

Data Sheet

Danfoss Icon2™ RT

Description



Danfoss Icon2™ Sensor 088U2120



Danfoss Icon2™ RT 088U2121



Danfoss Icon2™ Featured RT
(IR sensor) 088U2122

Danfoss Icon2™ RT is a series of wireless thermostats that offers the freedom to place your thermostat without the constraints of wires in the wall. The fade away feature, together with the minimalistic design, only 16 mm deep, gives it elegance and makes it blend in with the surroundings.

The Icon2™ RT is Zigbee 3.0 certified and be integrated with compatible smart home solutions.

The Danfoss Icon2™ wireless thermostats offer the following features:

- Touch user interface
- Infrared floor sensor (only on IR version)
- UV resistant plastic to reduce yellowing
- Temperature limiting (between 4 °C and 35 °C)
- Possibility to deselect cooling for specific room
- Dual heat emitter (e.g. radiator and floor heating in same room)
- rH measurement

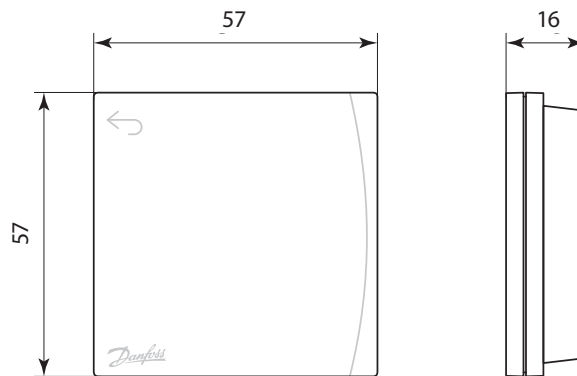
Ordering

Product	Code number
Danfoss Icon2™ Sensor	088U2120
Danfoss Icon2™ Room Thermostat	088U2121
Danfoss Icon2™ Featured Room Thermostat	088U2122

Technical data

Purpose of control	Room thermostat for room temperature control
Ambient temperature range, continuous use	0 °C to 40 °C
Frequency	2,4 GHz (Zigbee)
Transmission power	<10 mW
Encapsulation (IP Class)	IP 20
Supply voltage	2 × 1,5 V AAA-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 features	Switches OFF after 10 sec. with no interaction
Ambient temperature, storage	-20 °C to +65 °C
Shell material	White parts: PC ASA
Approval	CE, RoHS, WEEE
Colour	White RAL9016
Battery lifetime	2 years
Transmission range	Up to 30 m
Temperature measurement accuracy	Range 5-15 °C: +/- 1K Range 15-25 °C: +/- 0,6K Range 25-35 °C: +/- 1K

Drawings



Danfoss Icon2™ RT

Danfoss A/S

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