

Plug thermostat HT-600

This programmable Plug-in thermostat is designed to be used for electric heaters and similar appliances.



Button	Function
	Power on/off
	Temp up, or setting
	Temp down, or setting
	Mode Select --Short press
	Time, Day and Program Setting
	Parameter setting
	Long press to stop Buzzer Sound Alarm

Keys Features

- ✓ Plug in design make it easy to install.
- ✓ Five buttons make it easy to operate.
- ✓ 161 switching programmes per week (23 programmes per day)
- ✓ Comfort, Energy-saving Mode Selectable.
- ✓ The display shows the set temperature or the measured temperature (measured temperature when active).
- ✓ Temperature display in degrees Celsius.
- ✓ Temperature calibration.
- ✓ Alarm setting by buzzer.
- ✓ Internal or external sensor mode.
- ✓ Low and High temperature level settings.
- ✓ Enable or disable of the programming mode.
- ✓ Build in EEPROM

Technical Data

Output Voltage:	230V
Switching Capacity:	3600W/15A
Backup storage:	EEPROM
Sensor Mode:	Internal sensor
Time, Data and Power Failure:	Settings are memorized for 6 months
Temperature settings:	0°C ~ 60°C, 0.5°C increments.
Accuracy:	+/- 0.5°C (+/- 1°F).
Thermostat dimension:	140mm x 70mm x 39mm, display 37x16mm.
Color:	White
IP protection rating:	20.
Certification:	CE and encording to EN regulations.



Parameter Settings

Under off status, press "M" button and "+" button at the same time. You be able to enter the parameter settings. Each press of "M" button can into next item setting.

No.	Item	Range	Default
01	Temp. Calibration	-9 ~ +9 °C	0°C
02	Low Temp. Limit	0°C ~ 25 °C	10°C
03	High Temp. Limit	20°C ~ 60 °C	45°C
04	Sensor Select	1: External 0: Internal	1
05	Buzzer Sound Alarm	0: Disable 1: Enable	Enable
06	PRG Function	0: Disable 1: Enable	Enable
07	Heat & Cool Mode Select	0: Heat 1: Cool	0
08	Factory Reset	0: NO 1: YES	0
09	Software Version	1045	

Note: If factory reset need, after select 1, please long press ON/OFF button to activate it.

THE DISPLAY MENTIONED FOR HEAT OR COOL THE SAME ICON!!! WHEN IN COOLING, THE HEATING ICON FLASH. PLEASE BEFORE USE THIS THERMOSTAT CHECK IF ALL THE SETTINGS ARE CORRECT FOR A PROPER AND USEFULL WORKING

- 01) When the temperature must be changed, temperature can be calibrated with the real temperature.
- 02) The low level temperature can be set (for example 15°C)
- 03) The high level temperature can be set (for example 45°C)
- 04) Selection of the sensor mode: room sensor or external sensor
- 05) The high level temperature buzzer can be disable or enabled. When enabled the buzzer activate when the high level temperature is exceeded.
- 06) To enable or disable the programming function of the plugin thermostat. When enabled the thermostat works as a programmable thermostat, when disabled the thermostat reacts only with the UP and DOWN button.
- 07) Factory reset to set the default factory settings!

Mode Temperature Pre-set.



Pic.A



Pic.B

The Mode temperature can be set as the below following steps:

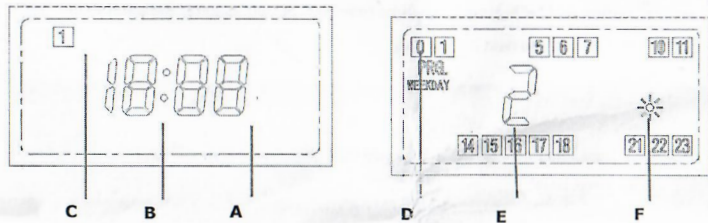
- Press and hold the "M" button for around 3 seconds. The COMFORT mode (pic. A) display.
- Change the mode temperature by the "+" or "-" buttons.
- Press "M" button, the Energy-saving mode display (pic. B).
- Change the mode temperature by the "+" or "-" buttons.

The comfort function is displayed as a * symbol (e.g. 25.5°C).

The energy-saving function is displayed as a ↶ symbol (e.g. 20.5°C).

The setup will be memorized by the EEPROM.

Day, Time and PRG. Setting (1).



Default state of the HT-600Plugin Thermostat.

The HT-600 has a default (factory) setting. These setting can be changed in the menu. Below are the default settings.

0	1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22	23

The comfort function is displayed as a ☼ symbol (29.0°C).

The energy-saving function is displayed as a ☽ symbol (20.0°C)

From 7:00 > 19:00 the default temperature is set on 29.0°C;

7	8	9	10	11			
12	13	14	15	16	17	18	19

From 20:00 > 6:00 the default temperature is set on 20.0°C;

0	1	2	3	4	5	6
20	21	22	23			

To change the default settings see paragraph: Day, Time and PRG settings (2)

Note:

To start up the HT-600, just plugin the thermostat in a wall socket. Just change the day and time (Day, Time and PRG settings (2)).

Don't change the default program when using these factory settings.

Day, Time and PRG. Setting (2).

The thermostat provides the option to program 23 time settings, irrespective of the day, i.e. a total of 161 switching programmes per week. These are shown in the display with a series of figures at the up and bottom of the display.

0	1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22	23

You have already set the temperature value before: (see page 2, mode temperature pre-set).

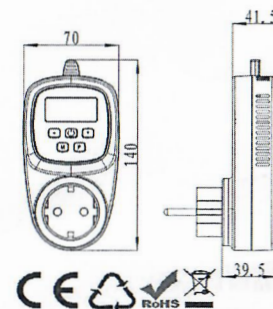
The comfort function is displayed as a ☼ symbol (e.g. 25.5°C).

The energy-saving function is displayed as a ☽ symbol (e.g. 20.5°C)

To set the time ,day and program with the below following steps.

- Press and hold the "P" button for around 3 seconds. The minutes flashes in the display (A).
- Change this value using the "+" and "-" buttons.
- Press the "P" button . The hours flashes in the display (B).
- Change this value using the "+" and "-" buttons.
- Press the "P" button. The day flashes as a number in the display (C).
- Change this value using the "+" and "-" buttons. Use 1 for Monday, 2 for Tuesday, 3 for Wednesday, 4 for Thursday, 5 for Friday, 6 for Saturday and 7 for Sunday.
- Press the "P" button . The switch program (D) and mode icon (F) flashes.
- Setup the program using the "+" and "-" buttons. Use "M" button to change the mode. Comfort Mode (☼) and energy-saving mode (☽).
- Press the "P" button after made the desired setting for this day, it will automatically skip to next day, you have the option of skipping to other days by pressing "P" button.
- To leave this menu, just wait 10 seconds or just push on the on/off button. The setup will be memorized by the EEPROM (when this feature is enabled).

Dimension



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