



HQ-TH40

Touch screen programmable
thermostat



MANUAL

ANLEITUNG

MODE D'EMPLOI

GEBRUIKSAANWIJZING

MANUALE

MANUAL DE USO

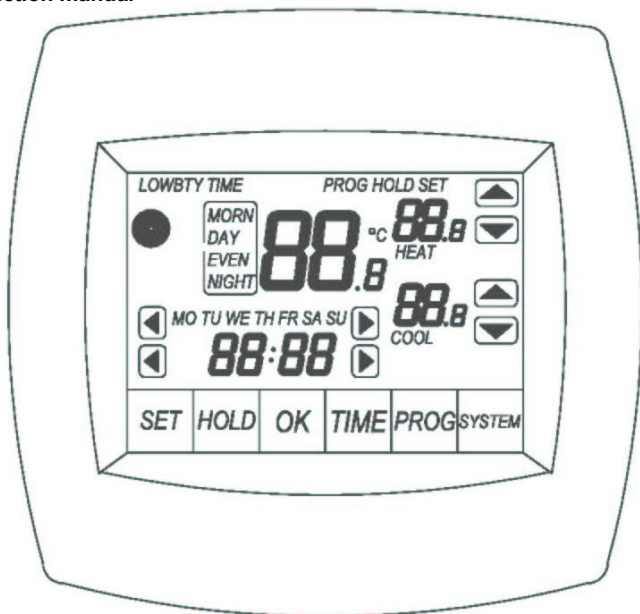
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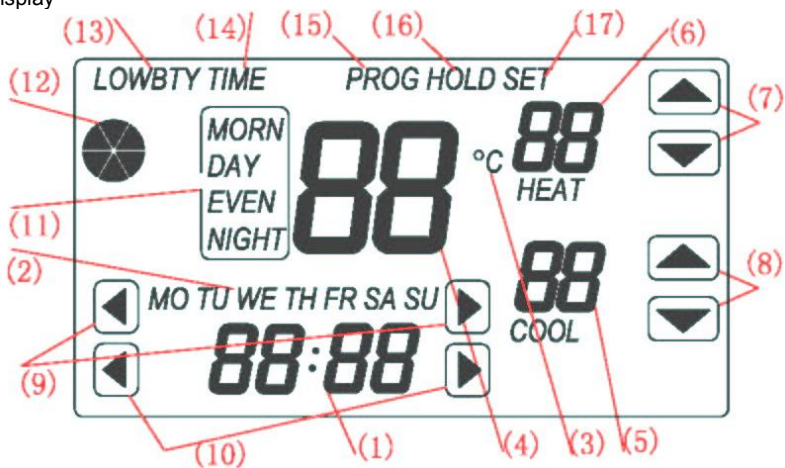
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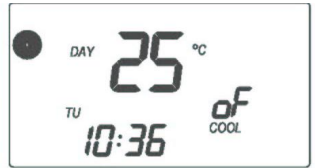
User instruction manual



1. Display



- (1) Clock
- (2) Week
- (3) Centigrade symbol
- (4) Room Temperature
- (5) Cool setting temperature
- (6) Heat setting temperature
- (7) Heat setting adjust
- (8) Cool setting adjust
- (9) Day of Week adjust
- (10) Clock adjust
- (11) 4 periods of day and adjust
- (12) System output symbol
- (13) Low Battery symbol
- (14) Time setting symbol
- (15) Program setting symbol
- (16) HOLD symbol
- (17) Setting symbol



- a. Room temperature displayed in the middle.
- b. Heating or cooling setting temperature displayed at the right side when system in heating or cooling.
- c. Clock and day of the week displayed at the bottom.
- d. 4 Periods of day MORNING, DAY, EVENING, NIGHT displayed at the left of room temperature.
- e. System output symbol displayed when system output is used.

2. Heat / Off / Cool system select and setting temperature adjust

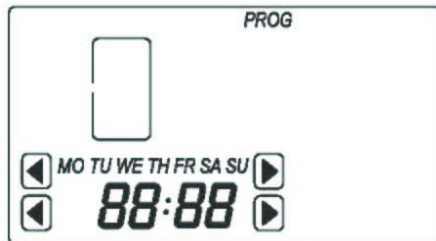
- a. System setting, press SYSTEM under display to select HEAT, OFF, COOL. Press OK under display to confirm setting and return to normal display.



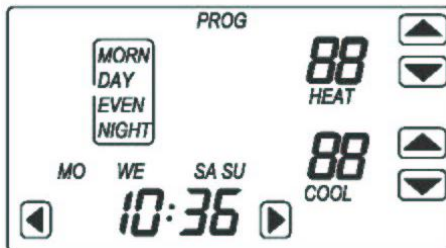
- b. Temperature setting adjust: press the Heat or Cool setting minus or plus adjust directly when system is heating or cooling.
3. Clock and week setting : press TIME under display to enter, TIME setting symbol displayed on the top. Clock and Day of Week adjust besides the Day of Week and Clock.



