

Easy User Guide

RET2001

Digital Room Thermostat

BC33737015670100en-000101 | 087R1001

www.danfoss.com

Introduction

Fitting room thermostats to control room temperatures can be the simplest way to save energy and increase comfort. Room thermostats control the temperature at which your heating system operates, and in doing so helps save energy by cutting down on wasteful overheating.

Fitting room thermostats also cuts down on heating costs because by turning down the setting by just 1 °C you can cut the heating fuel bill by up to 10 %. Reducing wasteful overheating also helps the environment by reducing harmful emissions.

What is a room thermostat?

The thermostat controls the heating in your home by keeping it at the temperature you have set. Room thermostats switch off the heat when the temperature reaches a set point, and switch it on when it falls below. The heating will not come on if the room temperature is above the room thermostat set temperature.

Remember that turning the thermostat up will not heat the room any faster. The higher the thermostat setting the more gas you will use.

Setting the Temperature

- Press **<** or **>** at any time to change the desired temperature value. SET is shown in the display.
- When releasing the **<** or **>**, the display returns to showing the actual temperature.

Holiday Mode

Holiday Mode selects the Holiday comfort temperature typically when the home is unoccupied.

- Press **M** to enter into Holiday mode and  will be displayed.
- Holiday mode temperature can be set in User settings, option 07.
- Press **M** again to exit Holiday mode.

RET2001 Thermostat



Display and Navigation Details

Symbols	Function description	Symbols	Function description
	Parameter number in setup		Holiday mode
	Room temperature		RF Status (RET2001RF only)
	Temperature indication		Battery low indicator (RET2001B and RET2001RF)
	Set temperature		Power on/off
	Heating active	M	Mode change / option setting
	Frost protect active	< >	Temperature / option setting selectors

Frost Protection Temperature and Reset

- You can switch the thermostat OFF (Standby) by alternately pressing . In OFF (Standby) mode the thermostat is set to a Frost Protection temperature setting and will switch On only if the measured temperature falls below this temperature (5 °C by default).
- The frost protect icon and current temperature will be display.
- At this point if  button is pressed for 10 seconds Continuously then the thermostat will be reset.

User Settings

- Press **M** button for 6 seconds to enter the parameter setting mode. Press **M** for parameter selection and set the parameter range via **<** or **>**. Complete all adjustments.
- To exit press upper part of setting ring, or it will automatically exit after 20 seconds when no button is pressed.

No.	Parameter settings	Settings range	Default
02	Heat control mode	01: On/off load compensation 02: On/off standard	01
04	Temperature limit high	Between low (05) and 35 °C	35 °C
05	Temperature limit low	Between 5 °C and high (04)	5 °C
06	Frost protect temperature	Between 5 °C and 15 °C	5 °C
07	Holiday mode temperature	Between low (05) and high (04)	18 °C
10	RF Pairing (RET2001RF only)	00: RF pairing mode off 01: RF pairing mode on	00

Danfoss A/S

Heating Segment • 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 the Danfoss logo-type are trademarks of Danfoss A/S. All rights reserved.