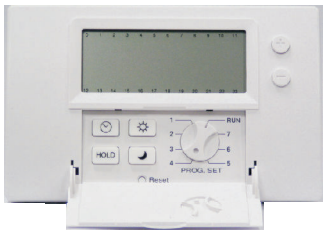
EUROSTER 2006 7-Day Programmable Thermostat Installation Instruction



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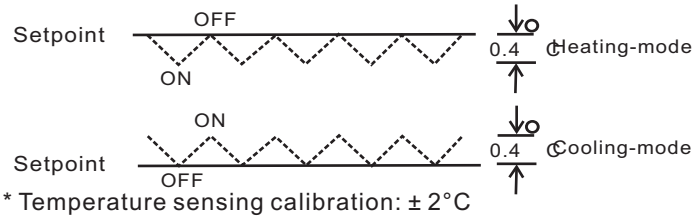
Specs

1

*EEPROM memory backup
*For Heating or Cooling,by factory preset.
*Temperature display range: 0 ~ 50°C
*Temperature control range: 5 ~ 35°C for Room mode
5 ~ 45°C for Floor-heating mode
*Temperature sampling rate: 1 minute
*Switching differential(Hysteresis): 0.4 °C or 1.0°C selectable to users.



* Temperature sensing calibration: ± 2°C
*Temperature adjusting scale: 0.2°C
(fast forward adjusting function, pressing + or- for 3 seconds)
*Temperature display scale: 0.1°C
*All 7-Day independently programmed
*24-Hour- format, spread into 48 time adjusting zone
*Thermostat operate Power: 2 X AA 1.5 Vdc LR 6 Alkaline
*Battery-low indication(When power goes below 2.4 Vdc)
*Thermostat output: 16(3.5) AMP / 250 Vac, Voltage-free, SPDT.
*Dimension: 132.5 L x 85 W x 27.6 H mm

Choosing Installation Location

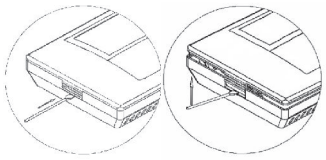
2

For obtaining thermostat's best performance upon using, recommend user to follow up with precaution listed below.
(1). Place thermostat on wall inside the room approximate 1.5 meter above floor.
(2). Avoid position where temperature sensing easily interfered by ambience, such as, directly exposed to Sun-Light, too near to any Heat-Generate devices /refrigerator, right next to entrance/exit/window, etc.
(3). Prevent thermostat from installed at position that furniture may interfere air-flow, stagnant air-flow location is not suitable for installing thermostat.
(4). Keep thermostat away from high humid ambience, high humidity is hazardous to thermostat's operational duration.
(5). It's crucial, before installing thermostat, make sure house renovation is finished, no tacky painting/plaster is right on thermostat's installing position.
(6). To level thermostat prior to installation is not necessary.
(7). Push excess cable wires back into the wall while positioning thermostat. If there is a draft, pack the opening with non-combustible material.
(8). Place batteries in thermostat requiring batteries, observing "?" and "?" positions.

To Open Top Housing

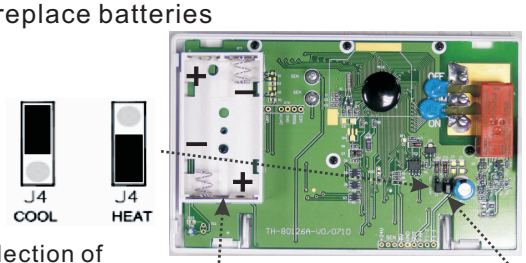
3

Insert Flat-Head screw driver in positin as shown on right



Gently lift the side upward

Choosing Thermostat operation mode & to replace batteries



J 4
Selection of Cool or Heat mode

Battery 2 x AA. Follow "+" and "—" instruction.

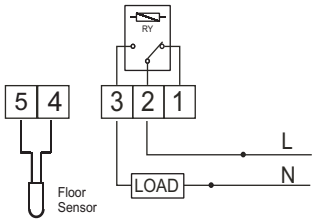
J 1
Selection of Floor-sensor or Room-sensor mode

4

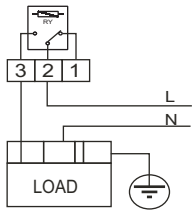
Wiring Guide

5

Floor-Heating System



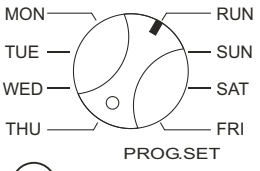
Heating/Cooling System



To adjust Hysteresis (Switching-Differential)

6

1.Point Rotary switch to "RUN".



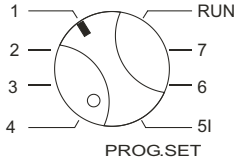
2.Press and hold both ⊕ & ⊖ for 3 seconds.

3.Shown as on LCD, to press either ⊕ or ⊖ to select required Hysteresis.

4.Wait for 5 seconds,after adjustment, Thermostat shall automatically memorize adjustment and begin operating.

To adjust Temperature Calibration

1.Point Rotary switch to " 1 " (MON)



2.Press and hold both HOLD and ⏲ for 3 seconds.

