

081RF

Wireless thermostat for radiators

The radiator thermostat regulates the warm water flow into the radiators. It's suitable for use with C801 room thermostat. The use of radiator thermostats allows an optimal temperature regulation in every room / zone and leads to significant heat costs saving.



	Temperature regulation range	Radio frequency and range	Power supply	Working temperature	Protection degree
081RF	5 ÷ 30°C	868,3 MHz – 100 mt free field	2 batteries AA 1,5 V	0 ÷ 50°C	IP20

ELECTRICAL FEATURES

Supply voltage: 3V (2 batteries 1,5V AA).

HOMOLOGATIONS AND STANDARDS

Complies with EN 60730-1 standards
Complies with 1999/5/CE R&TTE directive

INSTALLATION

Suitable for all the radiators with M30x1,5 connection, Danfoss RA/RAV/RAVL valve adaptors included.
Easy to install, thanks to the "self adapting".

FUNCTIONING

081RF wireless radiator thermostat is equipped with:

- Block function in case of window opening
- Antifreeze anti-calcification function
- In case of setting change the new set values are automatically sent to all the other thermostats in the zone
- Kid function to disable the buttons
- Anti-removal accessory available as accessory



Back lit LCD display for easy temperature reading, set point and mode function reading

Boost button to open completely the valve of the radiator for a pre-set time

Economy or comfort mode selection

Automatic or manual mode selection and set up function

Temperature setting knob

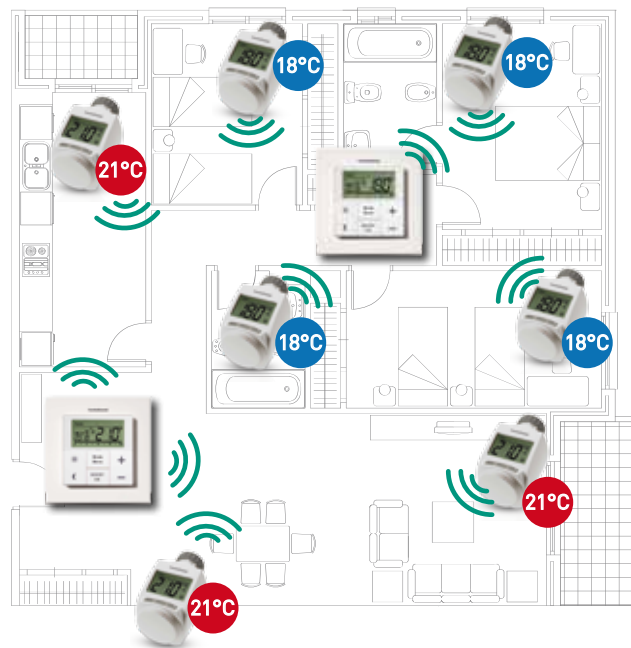
With the room thermostat C801 it's possible to control up to 8 081RF radiator thermostats.

The ambient temperature is controlled automatically by the thermostats thanks to a "PID" type regulation, based on the set point, the ambient temperature and the pre-set time settings.

In case of interruption of the RF communication between the room thermostat and the radiator thermostat (due to exhausted batteries f.e.) the temperature regulation will be made based on the last valid set point.

In case of manual setting of the temperature on 081RF, the setting change is automatically received by the room thermostat which adapts to the new setting by sending the same reading to the other radiator thermostats in the room.

EXAMPLE OF 2 ZONES REGULATIONS



CHARACTERISTICS

Battery life: approx. 2 years (with 2 comfort cycles / day)

Protection degree: IP20

Connection: standard M30x1,5.

Accessories included: adaptors for Danfoss valves RA/RAV/RAVL

LCD dimensions 40 x 28 mm. retroilluminato.

Thermostat dimensions and weight: 90 x 64 x 70 mm. – 170 g.