

Data Sheet

Danfoss *Icon*™ Wireless Room Thermostat

Description



Danfoss *Icon*™ wireless thermostat offers the freedom to place your thermostat without the constraints of wires in the wall. The thermostats minimalistic design makes them fade away and blend into the surroundings when the display is not active.


The Danfoss *Icon*™ wireless thermostats offer the following features:

- Touch user interface
- Infrared floor sensor (only on IR version)
- UV resistant plastic to reduce yellowing over time
- Temperature limiting (between 5 and 35 °C)
- Possibility to deselect cooling for specific room
- Dual heat emitter (e.g. radiator and floor heating in same room)

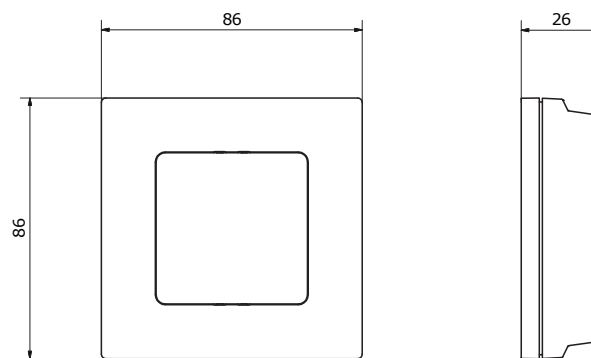
Ordering

Product	Code number
Danfoss <i>Icon</i> ™ Room Thermostat, Wireless Display On-wall	088U1081
Danfoss <i>Icon</i> ™ Room Thermostat, Wireless Infrared On-wall	088U1082

Tecnical data

Purpose of control	Room thermostat for room temperature control
Ambient temperature range, continious use	0 to + 40 °C
Frequency	869 MHz
Transmission power	<2.5 mW
Encapsulation (IP Class)	IP 21
Supply voltage	2 x 1.5 V AA-Alkaline batteries
Conformity declared acc. to following directives	RED, RoHS, WEEE
Protection class	Class III
Type	Electronic thermostat with touch user interface
User interface	Capacitive touch and shine through display
Display type	Hybrid: red single LED's and custom segment
Display features	Switches OFF after 10 sec. with no interaction
Ambient temperature, storage	-20 to 65 °C
Controller, type	Adjustable Pulse Width Modulation
Sensor, floor (optional)	NTC 47 kΩ, 3 m, IP 68
Shell material	White parts: PC ASA Grey parts: PC, 10% glass
ErP class	 (2%)
Approval	CE, RohS, WEEE
Colour	White RAL9010 / Dark Grey RAL7024
Battery lifetime	2 years
Transmission range	Up to 30 m

Drawings



Danfoss *Icon*™ Wireless Room Thermostat

Danfoss A/S

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