HT 300 SET

LCD Wireless Room Thermostat Controls

HT 300 SET is wireless room thermostat. The user can adjust the room thermostat in line with the requirement and get more comfortable and economic heating.

Touch Keys, LCD Backlight Screen
Daily and Weekly Program (7x24)
Operating Moods: Comfort Mode, Economy Mode, Holiday Mode
Weekly Program and Manual use
Only heating or only cooling setting
ON/OFF Control
Battery DC 3 V (2 × 1,5V AAA Alkaline pil)

Use

HT 300 SET room thermostats are used for keeping the required room temperature in only heating or only cooling systems.

Place of use

Houses

Apartments

Trading Areas

Light Industrial Buildings

Zone Valves, Thermal Valves

Gas or Petrol Burners

Fans

Pumps

HT 300 SET room thermostat has only heating and cooling outs. Its stabilizer gets room temperature with integrated sensor and keeps the required temperature by providing control commands . Switching difference is 0.5 ℃.

Operating

Key features of HT 300 SET room thermostat:
- Two-position control
- LCD Backlight screen
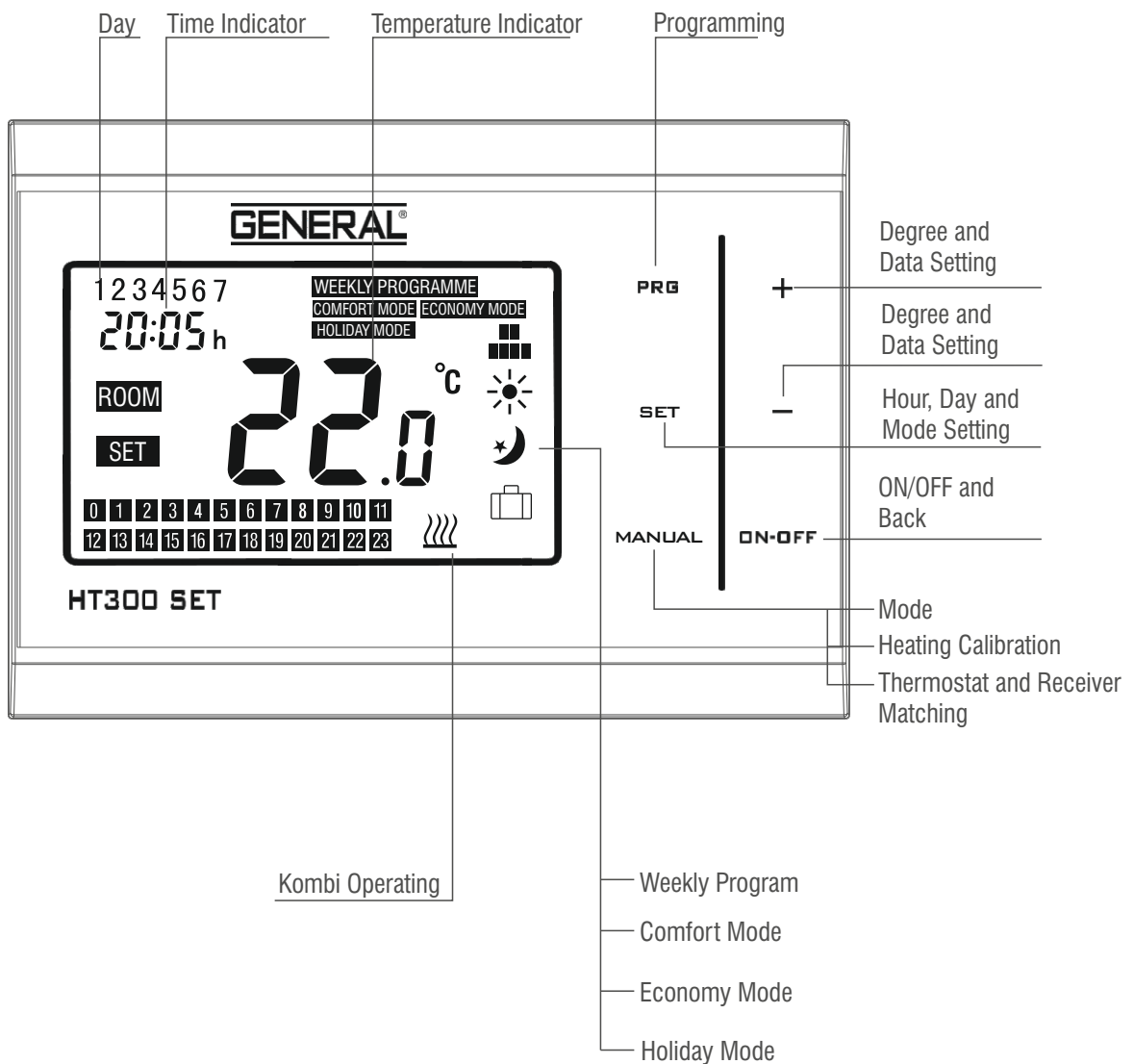- NTC 10K sensor

Mechanical Design

The device consists of 2 parts:
With its digital display having electronic, drive elements and built room temperature sensor,
       A plastic body
       A mounting base
Plastic body is mounted on mounting base.

