

GEBWELL






Gebwell






Terminal UI400

Quick Guide

1. Navigating in the menu

	Turn the knob: Select a symbol from the navigation menu. The symbol selected is highlighted with a dark background in the menu.
	Press the knob = Select the desired icon. The first page of this menu is displayed on screen.
	Return to the main menu with the arrow symbol.

Making changes in the menu:

	Turn the knob: Select the setting you want to adjust.
	Press the knob = Select the desired icon. Scroll down through the menu. The menu may have more settings than can be shown on the display at a given time (for example, the Time program).
	Change the setting.
	Press the knob to confirm the change. The adjusted setting is highlighted with a border.
	Continue navigation. <ul style="list-style-type: none"> • Select the next setting to adjust. • Turn the knob to move to the next menu. • Return to the main menu with the arrow symbol














The items in the menu may have the following operating states:

- Not selected: The item is displayed normally, black on white background.
- Selected: The icon has a border/frame.
- Modified: The icon is displayed with white colour on black background.

Modification timeout	5 seconds	If an adjusted value is not confirmed within 5 seconds of the adjustment, the change is discarded.
Programming timeout	8 min	The screen will return to the normal view in 8 minutes from the last change on the display.

Symbols:

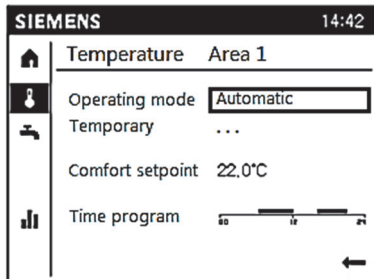
Left side of the operating/display terminal:

Rights for user and expert levels:	
	Home, item details.
	Temperatures, changes to room temperature (heating/cooling)
	Domestic hot water settings
	Info pages: <ul style="list-style-type: none"> • Notifications (alarms, events) • Item details • Energy monitoring
	Service/settings: <ul style="list-style-type: none"> • Setting changes. (heat-up curve, summer/winter switchover limit) • Special settings (service use, alarm acknowledge) • *Expert menu
<i>*For experts and maintenance companies only, requires a password:</i>	
	Diagnostics pages.
	Settings/maintenance: <ul style="list-style-type: none"> • Access to all parameters
	Alarm
	Alarm acknowledgement/requires maintenance
	Notification
	Manual control
	Access rights (1–3)
	Heat source active (compressor)

2. Heating settings

- Operation mode
- Room temperature change
- Time program
- Zone-specific room temperature adjustment

Operation mode



Automatic operation: Recommended mode


This operation mode automatically ensures that the best possible setting is always on (e.g. summer/winter settings).

You can change the setting to continuous protective, comfort or reduced operation by pressing the knob with the desired operation mode selected.

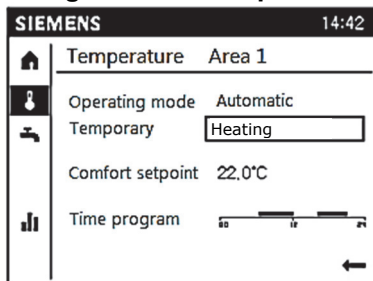
Protective operation: The controller drops the building's setpoint down to the protective level. (factory setting 15°C)

Comfort operation: The controller follows the comfort setpoint in heating regardless of the time. The controller ignores the summer shut-off function while in comfort operation.

Reduced operation: The controller follows the reduced setpoint in heating regardless of the time. The controller ignores the summer shut-off function while in reduced operation.

The heating operation setpoints can be changed in the  menu.

Setting the room temperature



To change the room temperature, go to the *Comfort* setpoint value.

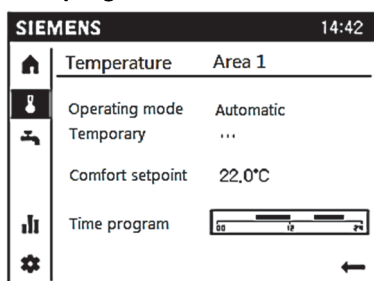
With the desired setpoint selected, press the knob and then select a new value. Press the knob to confirm the new setpoint.

