

Energy-efficient heating with RVP36.. heating controllers

en Operating Instructions

Switching on the heating system

1. Is your heating system ready for operation? Check the main switch.
2. Check time of day and date.
3. Press to select the desired heating circuit 1 or 2 (corresponding LED lights up).
4. Press for automatic operation.

Setting the time of day and the date

Press	Display	Press	... to set the time of day and the date
	38		Time of day
	39		Weekday (1 = Monday, 2 = Tuesday, etc.)
	40		Date (e.g. 02.12 for December 2)
	41		Year

Meaning of symbols on the display

Bar lit below ...	Meaning
*	NORMAL room temperature is maintained
*	REDUCED room temperature is maintained
*	Holiday mode

Display	Meaning
*	Frost protection temperature is maintained (protection mode)
ECO *	No heating required at this time, due to outside temperature level
f or j	Limitation active
BUS	Controller connected to data bus
	Solar d.h.w. heating

* Display for heating circuit selected with

Automatic operation

- Automatic operation controls the room temperature as per the entered heating program.
1. Press to select the desired heating circuit 1 or 2 (corresponding LED lights up).
 2. Press .
- If is flashing, the room unit overrides the heating program.

Continuously NORMAL heating

- NORMAL heating maintains continuously the normal room temperature.
1. Press to select the desired heating circuit 1 or 2.
 2. Press .

Continuously REDUCED heating

- REDUCED heating maintains continuously the reduced room temperature.
1. Press to select the desired heating circuit 1 or 2.
 2. Press .

Absent for a certain period of time

- Set the system to standby (protection mode). Heating is switched off, but the plant remains protected against frost.
1. Press to select the desired heating circuit 1 or 2.
 2. Press .

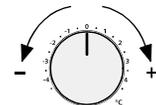
Setting the room temperatures

1. Press to select the desired heating circuit 1 or 2.
2. Use the buttons to set the desired room temperatures:

Press	Display	Press	... to set the desired room temperature
	1		Setpoint for NORMAL heating
	2		Setpoint for REDUCED heating
	3		Setpoint for holiday/protection mode

Rooms are too cold or too warm

1. Rooms are too cold / too warm **irrespective of weather conditions:**
Readjust the room temperature using the setting knob at the top for heating circuit 1 and the setting knob at the bottom for heating circuit 2.
 - Room temperature too low:
Turn setting knob toward +
 - Room temperature too high:
Turn setting knob toward -



2. Rooms are too cold / too warm **in mild weather:**
 - Press to select the desired heating circuit 1 or 2
 - Readjust the heating curve as follows:

Press	Display	Press	... to readjust the flow temp. setpoint at an outside temp. of 15 °C
	14		Rooms are too cold: Increase by about 5 °C Rooms are too warm: Decrease by about 5 °C

3. Rooms are too cold / too warm **in cold weather:**
 - Press to select the desired heating circuit 1 or 2
 - Readjust the heating curve as follows:

Press	Display	Press	... to readjust the flow temp. setpoint at an outside temp. of -5 °C
	15		Rooms are too cold: Increase by about 5 °C Rooms are too warm: Decrease by about 5 °C

After each room temperature readjustment, wait 2 days to allow the controlled system to adapt!

Changing the heating phases

1. Press to select the desired heating circuit 1 or 2.
2. Select the weekday whose heating phases you wish to change:

Press	Display	Press	... to change the day or the entire week
	4		1 = Monday 2 = Tuesday, etc. 1-7 = entire week

3. Enter the desired times for the heating phases of the selected day:

Press	Display	Press	... to change start and end of the heating phases
Prog ▽ ▲	5	← +	1st heating phase, start of NORMAL heating
Prog ▽ ▲	6	← +	1st heating phase, end of NORMAL heating
Prog ▽ ▲	7	← +	2nd heating phase, start of NORMAL heating
Prog ▽ ▲	8	← +	2nd heating phase, end of NORMAL heating
Prog ▽ ▲	9	← +	3rd heating phase, start of NORMAL heating
Prog ▽ ▲	10	← +	3rd heating phase, end of NORMAL heating

To deactivate a heating phase, change its start (display 5, 7, 9) until --:-- appears.

Setting the d.h.w. temperatures and providing d.h.w.

D.h.w. can be provided, depending on the settings. Set the required d.h.w. temperatures:

Press	Display	Press	... to set the desired d.h.w. temperature
Prog ▽ ▲	26*	← +	Setpoint for NORMAL d.h.w. temperature
Prog ▽ ▲	27*		Display of current d.h.w. temperature
Prog ▽ ▲	28*	← +	Setpoint for REDUCED d.h.w. temperature

* Only if d.h.w. heating is available

There are 2 ways to provide d.h.w.:

1. To heat the d.h.w. as per scheduler program, press briefly . The d.h.w. is then heated according to the time scheduler set by your heating engineer:

- As per time scheduler 2
- As per heating program
- 24 hours per day
- Check as desired

2. To heat the d.h.w. immediately, press for 3 seconds (button flashes for 3 seconds for confirmation).

D.h.w. is provided via solar collector if your plant is set up accordingly.

Symbol indicates solar d.h.w. heating.

Changing time scheduler 2

Your controller has a second time scheduler. Your heating engineer set it for:

It can be changed as follows:

1. Select the weekday whose times you wish to change:

Press	Display	Press	... to change the day or the entire week
Prog ▽ ▲	31	← +	1 = Monday 2 = Tuesday, etc. 1-7 = whole week

2. Enter the times desired for the ON phases of the selected day:

Press	Display	Press	... to set start and end of the ON phases
Prog ▽ ▲	32	← +	Start of 1st ON phase
Prog ▽ ▲	33	← +	End of 1st ON phase
Prog ▽ ▲	34	← +	Start of 2nd ON phase
Prog ▽ ▲	35	← +	End of 2nd ON phase
Prog ▽ ▲	36	← +	Start of 3rd ON phase
Prog ▽ ▲	37	← +	End of 3rd ON phase

Entering the holiday plan

When entering a holiday period, the room temperature will be reduced to the holiday setpoint (holiday mode) for that period of time.

1. Press to select the desired heating circuit 1 or 2.
2. Set the holiday period as follows:

Press	Display	Press	... to set start and end of the holiday period
Prog ▽ ▲	12	← +	Date of first day (Day.Month)
Prog ▽ ▲	13	← +	Date of last day (Day.Month)

- D.h.w. is not heated during active holiday periods
- When the holiday period is over, the respective data are deleted
- Holiday periods can be deactivated by changing the date of the first day 12 until --:-- appears

Your heating system does not work properly

- Is your heating system turned on?
- Are all fuses in the plant ok?
- Did you change controller settings?
- Does the operating mode button flash? If yes, the room unit is overriding the controller's operating mode
- Has the actuator been disengaged from the valve? If yes, reengage
- If Er (error) is displayed, operating line 50 shows the error number and contact your heating engineer for more information

Troubleshooting

Your heating system no longer works as intended:

1. Press (manual control, LED lights up).
2. Press to select the desired heating circuit 1 or 2.
3. Press to manually adjust the supply of heat via the heating circuit valve.
4. Contact your heating engineer.

Tips to save energy!

- During the day, do not allow room temperatures to rise above 21 °C
- Air rooms only briefly with windows fully open
- In unoccupied rooms, set the thermostatic radiator valves to the frost protection position
- Make certain that there are no curtains, furniture, etc., in front of the radiators
- Close window shutters, blinds, etc. at night
- Do not set the d.h.w. temperature higher than the required level