HH 270
Touch ScreenThermostat
Owners Guide

Thank you for choosing the HH 270. The Thermostat is designed for Electrical underfloor heating. It can be programmed for up to 4 events each day with different temperatures. You may select Program Mode or Manual Mode according to your individual requirements.



HH 270 functions

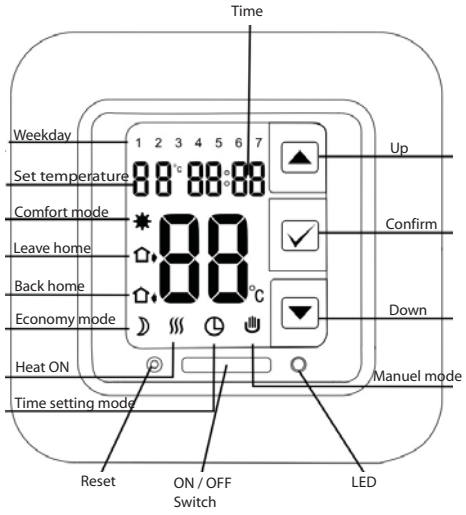
Manuel Mode
The manual mode overrides the schedule program. Set the temperature and number of hours according to your individual requirements and the thermostat will operate at this temperature.

Program schedule mode
The schedule is used to automatically switch between comfort and economy temperature.

Programs	Time
☼	Wake-up / Comfort mode
⌂↑	Leave home / Economy mode
⌂↓	Back home / Comfort mode
☾	Night / Economy mode

- ★ Display floor temperature with 2-digits
- ★ Heating disabled mode(OFF)
- ★ Accumulative heating hours
- ★ Lamp (LED) for heating activated
- ★ Main Switch for switching off the thermostat

Key / Icon Description



NB: Press the confirm key in 3 seconds and the thermostat return to operating mode.

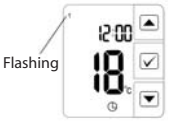
1 Time and week day setting

Set the thermostat to the present weekday and time.

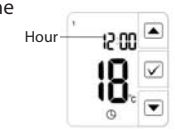
Press the "✓" key once and then "▼" untill the ◷ start flashing. Confirm by pressing the "✓"



" 1 " will start flashing. Select the present week day by pressing "▲" or "▼" and confirm by pressing "✓".



Hour will start flashing. Select the hour by pressing pressing "▲" or "▼" and confirm by pressing "✓".



Minutes will start flashing. Select the minutes by pressing pressing "▲" or "▼" and confirm by pressing "✓".



2 Program mode setting

Set the thermostat in program schedule mode.

① Press the "✓" key once and then "▼" untill the ⌂↑ ◷ start flashing. Confirm by pressing the "✓"



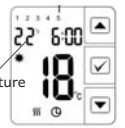
② "1 2 3 4 5" or "6 7" will start flashing. Select the week day by pressing "▲" or "▼" and confirm by pressing "✓".



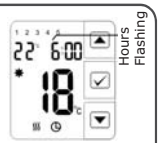
③ Sun ☼ will start flashing. Select the program by pressing "▲" or "▼" and confirm by pressing "✓".



④ Temperature will start flashing. Select the temperature by pressing "▲" or "▼" and confirm by pressing "✓".



⑤ Hour will start flashing. Select the temperature by pressing "▲" or "▼" and confirm by pressing "✓".



⑥ Minutes will start flashing. Select the minutes by pressing "▲" or "▼" and confirm by pressing "✓".



⑦ Repeat step 3 - 4 - 5 for program ⌂↑
Repeat step 3 - 4 - 5 for program ⌂↓
Repeat step 3 - 4 - 5 for program ☾

Factory setting of time schedule and temperatures

Key	Event	Symbol	Time	▲▼	Temperature	▲▼
"▲" "▼"	Day 1-5	☼	06.00	"▲" "▼"	22 °C	"▲" "▼"
		⌂↑	08.00		16 °C	
		⌂↓	16.00		22 °C	
		☾	22.00		16 °C	
	Day 6-7	☼	08.00		22 °C	
		☾	22.00		16 °C	

3 Permanent disable of heating

In program mode the heating can be disabled. Press "▲" and the program step icon fx. ⌂↓ disapears. Press "▲" to return to normal heating output



4 Heating hour accumulation

Press "▲" and "▼" simultaneously and the display shows the total hours of power consumption. By pressing "▲" and "✓" simultaneously will reset the hours. The Reset buttom will not affect the accumulation.