To increase the room temperature, increase the setpoint.

To decrease the room temperature, decrease the setpoint.

A change of one degree corresponds to approximately one degree in room temperature.

Time program



Use time program to reduce the temperature when you are away from home, on holiday or for the night, for example. The time program only works in the Automatic operation mode.

If you want to use the automatic operation mode but want the temperature to stay at comfort level regardless of the time, make a change to the time program.

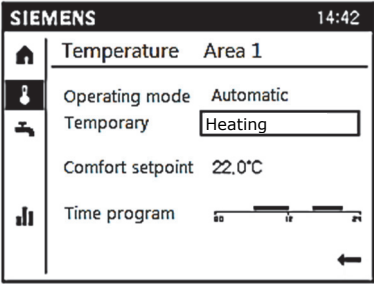
With *Time program* selected, press the knob.

Adjust the time program.

If you want all the weekdays to follow the same time program, use the *Copy* function.

With the time program ON, the controller follows the *Comfort setpoint* in heating. With the time program OFF, the controller follows the *Reduced setpoint*.

Zone-specific room temperature adjustment



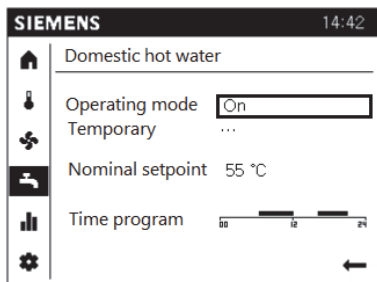
Use the Heating setting to temporarily adjust the zone-specific room temperature (circuit-specific).

The controller will increase the temperature of the selected heating zone (circuit) by one degree. The device will return to the normal state once the setpoint is reached or changes occur in the time program.

3. Setting the domestic water heating

- Domestic hot water operating mode
- Domestic hot water reload with “quick charge”
- Changing the domestic hot water temperature
- Domestic hot water time program

Domestic hot water operating mode

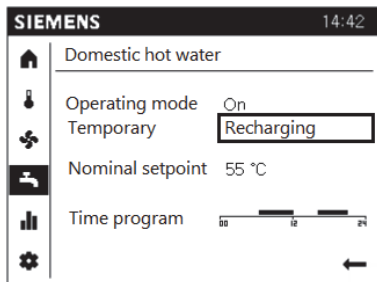


You can turn domestic hot water heating on/off with the *Operating mode* setting.

When the operating mode is ON, the heat pump prepares domestic hot water up to the *Nominal setpoint* set.

When the operating mode is OFF, the heat pump does not prepare domestic hot water.

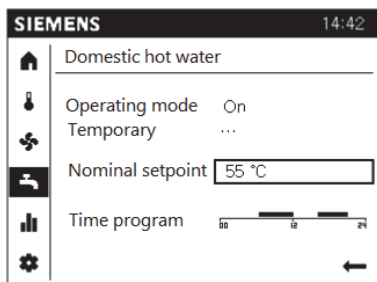
Domestic hot water reload with “quick charge”



If you temporarily need more domestic hot water, use the temporary recharge/quick charge function.

Benefits: No changes to basic settings and the device returns to the basic state once the desired value has been reached.

Changing the domestic hot water temperature

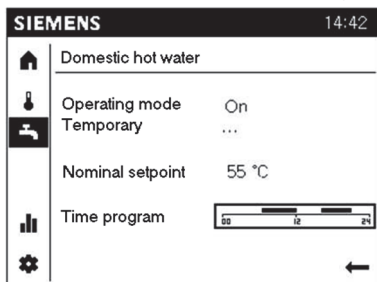


To change the domestic hot water temperature, adjust the *Nominal setpoint*.

To increase the amount of domestic hot water, increase the setpoint value.

To conserve energy, reduce the setpoint value.

