



SIEMENS

Energy-efficient heating with the RVP33... heating controller



en Operating Instructions


You want to switch the heating on

1. Check the time of day, the date and the weekday.
2. Select the required heating circuit with  (1 or 2; the assigned lamp lights up).
3. Press button  for automatic mode.

You want to heat in automatic mode



In the automatic mode, the heating program switches between the normal and the reduced temperature.

1. Select the required heating circuit with .
2. Press button .

If button  flashes, the room unit or an external contact overrides the controller's heating program.



You want to continuously maintain the NORMAL temperature

The normal temperature is maintained 24 hours a day.

1. Select the required heating circuit with .
2. Press button .



You want to continuously maintain the REDUCED temperature

The reduced temperature is maintained 24 hours a day.




1. Select the required heating circuit with .
2. Press button .


You want to switch the heating off

In the standby mode, the heating is continuously shut down, but remains protected against frost (frost protection temperature).

1. Select the required heating circuit with .
2. Press button .


Meaning of info given on the display

Bar under... is lit	Meaning
	* Normal room temperature is maintained
	* Reduced room temperature is maintained
	* Holiday mode

Display shows ...	Meaning
	* Heating off (holiday / frost protection temperature is maintained)
ECO	* No heating required according to the outside temperature
Er	Fault has occurred
BUS	Controller is connected to the data bus
J or F	Limitation active
OFF	Button pressed is inactive


* Display applies to the heating circuit selected with .

You want to provide d.h.w.









If button  is lit, d.h.w. is available at the following times, depending on the setting made by your heating engineer:

- According to switching program 2
- According to the heating programs for heating circuit 1 and heating circuit 2
- 24 hours a day

(Mark with cross as required)

If you require d.h.w. immediately, press button  until it flashes.


You need to set the clock / the date













Press ...	Display	Readjust with...	... the time of day, weekday, date and year
	38		Time of day (Hour:Minute)
	39		Weekday (1 = Monday, 2 = Tuesday, etc.)
	40		Date (e.g. 02.12., which means December 2)
	41		Year

To terminate the setting mode: press the required operating mode button.

You want to readjust the temperatures

You can readjust the required temperatures as follows, using the buttons:

1. Select the required heating circuit with .
2. Readjust the required temperatures as follows:



Press ...	Display	Press to adjust the required temperature
	01		Room temp. setpoint of NORMAL heating 
	02		Room temp. setpoint of REDUCED heating 
	03		Room temp. setpoint of holiday / frost protection mode 
	26		Setpoint of the d.h.w. temperature 

* If d.h.w. heating is used


To terminate the setting mode: press the required operating mode button.



Your rooms are too cold or too warm

Always too cold / warm:


Readjust the room temperature with the upper setting knob  for heating circuit 1 and with the lower setting knob  for heating circuit 2. Their scales give the change of the room temperature in °C.



Too cold / too warm in mild weather:

1. Select the required heating circuit with .
2. Readjust the assigned heating curve as follows:

Press ...	Display	Readjust with the flow temperature at +15 °C
	14		Rooms too cold: raise by about 5 °C Rooms too warm: lower by about 5 °C

Too cold / too warm in cold weather:

1. Select the required heating circuit with .
2. Readjust the assigned heating curve as follows:

Press ...	Display	Readjust with the flow temperature at -5 °C
	15		Rooms too cold: raise by about 5 °C Rooms too warm: lower by about 5 °C

Each time you make a room temperature readjustment, wait two days. The controlled system requires time to adapt!

To terminate the setting mode: press the required operating mode button.

You want to change the heating program

1. Select the required heating circuit with
2. Select the weekday whose heating periods you want to change:

Press...	Display	Press...	... to select the weekday or the entire week
	04		1 = Monday 2 = Tuesday, etc. 1-7 = entire week

3. For the selected weekday, enter the times required for the heating periods:

Press...	Display	Press to adjust the start and the end of the heating periods
	05		Start of first heating period
	06		End of first heating period
	07		Start of second heating period
	08		End of second heating period
	09		Start of third heating period
	10		End of third heating period

To deactivate a heating period, its start (05) or (07) or (09) must be readjusted until the display shows --:--).

To terminate the setting mode: press the required operating mode button.

You want to change «Switching program 2»

Your controller has a second switching program (depending on the type of controller). Your heating engineer has set it for It can be changed as follows:

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

Press ...	Display	Press to select the weekday or the entire week
	31		1 = Monday 2 = Tuesday, etc. 1-7 = entire week

2. For the selected weekday, enter the times required for the «ON periods»:

Press ...	Display	Press to set the start and the end of the «ON periods»
	32		Start of first «ON period»
	33		End of first «ON period»
	34		Start of second «ON period»
	35		End of second «ON period»
	36		Start of third «ON period»
	37		End of third «ON period»

To terminate the setting mode: press the required operating mode button.

You want to go on holiday

By entering a holiday period, the room temperature will be maintained at the reduced holiday temperature setpoint.

1. Select the required heating circuit with .
2. Set the dates of your holidays as follows:

Press ...	Display	Press to set the start and the end of your holidays
	12		First day of the holiday period (Day. Month)
	13		Last day of the holiday period (Day. Month)

- To deactivate the holiday period, the date of the first day of the holiday period (12) must be readjusted until the display shows --:--
 - On completion of the holiday period, its dates will be cleared
 - During the holiday period, d.h.w. will not be provided
- To terminate the setting mode: press the required operating mode button.

You want to get information

Press ...	Display	Info
		Time of day (Hour:Minute)
	0	Outside temperature in °C
	1	Flow temp. heating circuit 1 in °C
	2	Room temp. heating circuit 1 in °C
	3	D.h.w. temperature in °C
	4	Flow temp. heating circuit 2 in °C
	5	Room temp. heating circuit 2 in °C

The info selected last is maintained on the display.

Your heating system does not operate as required

- Check the fault messages. If a fault occurs in the controlled system, the display shows **Er** (Error) and an error code.

Press ...	Display	... to read the error code
	50	10 (example)

Contact your heating engineer and give him the error code.

- Are all fuses of the plant in order?
- Have settings on the controller been changed?
- Is there enough fuel in the tank?
- Has the valve been disengaged? If yes, engage it again

The controlled system has become defective – what to do

If the proper functioning of your heating control system is no longer ensured, proceed as follows:

1. Press button (manual operation, button will light up).
2. Select the required heating circuit with .
3. Regulate manually the supply of heat via the heating circuit valve using buttons (opening) and (closing).

Inform your heating engineer!

Do you know these energy saving tips

- During the day, do not allow room temperatures to exceed 21 °C
- Air rooms for short periods of time only, with the windows fully open
- In unoccupied rooms, set the thermostatic radiator valves to their frost protection position
- Make certain there are no curtains, furniture, etc., in front of the radiators
- Close shutters and blinds whenever possible
- Check heat consumption at regular intervals