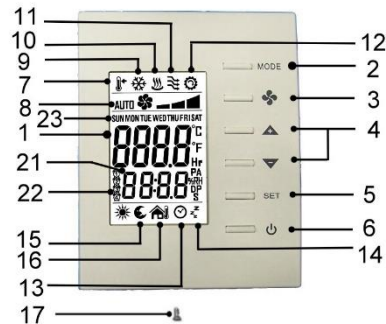
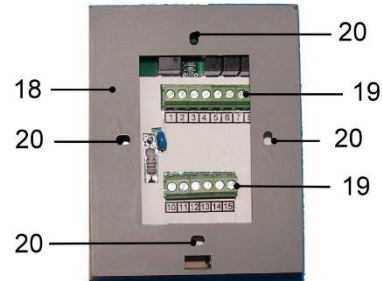


Front view



Back view



#	Item	Description
1	LCD	Display temperature and working status.
2	MODE button	Access to user and engineer menu and for setting confirmation or change °C/°F unit if pressed for over 3 sec.
3	FAN button	Toggle to change Fan mode: Auto or Continuous
4	UP & DOWN buttons	Increase & decrease setting or previous/next item
5	SET button	Setting for clock and programmable Schedules
6	On/Off button	Turn on/off the thermostat
7	Set-point icons	Display set-point temperature while it is flashing
8	Fan icons	Indicate Fan status
9	Flake icon	Indicate working in Cooling mode
10	Hot spring icon	Indicate working in the Heating mode
11	Flow icon	Indicate working in the ventilating mode
12	Working icon	Indicate cooling/heating valve open
13	Clock	Not used
14	Sleep	Sleep mode is enabled while it is shown
15	Moon Sign	Indicate room unoccupied
16	Outdoor icon	Indicate door/ window open
17	Cover screw	Screw to tighten back cover with front cover
18	Backplate	Plate for mounting on the electric box
19	Wiring terminal blocks	Terminals for wiring
20	Mounting holes	Holes for mounting on the electric box
21	small 8888	Display time
22	Schedule number	Programmable Schedule running or setting
23	Day	Current day of Sunday ~ Saturday or setting

Overview and General Settings

The TE200 Series microprocessor-based digital thermostat is designed to control ON/OFF or modulating valves for heating or cooling applications. They are fully configurable, standalone 7-Day programmable digital thermostats with an optional energy-saving input interface.

On/Off

When the thermostat is powered, the Display will be turned on.

OFF: Thermostat is NOT controlling. But the display will be on with the Date, Time, and Current room temperature.

ON : Thermostat is controlling. Other icons are also displayed along with the Date and Time.

Note:

- Use ▲ & ▼ buttons anytime to toggle in the menu.
- Wait for 10 seconds if you want to exit/go to the Normal display.

Clock Setting



To set the current time and date:

1. Press **SET** to enter Clock Settings.
2. Select either 12-H or 24-H clock and press **SET**.
3. Select Hour and press **SET**.
4. Select Minute and press **SET**.
5. Select Weekday and press **SET**.
6. Select Year and press **SET**.
7. Select Month and press **SET**.
8. Select Date and press **SET** to save and exit from the Clock settings.

Temperature Unit




Press and hold **MODE** for 3 seconds to toggle the temperature between °F and °C.

Fan Setting (If available)





1. Press  to enter the Fan Mode selector.
2. Use ▲ & ▼ buttons to toggle between **Auto** & **Continuous** Mode.
3. Press  to save & exit.

Working Mode Selector

TE200 Series has 3 different working modes:

- Manual** : Mode name STOP – No Clock icon  on the screen (icon 22)
Schedule On : Mode name RUN – Solid Clock icon  on the screen (icon 22)
Schedule Pause : Mode name HALT – Flashing Clock icon  on the screen (icon 22)


Note:

Icon 22 can be any of these , , ,  symbols corresponding to the running schedule.

See detailed description below.

Manual Mode


To select Manual Mode / Stop Mode:

1. Press **MODE** to enter the Working Mode selector.
2. Use ▲ & ▼ buttons to toggle in the menu.
3. Select **STOP** mode from the menu.
4. Press **MODE** again to save & exit.
5.  (Icon 22) will not be shown in the display.

Use ▲ & ▼ to set temperature in manual mode.