Domestic hot water time program



To use the time program for domestic hot water, DHW release must be set in the *Expert* menu (*Time program 4 / DHW*). The instructions for the setting can be found in the *Installation, operation and maintenance manual*.

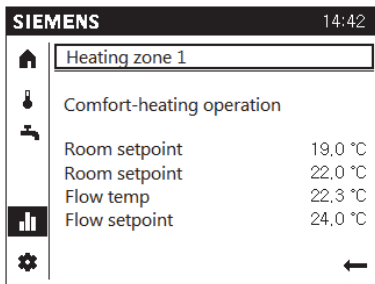
Factory setting: Release 24h/day

With the time program ON, the controller follows the *Nominal setpoint value* for domestic hot water preparation.

With the time program OFF, the controller follows the *Reduced setpoint*.

4. Monitoring the heating system

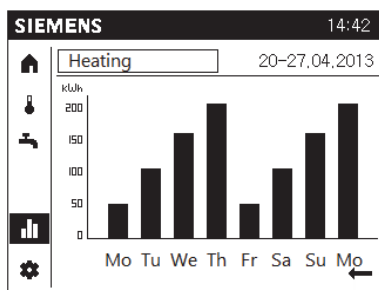
- Heating/cooling zones 1, 2 and 3
- Domestic hot water
- Errors
- Energy monitoring



The Info pages display information related to the system, heating zones, domestic hot water and energy monitoring.

You can see the zone-specific temperatures, status information and setpoint values on the pages.

Energy monitoring



Energy consumption monitoring requires the optional energy meter.

The energy data shows the energy produced and consumed by the heat pump, and the controller shows the annual performance graph.

5. Local settings

SIEMENS 14:42

Regional settings (1/3)

Time 14:42

Date 01.01.2014

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Local settings must be configured during commissioning

- Time and date
- Summer/winter switchover
- Language

6. Special functions

- Heat pump reset
- Emergency operation

Heat pump reset

SIEMENS 14:42

Special operations (1/2)

Reset HP No

Emergency operation Off

Back

Resetting the heat pump will acknowledge alarms and reset the system to the startup state.

By selecting *Reset HP* and setting it to *Yes*, the alarms will be acknowledged and the system will restart when a heating request is active. If the fault persists, refer to rectifying measures in the *Installation, operation and maintenance manual*.

Emergency operation

SIEMENS 14:42

Special operations (1/2)

Reset HP No

Emergency operation On

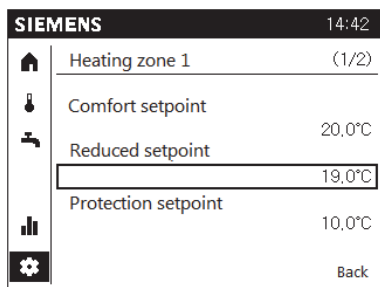
Back

To activate emergency operation, set *Emergency operation* to ON.

Emergency operation runs the device with an electric resistor without running the source pump.

7. Settings

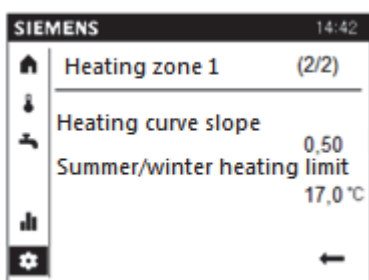
- Heating zone settings



The most important settings for the heating zones can be set in the menu.

When using the device in *automatic* operation, all settings in this menu must be set for each building.

- Comfort, reduced and protection settings
- Heating/cooling curve
- Summer/winter settings



Heating curve:

The heating curve is a setting that must be configured during commissioning. If the gradient needs adjustment during the heating season, make only minor changes.

The greater the slope of the heating curve, the more the output water temperature changes as the outdoor temperature drops. In other words, if the room temperature is incorrect at low outdoor temperatures, but correct at higher temperatures, the inclination must be changed.

Increasing the setting: Increases the output water temperature particularly at low outdoor temperatures.

Reducing the setting: Lowers the output water temperature particularly at high outdoor temperatures.

