

Data Sheet

Danfoss Icon™ 24 V thermostat

Description



Danfoss Icon™ Room Thermostat 088U1050

21.5°

Danfoss Icon™ Room Thermostat 088U1055

Danfoss *Icon*™ 24 V thermostat offers a minimalistic design that makes them fade away and blend into surroundings when the display is not active. The thermostats uses powerline communication which makes installation very easy.

Danfoss *Icon*™ offers the following features:

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

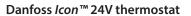
Ordering

Product	Code number
Danfoss <i>Icon</i> ™ Room Thermostat, 24 V Display In-wall, 80x80	088U1050
Danfoss <i>Icon</i> ™ Room Thermostat, 24 V Display In-wall, 86x86	088U1051
Danfoss <i>Icon</i> ™ Room Thermostat, 24 V Display In-wall, CH, 88x88	088U1052
Danfoss <i>Icon</i> ™ Room Thermostat, 24 V Display On-wall, 86x86	088U1055

Accessories

Description	Code number
Danfoss <i>Icon</i> ™ Floor Sensor for 24 V and 230 V	088U1110

VDMCE102 © Danfoss | FEC | 2018.12 | 1





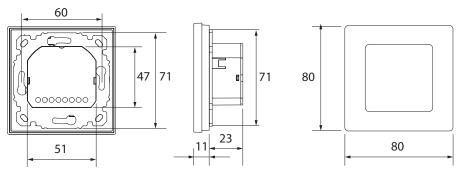
Tecnical data

Purpose of control	Room thermostat for room temperature control
Ambient temperature range, continious use	0 °C to +40 °C
Encapsulation (IP Class)	IP 21
Supply voltage	24 VDC
Conformity declared acc. to following directives	EMC, RoHS, WEEE
Protection class	Class III
External sensor	NTC type, 47 k @ 25 °C (Optional, 088U1110)
Туре	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 °C to +65 °C
Controller, type	Adjustable Pulse Width Modulation
Power consumption	0,2 W
Sensor, floor (optional)	NTC 47 kΩ, 3 m, IP 68
Shell material	White parts: PC ASA Grey parts: PC, 10% glass
ErP class	ErP (2%)
Colour	White RAL9010 / Dark Grey RAL7024

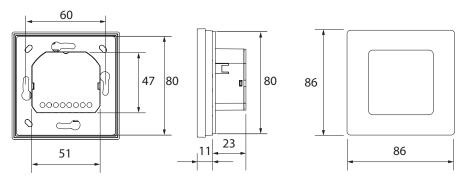
2 | © Danfoss | FEC | 2018.12 VDMCE102



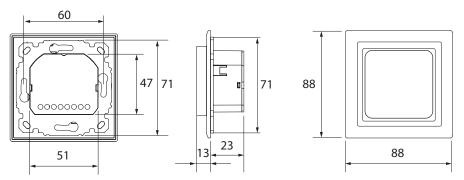
Dimensions



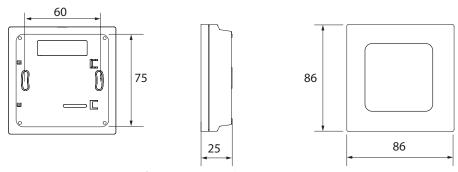
Danfoss *Icon*™ Room Thermostat 088U1050



Danfoss *Icon*™ Room Thermostat 088U1051



Danfoss *Icon*™ Room Thermostat 088U1052



Danfoss *Icon*™ Room Thermostat 088U1055



Danfoss A/S

Heating Segment ● heating.danfoss.com ● +45 7488 2222 ● E-Mail: heating@danfoss.com

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed.

All trademarks in this material are property of the respective companies. Danfoss and all Danfoss logotypes are trademarks of Danfoss A/S. All rights reserved.