

Thermostat, base, Niko Home Control

550-13053



This thermostat ensures the optimal temperature in any room fitted with a floor-heating system, radiator, heating or cooling unit. It controls the heating and/or cooling in the room where it is mounted.

You can save considerable energy when you use the thermostat with advanced features in Niko Home Control, such as an all-off routine, calendar-based actions, energy insights and the integration of several partner systems like inverters, EV chargers and heat pumps.

The thermostat is used in combination with other Niko Home Control products. One of the following options is required:

- heating or cooling module
- HVAC universal interface
- HVAC starter kit and optional HVAC interface extensions
- threefold or sixfold switching module (for switching electric heating)

The narrow display always shows just what you need to fine-tune or override your programmed temperature settings. The thermostat is designed to elegantly fit into the same faceplates as other Niko controls. The thermostat features an easy click-on mechanism for wall-mounted bus wiring controls and is available in various Niko finishings.

You can combine multiple thermostats and push buttons with comfort sensors to measure the temperature in different rooms in your home, up to twenty per installation.

This product is compatible with Niko Home Control 2.x

This article is protected by at least one patent (or patent application). For more info on patents, see www.niko.eu/innovation.

- Suitable for both heating and cooling control in the room where it is mounted
- Compatible with Niko Home Control, allowing smart programming for considerable energy savings and optimal comfort (e.g. actions, routines, energy insights and the integration of several partner systems like inverters, EV chargers and heat pumps)
- Narrow display always shows just what you need



- Available in various Niko finishings and designed to elegantly fit into the same faceplates as other Niko controls
- Easy click-on mechanism for wall-mounted bus wiring controls

Technical data

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Sensor performance:

- Temperature sensor range: 0 – 40°C
- Temperature sensor accuracy: $\pm 0.5^{\circ}\text{C}$
- Humidity sensor range: 0 – 100 % RH (non-condensing, nor icing)
- Humidity sensor accuracy: $\pm 5\%$, between 20 – 80 % RH at 25°C
- Function: The thermostat measures the temperature and serves as the local control to regulate the heating, cooling, or HVAC system within a zone or room. Each thermostat can be programmed independently. On this device, you can select the programs and settings or temporarily override them. You can use the pre-programmed settings or enter your personal settings and change your weekly programmes in the Niko Home app or the Niko Home Control programming software.
- If you use the product as an HVAC thermostat, there are three adjustable temperature settings (DAY, NIGHT and CUSTOM) and two weekly programmes (PROG1, PROG2) to choose from. You can also change the ventilation speed and switch between cooling and heating.
- If you use the product as a thermostat for heating/cooling, there are three weekly programmes to choose from: two for the heating function (PROG1, PROG2) and one for the cooling function (PROG3). In addition, there are five fixed temperature settings (DAY, NIGHT, ECO, COOL, and OFF).
- Compatible with: connected controller, wireless smart hub
- Commissioning method 1: Niko Home Control programming software
- Input voltage: 26 Vdc
- Minimum ambient temperature: 0 °C
- Maximum ambient temperature: 40 °C
- Protection degree standalone: IP20
- Protection degree: IP40 for the combination of a mechanism and faceplate
- Impact resistance: the combination of a mechanism, a central plate and a faceplate has an impact resistance of IK02
- Dimensions (HxWxD): 45 mm x 45 mm x 10.5 mm
- Marking: CE