- a. Day of week setting: directly press Day of Week minus or plus adjust to set.
 - b. Clock setting: directly press Clock minus or plus adjust to set.
 - c. Press OK under display to return to normal display.
4. Program(time schedule) setting: press PROG under display to enter, PROG setting symbol displays on the top.
- a. First is select day for programming. Press Day of Week minus or plus adjust to choose the day you want. Press the button on Day of Week to select. You can press Day of Week minus or plus adjust to choose another day you want to use the same program and press button to select not more than 7 days. These the selected days will use the same program.
Remark: at least 1 day needs to be selected. Otherwise you can not enter the next program step.



- b. When you finished the day selection: press PROG to enter schedule programming:
 - 1). Press 4 periods of day and adjust to select from MORning,
 - 2). Press minus or plus adjust to select the beginning time of this period. And Press Heat and Cool setting temperature minus or plus adjust to set Heat or Cool setting temperature.
 - 3). Press 4 periods of day and adjust to select another period and repeat 2) to set.
 - 4). Repeat 1) and 3) to finish program setting.



- d. When you finished selected days program setting, press PROG to start other day's program setting.
 - e. Press OK under display to save the setting program and return to normal display.
5. Feature setting: press SET under to enter, Setting symbol is displayed on the top.
- a. First is Temporary Hold setting, displayed in the middle, Heat and Cool setting displayed at the right side. Temporary Hold time and its adjust displays at bottom.
 - 1) Press the minus or plus adjust to set Temporary Hold time. Each step 15 minutes. Time range is from 0 to 24 hours.
 - 2) Press minus or plus adjust to set Temporary Hold heat and cool temperature setting.
 - 3) Press SET to save setting and enter next feature setting.
 - 4) Press OK to save setting and return to normal display. The HOLD symbol will display on the top until the Temporary Hold is finished.
 - 5) To cancel Temporary Hold setting, enter feature setting and Temporary Hold setting to change the time to 0 to cancel.



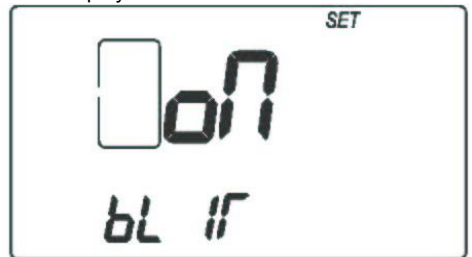
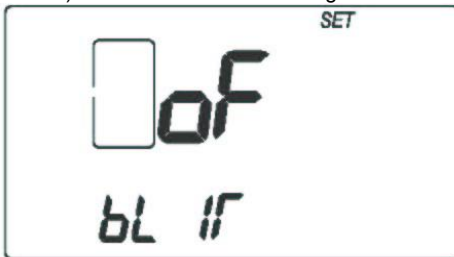
- b. Vacation Setting, VC displays in the middle, Heat and Cool setting displayed at right side. Vacation days and its adjust displays at bottom.
 - 1) Press the minus or plus adjust to set Vacation days. Each step 1 day. Time range is from 0 to 99 days.
 - 2) Press minus or plus adjust to set Vacation Heat and Cool temperature setting.
 - 3) Press SET to save setting and enter next feature setting.
 - 4) Press OK to save setting and return to normal display. The HOLD symbol will be displayed on the top until the Vacation is finished.
 - 5) To cancel the Vacation setting, enter feature setting and Vacation setting to change the day to 0 to cancel.



- c. Heat / Cool cycle temperature differential, CYCL displays at bottom, 1 or 2 in the middle and select button at its left.
 - 1) Press select button to select cycle temperature differential 1°C or 2°C.
 - 2) Press SET to save setting and enter next feature setting.
 - 3) Press OK to save setting and return to normal display.



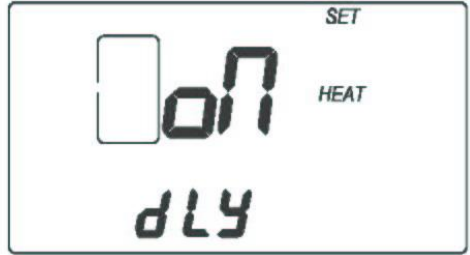
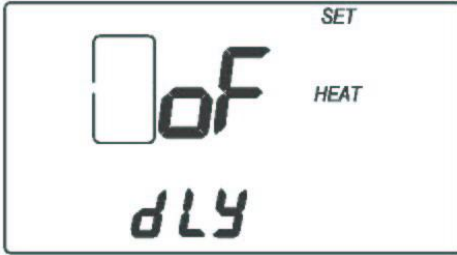
- d. Back light enable/disable, bLIT displays at bottom, oF or oN in the middle and select button at its left.
- 1) Press select button to select back light oF(OFF) or oN(ON 5 seconds after each press button).
 - 2) Press SET to save setting and enter next feature setting.
 - 3) Press OK to save setting and return to normal display.