5 Technical specifications

Supply voltage:	230 VAC / 50 Hz
Max. Load:	16 A / 3600 Watt
Temp. setting range:	5 °C to 45 °C
Switching differential:	+/- 1 K
Ambient temperature:	-10 °C to 55 °C
Protection class:	IP20
Housing:	Anti-flamable PC
Floor sensor:	3 meter cable with NTC
Memory back-up:	200 hours storage of program

6 Warranty

HandyHeat gives TREE years limited warranty.
This product is guaranteed against workmanship defects for a tree-year period, following the initial date of purchase. During this period HandyHeat will repair or replace, at our option and without charge, any defective products witch has been used under normal conditions. The warrenty does not cover delivery costs and does not apply to products poorly installed or randomly damaged folowing installation.
This warrenty cancels and replaces any other manufacturers express or implied warrenty as well as any other company commitment HandyHeat cannot be held liable for related or random damages following the installation of this product. The defective product as well as the purchase invoice must be returned to the place of purchase or mailed, prepaid and insured, to the nearest shipping address.

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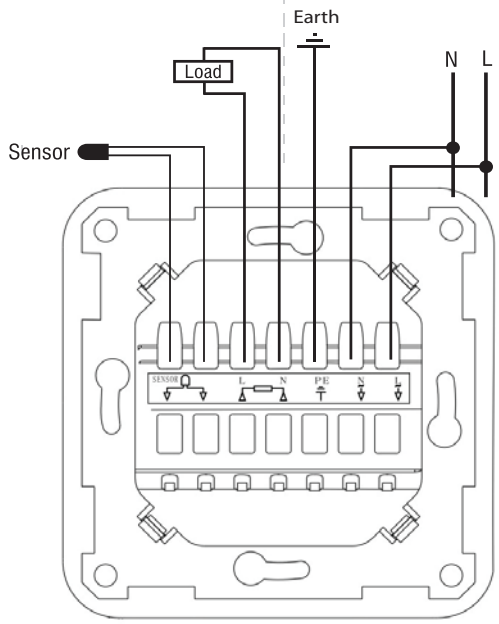
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HANDYHEAT® DANSK VARMEKABEL A/S HH270 Installation instruction

1 Installation Guidelines

Turn off the power to the heating system at the main power panel to avoid electrical shoch. Installation should be carried out by an qualified electrician.

All work must confirm to the most resent national regulations for electric installations and wirings. This thermostat should be connected on a circuit with a RCD failure current tripping devise. For new installation, chose a location 1,5 m above the floor.
The Thermostat must be installed on an inside wall. Avoid locations where thre are air draft, air outlet, top of staircase, behind door, direct sunlight, concealed chemneys or stove pipes.



Accessories

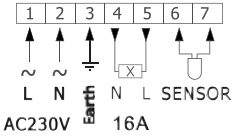
Before making the connections, make sure that the base covers the electrical box entirely. If not, install a wall platr at the back of the base.



2



Note:
Please take care of the connection wires between the housing cover and the power base when installing the thermostat.



3



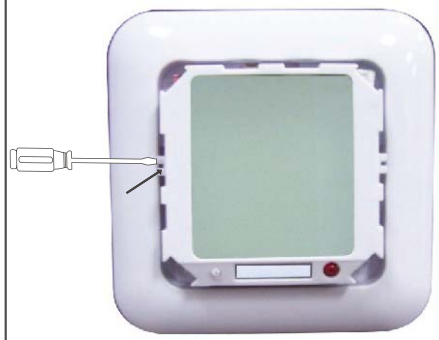
Press the front frame on the front of the thermostat



4



Press the front cover on the thermostat



To release the front cover use a screw driver and push the taps in both sides

5 Turn power on



When power is turned on set the time and weekday.

If displays shows: " __ __ " the floor probe is not connected or fails.

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