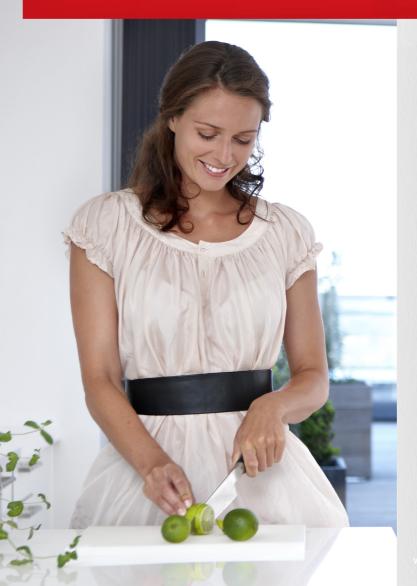
ENGINEERING TOMORROW



User Guide

RET2001

Digital Room Thermostat





User Guide

RET2001 Digital Room Thermostats

1 LCD Overview

Symbols	Function description
88.88	Parameter number
ממימט	in setup
	Room temperature
777°	Temperature indication
1	Set temperature
SET	
(((Heating active
111	

Symbols	Function description
*	Frost protect active
	Away mode
Ī	RF Status (RET2001RF only)
	Battery low indicator (RET2001B & RET2001RF only)



2 Buttons

Symbols	Function description
0	Power on/off
М	Mode change / option setting
<>	Temperature / option setting selectors

3 Power ON/OFF

Turn the thermostat ON or OFF (Standby) by pressing **(**).

4 Setting the Temperature

- Press < or > at any time to change the desired temperature value. **SET** is shown in the display.
- When releasing < or >, the display returns to showing the actual temperature.
- The adjustment step is 0.5 °C.

5 Select Away Mode

- Press **M** to enter Away mode and \square will be displayed.
- Away mode temperature can be set in parameter settings, P07.
- Press M again to exit Away mode.



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6 Frost Protection Temperature and Reset

- You can switch the thermostat OFF (Standby) by alternately pressing (1). 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 displayed.
- At this point, if the \(\text{\text{\$\dagger}}\) button is pressed for 10 seconds Continuously then the thermostat will be reset.

7 Set Control Parameters

- 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 wait 20 secs for automatic exit.

The digits indicate the set value as follows:

No.	Parameter settings	Settings range	Default	
P02	Heat control mode	01: On/off load compensation 02: On/off standard	01	
P04	Temperature limit high	Between low (P05) and 35 °C	5 °C 35 °C	
P05	Temperature limit low	Between 5 °C and high (P04)	5 °C	
P06	Frost protect temperature	Between 5 °C and 15 °C	5 °C	
P07	7 Away mode temperature Between low (P05) and high (P04)		18 °C	
P10	RF Pairing (RET2001RF only)	00: RF pairing mode off 01: RF pairing mode on	00	

8 Error Messages

E1	Sensor failure
EE	EEPROM failure
Lo	Measured temperature below 0 °C
Hi	Measured temperature above 50 °C
E3	RF Pairing failed
E4	RF Signal lost





Danfoss Limited

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