3.SHown as on LCD, to press either ⊕ or ⊖ to set temperature calibration.

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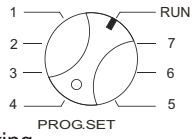
4.Wait for 5 seconds after calibration was done, Thermostat shall automatically memorize adjustment and begin operating.

Euroster 2006 7-Day Programmable Thermostat Programming Instruction

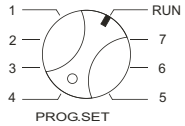
To adjust clock



8

1. Rotary switch pointed to “RUN”.
2. Press [⏲] to enter clock adjusting.
3. Press ⊕ or ⊖ to select the day of week.
4. Press [⏲] again to enter adjusting hour of day.
5. Press ⊕ or ⊖ to adjust.
6. Repeat procedure of pressing [⏲] and ⊕ / ⊖ to finish adjusting minute of hour.
7. LCD display shall automatically return to main page 5 seconds after clock adjusting completed.

To adjust ☼ and ☾ Temperature setting.



9

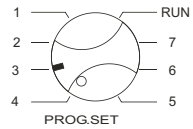
1. Rotary switch pointed to RUN.
2. Press [☼] to enter ☼ temperature setpoint.
   Press [☾] to enter ☾ temperature setpoint.
3. Press [☼] / [☾] again, LCD display begins flashing.
4. Press ⊕ or ⊖ to adjust temperature.
5. Wait 5 seconds after temperature adjustment finished, thermostat shall memorize setting and return to main page.

With two temperatures setting only, each of 7-day is spread into 48 independent time-scale, users can select length of time by own preference, to coordinate with ☼ and ☾ temperature setting, for coziest room temperature.

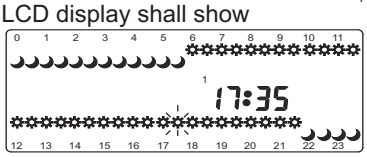
To set program-period for each Day

10

and start setting. (Wednesday chosen for graphic example)



1. Rotary switch pointed to the desired day of week.
2. LCD display shall show



3. Press [☼] or [☾] to alter setting between ☼ and ☾ on LCD display.
4. Press ⊕ or ⊖ to select each individual time-scale, LCD display shall also indicate each time-scale by digital number and flashing, to guide users.
5. After finished setting all 7-day of week, spin rotary switch back to “RUN”. Thermostat starts to operate its program.

Factory preset Program-Period

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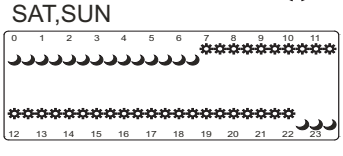
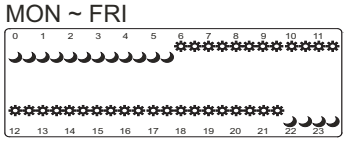
Heating Mode ☼ 20.4 ☾

Cooling Mode ☼ 22.2 ☾

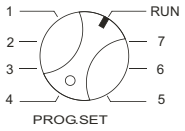
SAT,SUN



MON ~ FRI



To set HOLD (Permanent override)



1. Rotary switch pointed to RUN.
2. Press [HOLD] to enter this permanent override mode, LCD shall display “Temp Set” “Hold”.
3. Press ⊕ or ⊖ to adjust temperature setting.
4. LCD display shall be flashing for approximate 8 second after temperature setting finished, and skip to indicate ambient temperature after flashing stopped. Thermostat starts to execute Permanent-Override function.
5. Press again [HOLD], shall deactivate this “HOLD” command, thermostat shall resume its scheduled programs executing.

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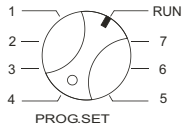
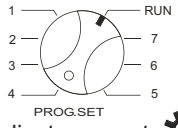
To set 5 C° Anti-Freeze Protection



1. Rotary switch pointed to RUN.
2. **Press and hold** [HOLD] for 5 seconds to enter this mode, “**A - F**” shall be shown on LCD.
3. Release pressing and hold [HOLD] button.
4. Anti-Freeze Protection is being started.
5. Press again [HOLD], shall deactivate Anti-Freeze Protection, thermostat shall resume its scheduled programs executing

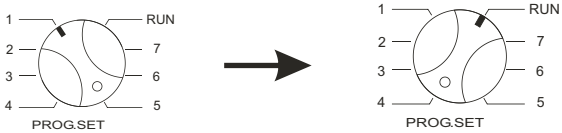
13

To set MANUAL (Temporary Override)



14

1. Rotary switch pointed to RUN.
2. Press ⊕ or ⊖ LCD display shall indicate current ☼ or ☾ temperature setting.
3. Press again ⊕ or ⊖ to change setting.
4. LCD display shall be flashing for approximate 8 second after temperature setting finished, and skip to main page of LCD-display after flashing stopped. Thermostat starts to execute “MANUAL” function.

, thermostat shall maintain executing “MANUAL” until ☼ program runs to the section of ☾. Vice versus. On LCD-display main page, when MANUAL in executing, ☼ or ☾ shall disappear from display at the section of time that **MANUAL.** function is executing.

5. Spin switch away from “RUN” and spin it back to “RUN” can terminate this “MANUAL” function.