












Energy-efficient heating using the RVD26... district heating controller

en Operating instructions

Switch on heating



1. Is the heating system ready for operation? Check the main power switch.
2. Check both date and time.
3. Press  for automatic mode.

Set date and time






Press	Display	Press	... to adjust date and time
	13	 	Time of day
	14	Non-adjustable	Weekday (1 = Monday, 2 = Tuesday, etc.)
	15	 	Date (e.g. 02.12 for December 2)
	16	 	Year

Heat while in automatic mode

Automatic mode controls the room temperature as per the entered heating program.



1. Press  to select the desired heating circuit 1 or 2 (corresponding LED is lit).
2. Press  (button is lit).

Meaning of information displayed

Bar lit below ...	Meaning
	Maintain nominal room temperature (setting knob used for setting)
	Maintain reduced room temperature
Display	Meaning
	Maintain frost protection temperature
ECO	No heating required at this time based on outside air temperature or the set heating period
	Limitation active
BUS	Controller connected to data bus
	Solar d.h.w. heating



Heat continuously

Continuous mode maintains a constant temperature set via the setting knob.

1. Press  to select the desired heating circuit 1 or 2 (corresponding LED is lit).
2. Press  (button is lit).
3. Use the setting knob to set the desired room temperature (top=heating circuit 1, bottom=heating circuit 2).







Unspecified absence

Set the heating circuit or system to protection mode. Heating is off, but the system is protected against frost.



1. Press  to select the desired heating circuit 1 or 2 (corresponding LED is lit).
2. Press  (button is lit).

Provide domestic hot water


Set the desired temperatures:

Press	Display	Press	... to adjust the desired temperature
	41	 	Normal d.h.w. temperature
	42	 	Reduced d.h.w. temperature


There are two ways to provide d.h.w.:











1. Provide d.h.w. using a scheduler program.
 - Press  (button is lit). D.h.w. is provided as scheduled.
2. Provide domestic hot water immediately.
 - Press  for 3 seconds (button is flashing for 3 seconds for confirmation).

All d.h.w. settings apply to both heating circuits!


D.h.w. is provided via solar panel if your system is set up accordingly. Symbol  indicates solar d.h.w. heating.

Set room temperatures

1. Press  to select the desired heating circuit 1 or 2 (corresponding LED is lit).
2. Use the setting knob to set the desired nominal room temperature. The setting is active:
 - In automatic mode during the heating periods entered in the heating program.
 - Always in continuous mode.
3. Use the buttons to set the remaining temperatures as well as the heating curve:

Press	Display	Press	... to adjust the desired temperature
	1	Non-adjustable	Display of current temperature setpoint
	2	 	Reduced room temperature
	3	 	Room temperature for holidays/frost protection
	5	 	Heating curve slope

Adjust room temperature (up or down)

Press  to select the desired heating circuit 1 or 2 (corresponding LED is lit).

Primarily for mild weather:

Use the setting knob to adjust the room temperature.

Primarily for cold weather:

Adjust the heating curve slope on operating line 5.

- Room temperature too high: Reduce slope by ca. 0.05.
- Room temperature too low: Raise slope by ca. 0.05.

Primarily at night:

Adjust the reduced room temperature on operating line 2.

Wait for two days after each adjustment to allow the controlled system to adapt!

Continued on back page

Read temperatures



- Press to select the desired heating circuit (corresponding LED is lit; outside and d.h.w. temperature are acquired independent of the heating circuit) to display both room temperature and heating circuit flow temperature.
- Select the desired temperature.

Press	Display	... to read the temperature in °C
	24	Room temperature
	25	Outside air temperature
	26	Domestic hot water temperature
	27	Heating circuit flow temperature

Change heating periods



- Press to select the desired heating circuit 1 or 2 (corresponding LED is lit).
- Select the weekday to change heating periods:

Press	Display	Press	... to adjust the day or the entire week
	6		1 = Monday 2 = Tuesday, etc. 1-7 = Entire week

- Enter the desired times for the heating periods for the selected day:

Press	Display	Press	... to adjust beginning and end of the heating periods
	7		Start of 1 st heating period
	8		End of 1 st heating period
	9		Start of 2 nd heating period
	10		End of 2 nd heating period
	11		Start of 3 rd heating period
	12		End of 3 rd heating period

Change the d.h.w. scheduler program



Your controller has a second scheduler program. You can change it on operating lines 17 to 23 if assigned to d.h.w. provisioning:

- Select the weekday to change d.h.w. scheduler program:

Press	Display	Press	... to adjust the day or the entire week
	17		1 = Monday 2 = Tuesday, etc. 1-7 = Entire week

- Enter the desired times to activate d.h.w. provisioning for the selected day:

Press	Display	Press	... to adjust beginning and end of the activation periods
	18		Start of 1 st period
	19		End of 1 st period
	20		Start of 2 nd period
	21		End of 2 nd period
	22		Start of 3 rd period
	23		End of 3 rd period

Domestic hot water is heated to the normal temperature (see "Provide domestic hot water", operating line 41) during activation periods. Between periods, d.h.w. is heated to a reduced temperature (operating line 42).

Plan holidays



- Press to select the desired heating circuit 1 or 2 (corresponding LED is lit).
- You can enter data for max. 8 holiday periods per year:

Press	Display	Press	... to select the holiday number and associated data
	31		1 for the 1st holiday period of the current year
	32		Date of first day of holiday for the 1st holiday period
	33		Date of last day of holiday for the 1st holiday period

Prog	Display	Press	...
	31		2 for the 2nd holiday period of the current year
etc.	etc.	etc.	etc.

No d.h.w. is provided if a holiday period is active for both heating circuits.

Heating system not working properly



- Is your system turned on?
- Are all fuses ok in the system?
- Did you change controller settings?
- Flashing operating mode button? If yes, the room unit is overriding the controller mode.
- Valve disengaged from actuator? If yes, re-engage.
- Operating line 50 displays the error number if an error Er is displayed. Contact your local heating engineer for more information.

Troubleshoot control failure



Heating control no longer works as intended:

- Press (manual mode, LED is lit).
- Press to manually adjust the heat supply via the heating circuit valve.

Contact your heating engineer:



Tips to save energy



- Heat rooms to max. 21 °C during the day.
- Air out briefly, but fully open windows to air out.
- Set thermostatic radiator valves to "Frost protection" when rooms are not used.
- No curtains, furniture, etc. in front of radiators.
- Close window shutters, blinds, etc. at night.
- Regularly check your heating energy consumption.