

Room Thermostat



A product from Koloban SRL & Covers SA

Hardware

● Key functionalities

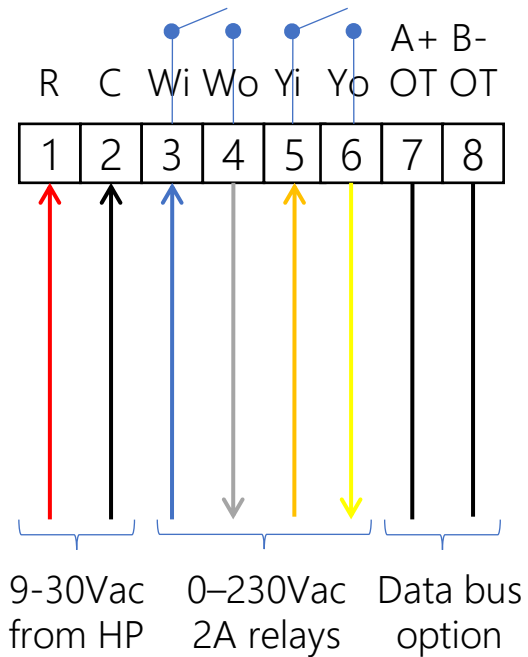
- Simple is best
- Modes: heat, cold, off
- Standard 24VAC power, accepts 9 to 30VAC.
- Drives heat pump, boiler, ventilation system, or any circuit through its 2 relays that allow up to 230VAC/2A max.
- 3,5" TFT colour display with capacitive touchscreen
- Multilingual
- Measure of ambient temperature & humidity

● Evolutive connectivity

- Optional connectivity such as Wi-Fi Matter, RF, Modbus, OpenTherm to integrate complex environment and domotics systems
- Optional CO2 & VOCs sensing with alarm

● Reliable

- Made in Belgium, high-grade semi-conductors, no mechanical components (full touchscreen), repairable



R: 24VAC Power
C: 24VAC Common
Wi: Heat circuit in
Wo: Heat circuit out
Yi: Cold circuit in
Yo: Cold circuit out
OT: OpenTherm option
AB: ModBus option

Wi and Yi can be shorted to R or C depending your circuit.



3.5" colour screen
Capacitive touch panel
Landscape format

Software

● Key functionalities

- Intuitive GUI via touchscreen
- Multilingual support
- Programmable (up to 4 programs)
- Parameters such as min. & max. T° configurable via configuration file
- log mechanism
- Parameters such
- Real Time Clock
- Network support

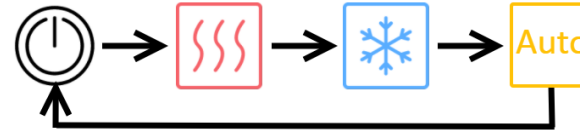
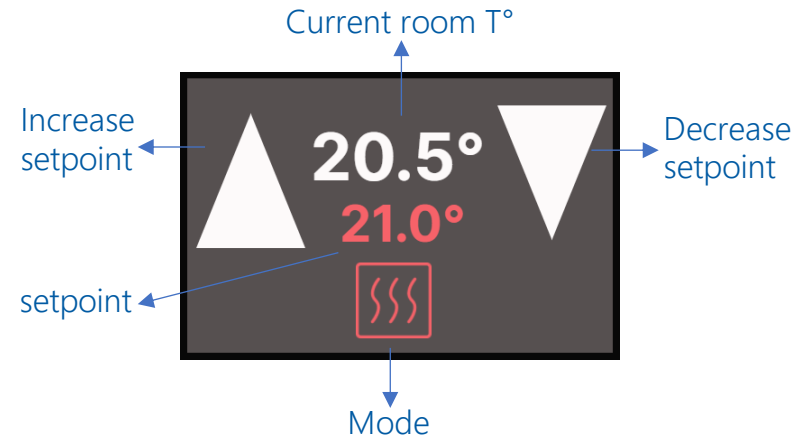
● Evolutive

- Modular approach to easily customize the software, including GUI, according to tailor needs.

● Reliable

- In-house design, development and tests following the best practices of IT Sector

Easy to use

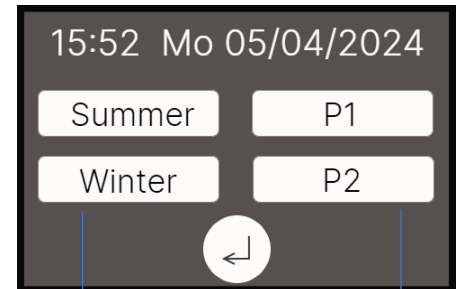


Modes

```
#Config file thermostat Serie 1 - Model 101
default_setpoint_heating=21
default_setpoint_cooling=22
min_setpoint_heating=16.0
max_setpoint_heating=24.0
min_setpoint_cooling=22.0
max_setpoint_cooling=26.0
heating=on
cooling=on
~
```

Configuration file

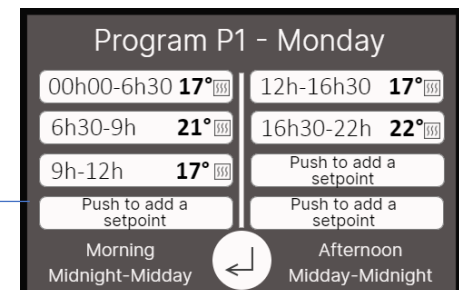
Programmable thermostat



Default programs
(can be modified)

Custom programs

Configure a program day by day



Up to 8
setpoints
per day

Product range

Series 1 – Series 2 – Series 3

Series 1 – Standard*

*in development phase

Model	Mode & programs	Detection	Output	Connectivity
101	Heating/Cold	–	Wired	–
102	Heating/Cold/Auto + 4 weekly programs	–	Wired	–
103	Heating/Cold/Auto + 4 weekly programs	CO + smoke	Wired	–

Series 2 – Connected*

*available 2nd half 2025

Model	Mode & Programs	Detection	Output	Connectivity
201	Heating/Cold	–	Wired	Wifi: Opentherm, Matter + Modbus
202	Heating/Cold/Auto + 4 weekly programs	–	Wired	Wifi: Opentherm, Matter + Modbus
203	Heating/Cold/Auto + 4 weekly programs	CO + smoke	Wired	Wifi: Opentherm, Matter + Modbus

Series 3 – Multiroom*

* available end 2025

Model	Mode & Programs	Detection	Output	Connectivity
301	Heating/Cold + 4 weekly programs per room	–	Wired + 8 rooms	Wifi: Opentherm, Matter + Modbus
302	Heating/Cold/Auto + 4 weekly programs per room	CO + smoke (per room)	Wired + 8 rooms	Wifi: Opentherm, Matter + Modbus

Contact us

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