Heating and cooling controller – operation manual

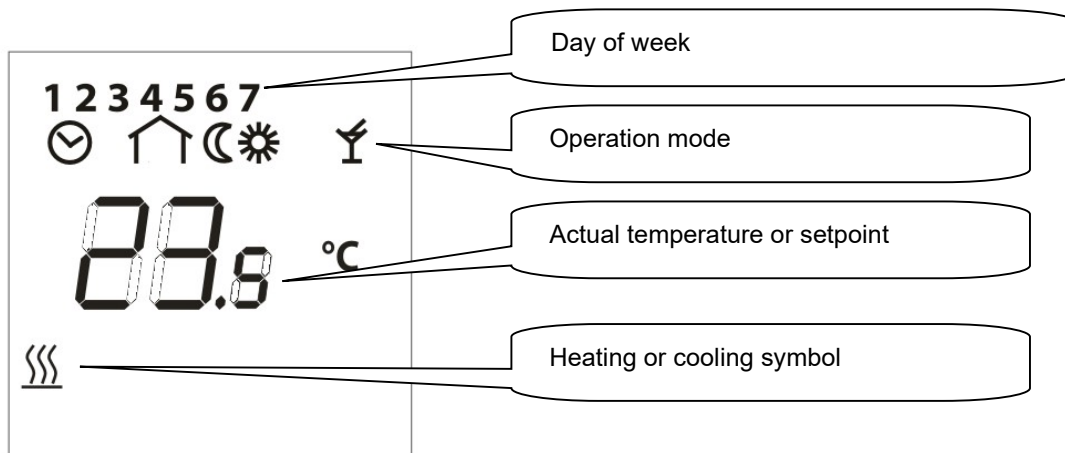|	
	Day of week
	Operation mode
	Actual temperature or setpoint
	Heating or cooling symbol

1 Temperature indication

Normally, the display displays actual room temperature and fancoil status (Day, Night, Off).

2 Setpoint change

Turn the knob left (anticlockwise) if you wish to decrease room temperature setpoint (it is hot, you want to heat less or cool more).

Turn the knob right (clockwise) if you wish to increase room temperature setpoint (it is cold, you want to heat more or cool less).

The symbol SETTINGS is displayed, the new setpoint flashes, and can be confirmed by short push of the knob, or wait 5 secs and it will be written automatically. The display then shows the actual value again.

3 Operation mode settings

Short push of the knob **changes the operation mode** – cylically switching between Day – Night – Off – Auto - Party.

In the Auto mode (clock symbol) the operation mode is controlled by internal real time clock.

After switching to Party mode, the controller stays in the Day mode for 2 hours and then gets back to Auto.

4 Operation mode

The operation mode is controlled by the internal time schedule in the Auto mode, the symbols have following meaning:

Sun: Day mode

Moon: Night mode

Empty house: Off, long-term absence of persons

5   Weekly time scheduler

The weekly scheduler switches between Day, Night, and Off modes automatically based on the real time clock and event table. In one day it is possible to define up to 6 events (changes of operation mode).

Time schedule settings:

Switch to the time schedule settings mode with a long push (>1 s). The controller switches to settings mode (clock icon).

Turn the knob to select the weekday (1 to 7). Then short push to confirm the selection. Turn the knob to select the event (large number 1 to 6). Each event displays the mode activated by this event.

Short push to confirm the event selection. Turn the knob to select the operation mode (Day, Night, Off, Event inactive) invoked by this event. If the event is not active, the operation mode is not changed at the set time.

Short push to confirm the operation mode setting. The event time displays. Turn the knob to set the time of the event and confirm by a short push. Then turn the knob to select another event or long push and turn the knob to select another weekday.

After all desired events have been edited, long push to leave the time schedule settings. The controller goes to the basic display mode also after 30 secs of user inactivity.

6   Heating

The heating symbol (heater) displays the actual controller status. If the symbol is not visible, the controller does not heat. If the symbol is active, the heating valve is open.

7   Setting of basic setpoints and real time clock

The basic setpoint values for the operation modes are:

heating setpoint, day	21 °C
heating setpoint, night	19 °C
heating setpoint, off	12 °C
cooling setpoint, day	24 °C
cooling setpoint, night	28 °C
cooling setpoint, off	35 °C

Changing of basic setpoints:

Switch to the settings mode with a superlong push (>2.5 s). The controller switches to settings mode (flashing thermometer icon). Turning the knob selects between following settings:

- Controller time and day of week (Clock icon, Day of week)
- Setpoint temp. Heating Day mode (Temperature, Heating, Day are flashing)
- Setpoint temp. Heating Night mode (Temperature, Heating, Night are flashing)
- Setpoint temp. Heating Off mode (Temperature, Heating, Empty house are flashing)
- Setpoint temp. Cooling Day mode (Temperature, Cooling, Day are flashing)
- Setpoint temp. Cooling Night mode (Temperature, Cooling, Night are flashing)
- Setpoint temp. Cooling Off mode (Temperature, Cooling, Empty house are flashing)

Select the requested value by a short push. Turn knob to change value. Confirm by a short push again.

If there is no user activity for 30 s, the controller goes to the basic display mode.

Some of the functions may be not accessible based on the configuration of the controller.

8 Problems

In case of problems, contact your building manager at (*insert phone number here*).