- e. Early Start(Energy Management) enable/disable, ELST displays at bottom, oF or oN in the middle and select button at its left.
- 1) Press select button to select early start oF(OFF) or oN. This function causes the thermostat to start heating or cooling early to make the building temperature reach the program set point at the time you specify. Heating or Cooling will start 5 minutes early for every 1°F of temperature required to reach set point.
 - 2) Press SET to save setting and enter next feature setting.
 - 3) Press OK to save setting and return to normal display.

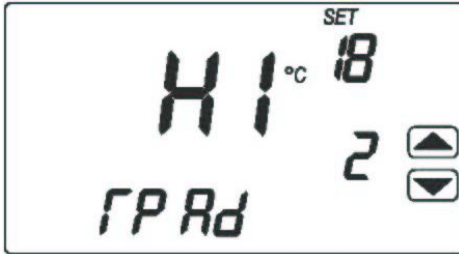


- f. Heating start delay enable/disable. dLY displays at bottom, oF or oN in the middle and select button at its left, HEAT displays at right.
- 1) Press select button to select lockout oF(OFF) or oN. The lockout will enable 5 minutes waiting between each heating cycle.
 - 2) Press SET to save setting and enter next feature setting.
 - 3) Press OK to save setting and return to normal display.



g. Temperature Display Adjustment. TPA_d displays at bottom, room temperature at top right and adjust value and its adjust at bottom right. HI(high) or Lo(low) in the middle.

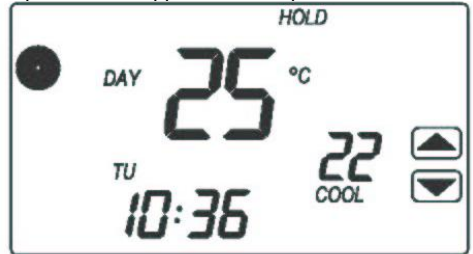
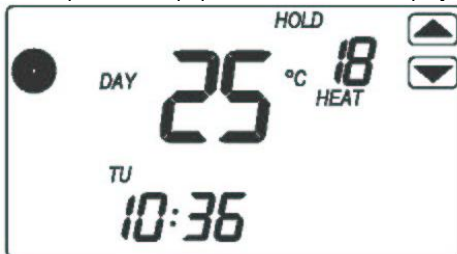
- 1) Press adjust button to adjust display temperature. The adjustment range is 2.5°C low to 2.5°C high. The thermostat was accurately calibrated at the factory but you have option to change the display room temperature to match your previous thermostat
- 2) Press SET to save setting and enter next feature setting.
- 3) Press OK to save setting and return to normal display.



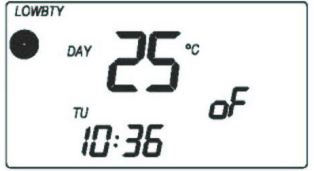
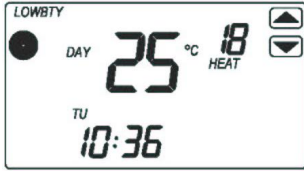
6. Simple HOLD start and stop.

a. Simple hold start, press HOLD under display to start. HOLD displays at top. Press Heat or Cool temperature setting minus or plus adjust to set the hold temperature. This temperature setting will be hold until it stop.

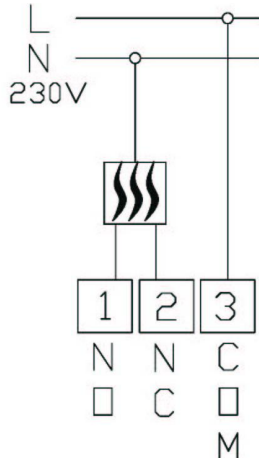
b. Simple hold stop, press HOLD under display to stop. HOLD disappears from top.



7. Battery low alarm, when battery is low, LOWBTY displays and flashes at top. You need to replace the battery.



8 . Wiring



WIRING DIAGRAM

9. Specifications

Power Rate: 230V 50Hz

8A Resistive Load

Thermal Rate: Measurement Temperature Range: 0°C to 35°C

Setting Temperature Range: 5°C to 30°C

Power: 2 x AA Alkaline Battery Operated.

WARNING:

To reduce risk of electric shock, this product should ONLY be opened by an authorized technician if service is required. Disconnect the product from mains and other equipment if a problem should occur. Do not expose the product to water or moisture.

WARRANTY:

No guarantee or liability can be accepted for any changes and modifications of the product or damage caused due to incorrect use of this product.

GENERAL:

Designs and specifications are subject to change without notice.



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