Schedule On Mode

To select Schedule On Mode / Run Mode:



1. Press **MODE** to enter the Working Mode selector.
2. Use ▲ & ▼ buttons to toggle in the menu.
3. Select **RUN** mode from the menu.
4. Press **MODE** again to save & exit.
5.  (Icon 22) will be shown in the display.






Schedule Setting

Important Note:

Need to Schedule **EACH DAY** of the week **SEPARATELY**.


Terminology:

Set Points: Desired Temperature Range i.e., The room temperature will be higher than Heating Set Point and lower than Cooling Set Point. You **MUST** set up both **Heating**  and **Cooling**  Set Points.

1. Press **SET** for **3 seconds** to enter Schedule Settings
2. Select the Day to schedule
 - a. Use **▲** & **▼** buttons to toggle in the menu
 - b. Press **MODE** to stop flashing the day
3. Use **▲**&**▼** buttons to toggle in the menu to choose a schedule to change and press **SET** to select.
 - a. Note: Start from **Schedule 1** for the initial Scheduling
4. Select the Hour to start that Schedule and press **SET**.
5. Select the Minute to start that Schedule and press **SET**.
6. Select the Set points  for the Schedule.
 - a. Press **MODE** to toggle for **Heating**  and **Cooling**  Set Points
 - b. Make sure **Heating**  Set Point is lower than **Cooling**  Set Point to have proper control.
7. Press **SET** to go to the next Schedule.
8. Repeat Steps **4 – 7** to change other schedules.
9. After selecting Set Points for Schedule 4, press **SET** to Save and Exit the schedule setting.





Schedule Pause Mode





To Pause the current Schedule and use Manual Mode (Halt Mode):

1. Press **MODE** to enter the Working Mode selector.
2. Use **▲** & **▼** buttons to toggle in the menu.
3. Select **HALT** mode from the menu.
4. Press **MODE** again to save & exit.
5.  (Icon 22) will be flashing.

Use **▲** & **▼** to set temperature in Schedule Pause mode.

Default Set Point for Programmable Schedules

COOL	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Sch. 1 	6:00 26.0°C	6:00 26.0°C	6:00 26.0°C	6:00 26.0°C	6:00 26.0°C	6:00 26.0°C	6:00 26.0°C
Sch. 2 	8:00 29.5°C	8:00 29.5°C	8:00 29.5°C	8:00 29.5°C	8:00 29.5°C	8:00 29.5°C	8:00 29.5°C
Sch. 3 	18:00 26.0°C	18:00 26.0°C	18:00 26.0°C	18:00 26.0°C	18:00 26.0°C	18:00 26.0°C	18:00 26.0°C
Sch. 4 	22:00 26.0°C	22:00 26.0°C	22:00 26.0°C	22:00 26.0°C	22:00 26.0°C	22:00 26.0°C	22:00 26.0°C

HEAT	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Sch. 1 	6:00 21.0°C	6:00 21.0°C	6:00 21.0°C	6:00 21.0°C	6:00 21.0°C	6:00 21.0°C	6:00 21.0°C
Sch. 2 	8:00 16.0°C	8:00 16.0°C	8:00 16.0°C	8:00 16.0°C	8:00 16.0°C	8:00 16.0°C	8:00 16.0°C
Sch. 3 	18:00 21.0°C	18:00 21.0°C	18:00 21.0°C	18:00 21.0°C	18:00 21.0°C	18:00 21.0°C	18:00 21.0°C
Sch. 4 	22:00 16.0°C	22:00 16.0°C	22:00 16.0°C	22:00 16.0°C	22:00 16.0°C	22:00 16.0°C	22:00 16.0°C

- **Unoccupied Set Points:** activated by occupancy contact; Cooling: 28.0°C/ Heating: 15.0°C for factory defaults. And these two can be re-set by ESIC(E2) and ESIH(E3) parameters in the Engineer Mode table.
- When **schedules are activated**, refer to cooling/heating set points according to the current schedule.
- To **pause or stop schedules**, refer to the manual set point or latest set point as the cooling set point and the dead band for heating set point deviation.
- Programmable Cooling Set Point range: 10.0°C~37.0°C; Programmable Heating Set Point range: 4.5°C~32.0°C; make sure to set heating lower than cooling set point to have proper controls.