Day   Time Indicator   Temperature Indicator   Programming

GENERAL®

1 2 3 4 5 6 7
20:05 h

WEEKLY PROGRAMME
COMFORT MODE   ECONOMY MODE
HOLIDAY MODE

ROOM
SET

22.0 ℃

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

HT300 SET

PRG — Degree and Data Setting
— Degree and Data Setting
SET — Hour, Day and Mode Setting
MANUAL   ON-OFF — ON/OFF and Back
— Mode
— Heating Calibration
— Thermostat and Receiver Matching

Kombi Operating

Weekly Program
Comfort Mode
Economy Mode
Holiday Mode

Battery Change

Insert 2 alkaline batteries in the battery compartment in the way as seen below. You can change the battery by removing the cover of battery compartment. Change 2 batteries always at the same time. Pay attention to the directins while inserting the batteries.

Warning

Throw your dead batteries into waste basket for batteries. While changing, programmed informations might be deleted from the memory of remote control device. Please look at the program chapter of the instruction book.

Mounting

In order to remove the wall hanger, loosen the screws at the bottom as can be seen in the figure. Fix the removed wall hanger 150 cm above the ground on a central place of the house. Avoid mounting HT 300 SET on the places where air circulation is too much such as door entrance or window ledge.
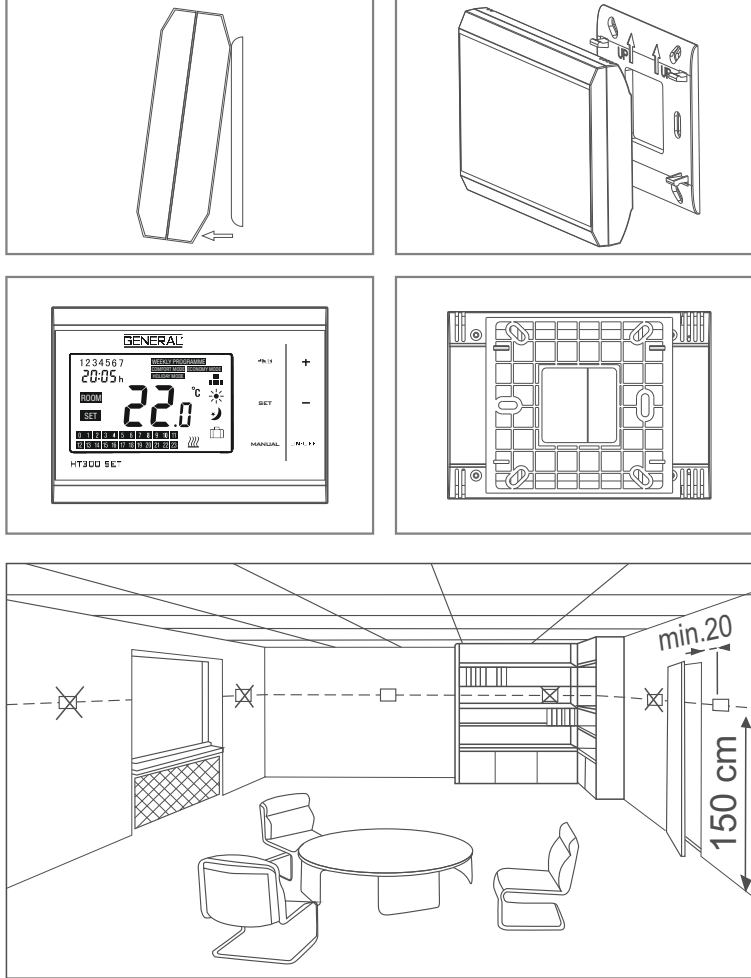
The thermostat shopuld be mounted on a flat wall.
Please comply the local electric regulations.
The membrane is filled with eco-friendly gas.
Termostat gövdesi plastik malzemeden üretilmiştir.
If there is any thermostatic radiator valve in the reference room, keep all of them open.

