 90 seconds, the thermostat will exit programming mode.

2. Press the "▲" and "▼" buttons to set the start time for the schedule day and period shown.

3. Press the clock button once, The heating set point and the heat annunciator will be displayed. Press the "▲" and "▼" buttons to set heating set point.

4. Press the clock button once, The cooling set point and the cool annunciator will be displayed. Press the "▲" and "▼" buttons to set cooling set point.

5. Press the clock button to advance to the next time period.

6. Perform Steps 2 through 5 until the times and temperature set points have been entered for the entire day. Press the clock button and display "copy", use "▲" and "▼" buttons to select the day for copy, press the clock button to confirm.

7. Repeat Steps 2 through 6 to program the remaining schedule days.

Table 1 Daily Schedule Planner

DAY OF	SCHEDULE			
	1	2	3	4

Power supply:

TST-EEPC06111SCS00: AC85V~220V 50Hz/60Hz

TST-EEPD06111SCS01: AC85V~220V 50Hz/60Hz

TST-EEPC06121SCS00: AC24V ±10% 50Hz/60Hz

TST-EFPD06121SCS01: AC24V ±10% 50Hz/60Hz

Dimensions: 86 × 86 × 29.5 mm(W×H×D)

Housing: ABS Flame Retardant

## Basic Operation

### Power ON/OFF

☞ To turn the thermostat on, press "⏻". Mode symbol (☀️, ❄️ or 🌀), "RT", and room temperature will be displayed.

☞ To turn the thermostat off, press "⏻" again. There is no any display on LCD and no any output.

### Select Mode:

☞ Cool Setting: Press "M", until the "❄️" is displayed, it will be confirmed automatically after 6 seconds.

☞ Heat Setting: Press "M", until the "☀️" is displayed, it will be confirmed automatically after 6 seconds.

☞ Ventilation Setting: Press "M", until the "🌀" is displayed, it will be confirmed automatically after 6 seconds.

### Fan Setting:

☞ Fan speed select: press the fan button to select "🌀 (Hi), 🌀 (Med), 🌀 (Low), 🌀 (Auto)". In mode "🌀 (Auto)", the fan-speed changed automatically. Auto LOW-speed When the difference between room-temperature and setting-temperature exceed 1°C(2°F), Auto MED-speed When exceed 2°C(4°F), Auto HI-speed When exceed 3°C(6°F).

### Select Current Stage Temperature

TST-EEPC06111SCS00 / TST-EEPC06121SCS00:

☞ Press "▲" or "▼" until the desired temperature set point is displayed.

TST-EEPD06111SCS01 / TST-EEPD06121SCS01:

☞ Press "▲" or "▼" until the desired heating or cooling temperature set point is displayed.

☞ Press the MODE button to select the second temperature setting (either HEAT or COOL)

### Set Current Time

Press the clock button. The hour of the time will flashing. Press the "▲" and "▼" buttons until the correct time is shown. Press the clock button once, the minute of the time will flashing. Press the "▲" and "▼" buttons until the correct time is shown. Press the clock button once, the day will flashing. Press the "▲" and "▼" buttons to the day.

choices of F (Fahrenheit) or C (Celsius). Factory default is C.

Press "M" button again to return to Option 02. The SET icon will now be off.

Use "▲" and "▼" buttons to select another Option, or press "⏻" button to exit configuration mode.

### OPTION 3—ROOM TEMPERATURE OFFSET

This option allows calibration (or deliberate miscalibration) of room temperature sensor. There are various reasons why the home owners want to adjust the displayed temperature. The selected number is the number of degrees, plus or minus, which will be added to the actual temperature. The number can range between -5 and +5. Factory default is 0. This adjusted value will be used as actual temperature for both display and control action. For example, if 2 is selected, 72F actual will read 74F. If setpoint is 72, the room will control to an actual value of 70 which will be displayed and acted upon as if it were 72. The effect is that a positive number selection will make the room temperature lower and vice versa. This thermostat is factory calibrated within an accuracy of plus or minus 1F, so this adjustment will provide the best accuracy when set to 0.

TO ADJUST:

Enter configuration mode (if not already there).

Use "▲" and "▼" buttons to display Option 03. The SET icon should be off.

Press "M" button once. The SET icon will be come on. The display now shows Option 03 setting.

Use "▲" and "▼" buttons to move between the available Option 01 choices of -5 through +5 in 1 step. Factory default is 0.

Press "M" button again to return to Option 03. The SET icon will now be off.

Use "▲" and "▼" buttons to select another Option, or press "⏻" button to exit configuration mode.

