






## Control parameters

If you want to change the control parameters, proceed as follows:

 <b>+ / -</b>	<ol style="list-style-type: none"> <li>1. Set the thermostat to Frost Protection mode .</li> <li>2. Press <b>+</b> and <b>-</b> simultaneously for at least 3 seconds. Release the buttons and, within 2 seconds, press <b>-</b> again for 7 seconds. The display will show "P02".</li> <li>3. Select the required parameter by repeatedly pressing <b>+</b> or <b>-</b>.</li> <li>4. Press <b>+</b> and <b>-</b> simultaneously. The current value of the selected parameter starts to flash. Adjust it by pressing <b>+</b> or <b>-</b>.</li> <li>5. Press <b>+</b> and <b>-</b> simultaneously again to display the next parameter.</li> <li>6. If you wish to display and change additional parameters, repeat steps 3 through 5.</li> <li>7. Service or expert level: 10 seconds after the last display or setting, all changes are stored and the thermostat will leave the parameter setting mode. Expert level: Press <b>+</b> or <b>-</b> until "End" is displayed. Then, press <b>+</b> and <b>-</b> simultaneously to save the change and exit the parameter setting mode.</li> </ol>
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No.	Thermostat's parameter	Factory setting	Setting range	
P02	Selection of operating mode via operating mode button 	1 = Frost Protection - Comfort mode	<b>RDD310/EH:</b> 1 = Comfort - Frost Protection 2 = Comfort - Economy - Frost Protection  <b>RDE410/EH:</b> 1 = Auto - Comfort - Frost Protection 2 = Auto - Comfort - Economy - Frost Protection	
P05	Temperature sensor calibration	0.0 °C	-3...3 °C	
P06	Standard temperature display	0 = Room temperature	0 = Room temperature 1 = setpoint	
P08	Comfort basic setpoint	20 °C	5...40 °C	
P09	Min. setpoint limitation in Comfort mode (W <sub>minComf</sub> )	5 °C	5...40 °C	
P10	Max. setpoint limitation in Comfort mode (W <sub>maxComf</sub> )	35 °C	5...40 °C	
P11	Heating setpoint in Economy mode	16 °C	Off, 5...18 °C	
P14	Button lock (press operating mode button  for 3 seconds to lock or unlock)	0 = Disabled	0 = Disabled 1 = Auto lock 2 = Manual lock	
P30	Switching differential in heating mode	1 K	0.5...6 K	
P38	External input	0	0 = No input 1 = External sensor input	
P45	Heating system load in kW	2.8 kW	0...3.6 kW	
P51	Floor heating temperature limit	Off	Off, 10...60 °C	
P65	Setpoint of heating in Frost Protection mode (W <sub>heatStb</sub> )	8 °C	Off, 5...18 °C	
P69	Temporary setpoint in Comfort mode	Off	Off = Disabled On = Enabled	
P71	Reloading factory settings Set value to "On" and confirm by pressing <b>+</b> and <b>-</b>	Off	Off = Idle On = Reset	
d02	Status X1	Diagnostics	0...xx °C = Measured temperature	
d07	Software version information	No adjustment		

(All temperature settings can be made in increments of 0.5 °C with the exception of P51, which is in 1 °C)