Heating Calibration

• Press **"Manual"** button while the device is off.
• SET the temperature difference by pressing "+" and "−" buttons in order to see required temperature. This value can be set between -8 and +8.
• Press **"Manual"** and exit the menu.

Warning: Recommended tempreture calibration is "0o ".

Technical Data

Operational Data
  Switching Capacity
    Voltage   DC 3 V (2 × 1,5V AAA Alkaline battery)

Voltage	DC 3 V (2 × 1,5V AAA Alkaline battery)
Relay operating voltage	3 V (DC)
Relay operating current	10 A (SPDT)
Differential SD Switching	0.5 $^{\circ}$C
Required Setting Range	5...30 $^{\circ}$C
Increments	0.5 $^{\circ}$C
Battery Life	1 year (AAA Alkaline Battery)

Environmental conditions

Operation	sınıf 3K5
Climate conditions	0...+50 $^{\circ}$C
Temperature	<95 % r.h.
Moisture	normal
Pollution degree	
Transport Storage	sınıf2K3/1K3
Climate conditions class	-25...+60 $^{\circ}$C
Temperature	<95 % r.h.
Moisture	sınıf 2M2
Mechanical conditions	

Norms and Standards

Standards	CE confirmity
Screw Terminals	2×1.5 mm^2 ya da 1×2.5 mm^2 min.(0.5 mm^2)
Color	White

Receiver

Operating Voltage	230 V+%10/-%15 (AC)
Frequency	45-65 Hz
Relay Operating Voltage	12 V (DC)
Relay Operating Current	10 A (SPDT)

HT 300 SET WIRING DIAGRAM

WIRING DIAGRAM FOR HEATING UNITS

COM

THERMOSTAT OUT

NO

NC

NL

AC 220 V

N
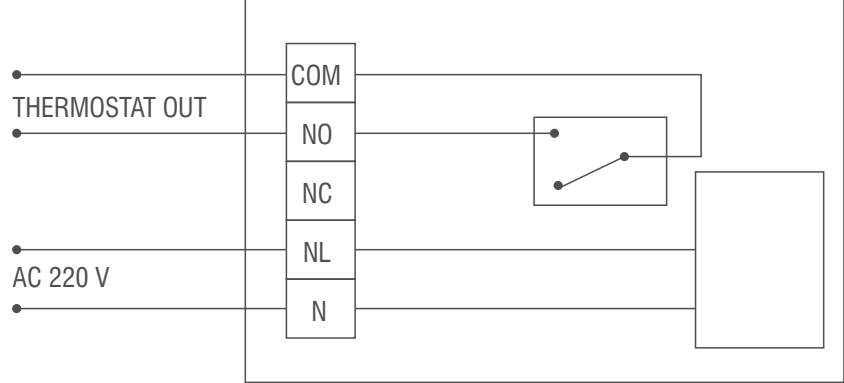
WIRING DIAGRAM FOR COOLING UNITS

COM

THERMOSTAT OUT

NO

NC

NL

AC 220 V

N
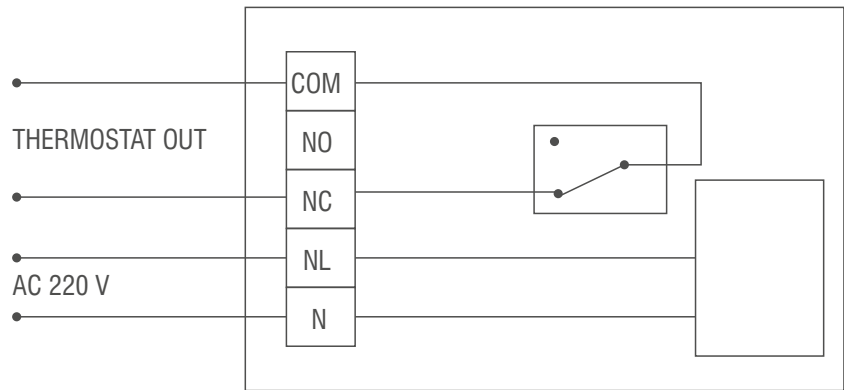
Sizes

Thermostat Size
134 mm × 94mm × 28mm

119 mm

GENERAL

1 2 3 4 5 6 7   WEEKLY PROGRAMME
20:05 h   COMFORT MODE ECONOMY MODE
                     HOLIDAY MODE

ROOM   22.0 °C   ☀
SET   ☽

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

PRG   +

SET   −

MANUAL   ON-OFF

HT300 SET

22 mm

85 mm