### OPTION 04—AUTO RECOVERY

Auto recovery feature means the thermostat will retain the previous status when power is back. This option can be used to choose whether auto recovery feature is enabled.

TO ADJUST:

Enter configuration mode (if required).

Use "▲" and "▼" buttons to display Option 04. The SET icon should be off.

Press "M" button once. The SET icon will come on. The display now shows Option 04 setting.

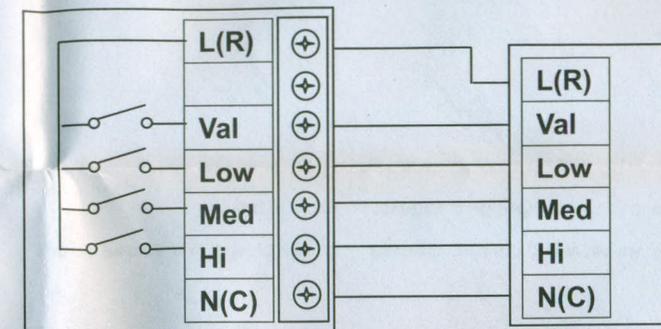
Use "▲" and "▼" buttons to move between the available Option 04 choices of 00(disable) or 01(enable). Factory default is 01.

Press "M" button again to return to Option 04. The SET icon will now be off.

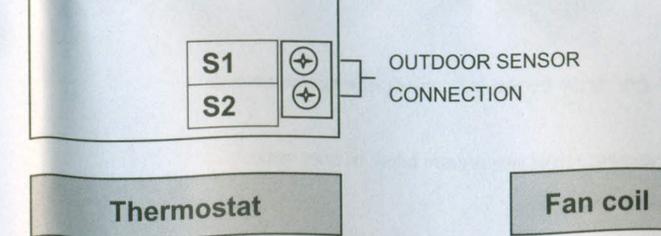
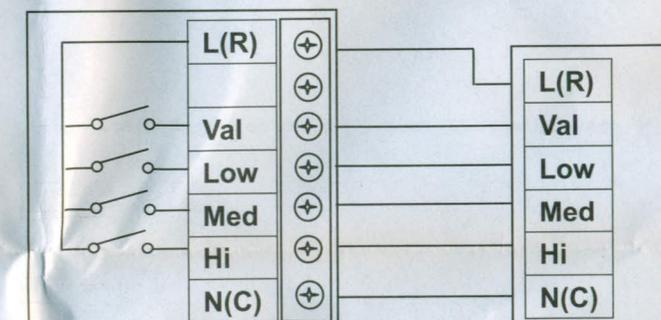
Wednesday	/	/	/	/	/	/	/	/	/	/
Thursday	/	/	/	/	/	/	/	/	/	/
Friday	/	/	/	/	/	/	/	/	/	/
Saturday	/	/	/	/	/	/	/	/	/	/
Sunday	/	/	/	/	/	/	/	/	/	/

## Wire Diagram

TST-EEPC06111SCS00/ TST-EEPC06121SCS00:



TST-EEPD06111SCS01/ TST-EEPD06121SCS01:



Thermostat

Fan coil

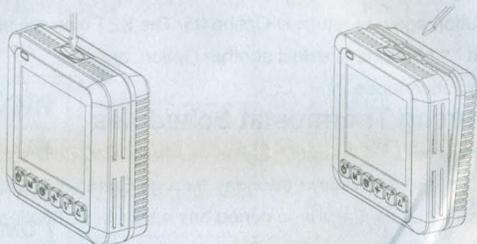
## Installation:

### Thermostat Location

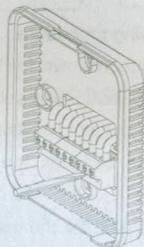
Thermostat should be mounted:

- Approximately 5 ft (1.5m) from floor.
- Close to or in a frequently used room, preferably on an inside partitioning wall.
- On a section of wall without pipes or duct work.

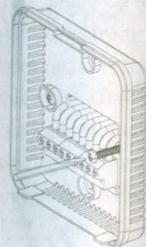
1. Cut off the power, the mark of wire should be clear.



2. Take the main control panel apart.

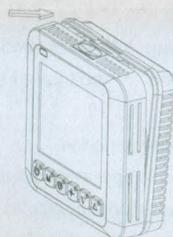


3. Push up by force, open the clip.



4. As per wiring drawing, connect with terminals, fix it by crewdriver.

5. Fix by the two screws in the packing box.



6. Push the downside by force, lock the up panel, and finish the installation.