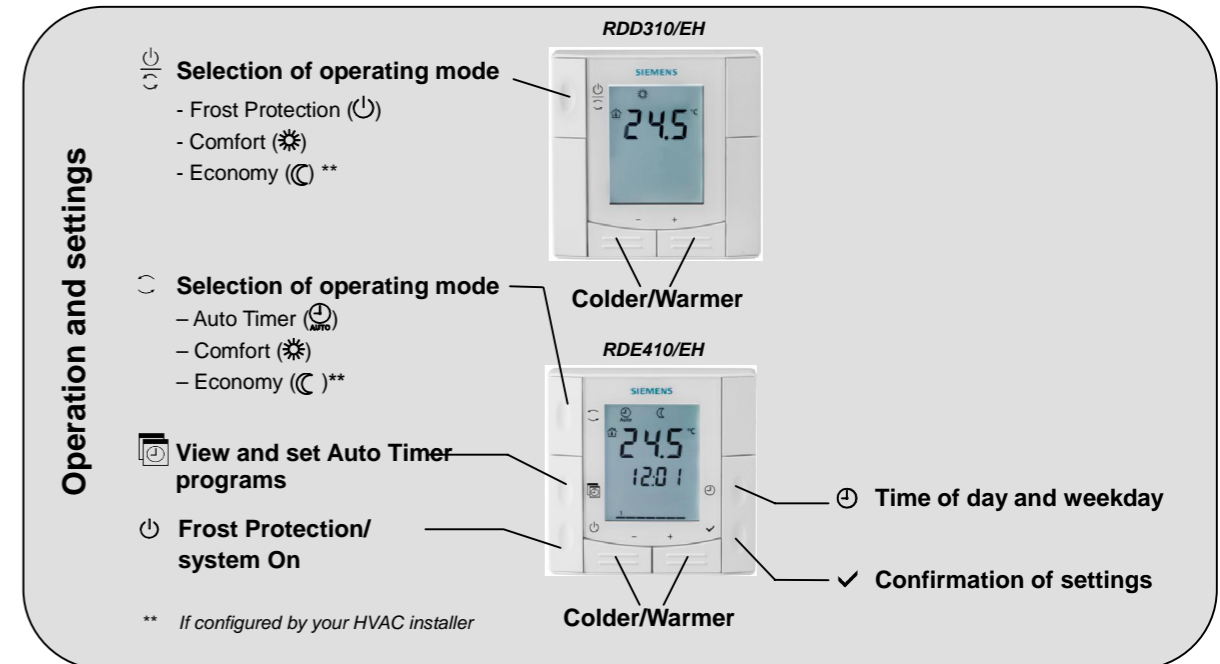
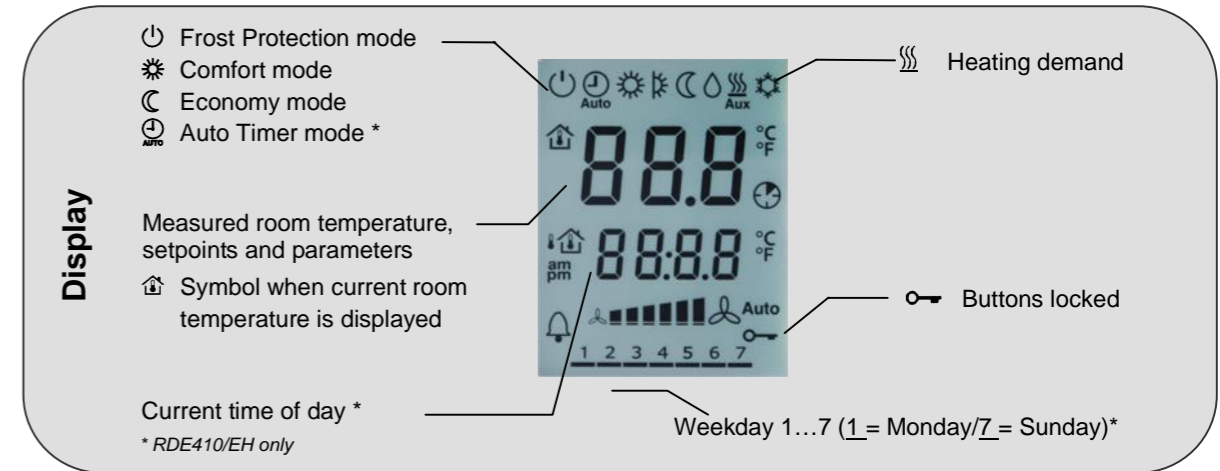
 Please write down all changes you make!




## en Operating Instructions

## RDD310/EH, RDE410/EH





RDD310/EH and RDE410/EH – the room thermostats for use with electrical floor heating systems. The products feature a built-in room sensor to control the room temperature, and the user can connect a cable temperature sensor to limit the maximum floor temperature. The thermostat provides Comfort, Economy and Frost Protection mode. The RDE410/EH also features an Auto Timer with 8 programmable time switches. You can either rely on the factory settings or make adjustments that suit your individual needs.



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

<b>+ / -</b> 	Press <b>+</b> or <b>-</b> to increase or decrease the current room temperature setpoint in increments of 0.5 °C for Comfort mode. 5 seconds after the last push, the room temperature setpoint is automatically saved. The display stops flashing and shows the room temperature currently measured. The maximum setpoint setting range is 5...40 °C, unless limited by parameters P09 and P10.
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### Do you require continuous Comfort mode?

	Press the operating mode button  to switch to Comfort mode  . In that case, the room temperature setpoint is always maintained at the Comfort level. The RDE410/EH has a dedicated  button for selection of the operating mode.
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