



RET1000 and RET2000

High performing, energy saving electronic room thermostats

80+ years

of innovation

Constantly innovating since 1933, Danfoss is a name you can trust to bring you the best in modern controls technology.



Intelligent Room Thermostats RET1000 and RET2000

RET1000 Models

RET1000 smart room thermostats combine a sleek modern design with high performing energy saving controls.

The well-proportioned dial and clear temperature scale makes setting easy, including an easy to set upper and lower temperature limiting feature.

All RET1000 thermostats include stylish backlit LED icons providing clear indication of power and output status.

As well as standard on/off control the user can select to benefit from chrono-proportional control. Chrono-proportional control significantly improves comfort and generally improves boiler efficiency by optimising water temperature.

RET2000 Models

RET2000 digital room thermostats combine a sleek modern design with high performing energy saving controls.

Incorporating a generous, easy to read display that clearly shows the room temperature and output status of the thermostat. Further enhanced by an inbuilt backlight this thermostat is also ideal for those with poorer eyesight or where the location is dimly lit. Like the RET1000, the RET2000 also benefits from selectable on/off and chrono-proportional control. Chrono-proportional control significantly improves comfort and generally improves boiler efficiency by optimising water temperature.

Additional features include settable upper and lower temperature limits as well as push button lock to avoid tampering. If preferred the temperature display can also be set to show °F.

The RET2000 also has the option to be set as a cooling device, reversing the output logic and including compressor delay settings.



RET1000MS, RET1000M, RET1000B

- Selectable chrono-proportional or On/Off control
- User set upper and lower temperature limits
- Output on indication
- Power indication

RET2000MS, RET2000M, RET2000B

- Selectable chrono-proportional or On/Off control
- User set upper and lower temperature limits
- Output on indication
- Push button lock
- Cooling option with compressor delay
- °C or °F selectable display

Features	RET1000 and RET2000 Room Thermostats		
	RET1000MS	RET1000M	RET1000B
Code No.	087N645200	087N645000	087N645100
	RET2000MS	RET2000M	RET2000B
	087N644200	087N644000	087N644100
Product Line	03		
Type	Dial Thermostat		
Power Supply	230Vac +/-15%, 50/60Hz		2.5 – 3VDC (2xAA batteries)
Output	230Vac	Volt free	
Setting Temperature Range	5-30 °C		
Operating Temperature Range	0-45 °C		
Switch Rating	3A at 230Vac		
Switch Type	SPDT type 1B		
Battery Lifetime	N/A		Min. 2 years
IP Rating	IP20		
On/Off Control	Yes		
Chrono-proportional Control	Yes		
Dimensions (mm)	H84 x W84 x D37		

Product Conversion Tables

New Part	Can Replace
RET1000MS	RET230, RET230L
RET1000M	RET230VF, RET230VF2
RET1000B	New

New Part	Can Replace
RET2000MS	New
RET2000M	RET-M
RET2000B	RET-B, RT51, RET-B-LS

Danfoss Ltd, Ampthill Road, Bedford, MK42 9ER

Tel: 01234 364621 • Fax: 01234 219705 • Web: www.heating.danfoss.co.uk

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