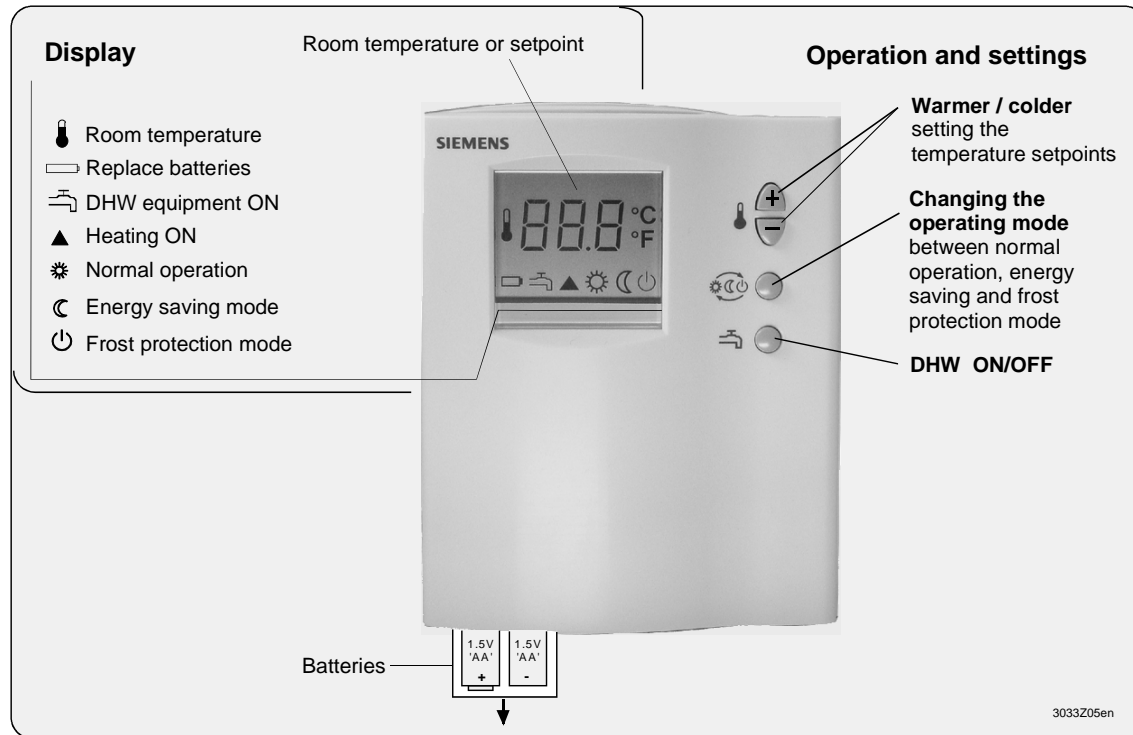


## en Operating Instructions

### RDD10.1DHW

RDD10.1DHW is a temperature controller that allows you to set the ideal room temperature at the time you want and with independent control of DHW (Domestic Hot Water). There are 3 operating modes available. You can either rely on the factory settings or make settings that suit your personal needs.







### Commissioning


The controller is supplied with factory-set temperatures and operating mode. To commission it, proceed as follows:

Remove the black transit tabs from the 2 batteries. Check to see if the battery holder is in its correct position. The controller switches itself on.

### Do you want to change the operating mode?




By pressing , you can change the operating mode. The sequence is started from normal operation, energy saving mode and frost protection, or vice versa. Then, the setpoint of the selected operating mode will be maintained.

In normal operation, the display shows , in energy saving mode, the display shows , and in frost protection mode, the display shows .


Default operating mode is "Normal operation". When the unit is first powered up, the display shows .

### Are your rooms too warm or too cold?



To increase or decrease the room temperature setpoint in increments of 0.5 °C, proceed as follows:

- Press  to select the operating mode corresponding to the set point that you want to change
- Press  or  once
  - The setpoint display starts flashing
- Press these buttons again to change the temperature setpoint in the range 5 ... 35 °C

5 seconds after the last push, the new temperature setpoint will automatically be saved. The display stops flashing and shows the room temperature currently measured.

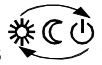
**Note:** The setpoint in energy saving mode can be set to 0 °C. This means **OFF** or, in other words, the controller is not active in energy saving mode and symbol  will not appear on the display.

**Risk of frost!**

If you want to have frost protection, press  to select frost protection mode, the display shows  and default value is 5 °C. If the room temperature falls below the preset frost protection level, it will automatically activate the heating output.





## Energy saving tips without sacrificing comfort



- Never allow room temperatures to exceed 21 °C
- Press  to change to energy saving or frost protection mode, even if you are absent for short periods of time only
- Air out the rooms for short periods of time only, but properly, with the windows wide open

## Do you want to switch on DHW heating?

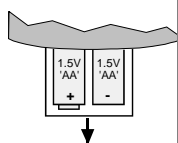


- Press  to switch on DHW heating
- When DHW heating is switched ON, the display shows the  symbol
- When pressing  once again, DHW heating will be switched OFF and the displays will not show the  symbol

## Does the symbol appear on the display?



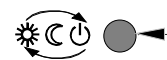
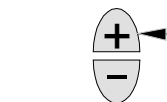
When this symbol appears, you need to replace the batteries within the following 2 weeks.



### Do you want to change the batteries?

- Get 2 new alkaline batteries type AA, 1.5 V
- Remove the battery holder, then the batteries, insert the new batteries and replace the battery holder
- Make certain the old batteries are disposed of properly, in compliance with environmental requirements

## Recalibrating the sensor



If the room temperature displayed by the controller does not match the temperature effectively measured, the temperature sensor can be recalibrated.

Follow the steps below to recalibrate the sensor:

1. In normal operation, press the “+” and operating mode changeover buttons simultaneously for more than 3 seconds, switching the system to calibration mode.
2. The display format in calibration mode is the same as in normal or energy saving mode, but with the temperature digits flashing at 1Hz. You can adjust the temperature to the desired value with the “+” or “-” button at 0.5 K per step. The maximum adjustable range is +/- 3 K.



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3. If no button is pressed for 5 seconds, the system will return to the initial operating mode and the temperature is set to the new value.

Note that the operating mode changeover and DHW buttons are deactivated in calibration mode.