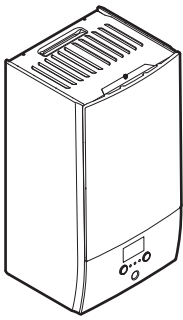




User reference guide

# Daikin Altherma 3 H HT W



UTBX040E ▲6VJ ▼

▲ = 1, 2, 3, ..., 9, A, B, C, ..., Z  
▼ = , , 1, 2, 3, ..., 9

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**DAIKIN COMFORT TECHNOLOGIES MANUFACTURING, INC.**

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# Table of contents

<b>1</b>	<b>About this document</b>	<b>4</b>
1.1	Meaning of warnings and symbols	5
<b>2</b>	<b>User safety instructions</b>	<b>7</b>
2.1	General	7
2.2	Instructions for safe operation	8
2.3	Compliance requirements for WLAN card	9
2.3.1	FCC	9
2.3.2	ISED	10
<b>3</b>	<b>About the system</b>	<b>11</b>
3.1	Components in a typical system layout	11
<b>4</b>	<b>Quick guide</b>	<b>12</b>
4.1	User permission level	12
4.2	Space heating/cooling	13
4.3	Domestic hot water	15
<b>5</b>	<b>Operation</b>	<b>17</b>
5.1	User interface: Overview	17
5.2	Menu structure: Overview user settings	19
5.3	Possible screens: Overview	20
5.3.1	Home screen	20
5.3.2	Main menu screen	22
5.3.3	Setpoint screen	24
5.3.4	Detailed screen with values	25
5.4	Turning operation ON or OFF	25
5.4.1	Visual indication	25
5.4.2	To turn ON or OFF	26
5.5	Reading out information	27
5.6	Space heating/cooling control	27
5.6.1	About space heating/cooling control	27
5.6.2	Setting the <b>Operation mode</b>	28
5.6.3	Determining which temperature control you are using	29
5.6.4	To change the target leaving water temperature	29
5.7	Domestic hot water control	30
5.7.1	About domestic hot water control	30
5.7.2	<b>Reheat mode</b>	31
5.7.3	<b>Scheduled mode</b>	33
5.7.4	Scheduled + reheat mode	33
5.7.5	Using DHW powerful operation	34
5.8	Preset values and schedules	34
5.8.1	Using preset values	34
5.8.2	Using and programming schedules	35
5.8.3	Schedule screen: Example	37
5.9	Outdoor reset curve	41
5.9.1	What is an outdoor reset curve?	41
5.9.2	2-points curve	42
5.9.3	Slope-offset curve	43
5.9.4	Using outdoor reset curves	44
5.10	Other functions	46
5.10.1	To set <b>Time/date</b>	46
5.10.2	Using quiet mode	46
5.10.3	Using vacation mode	47
5.10.4	Using WLAN	48
<b>6</b>	<b>Energy saving tips</b>	<b>51</b>
<b>7</b>	<b>Maintenance and service</b>	<b>52</b>
7.1	Overview: Maintenance and service	52
<b>8</b>	<b>Troubleshooting</b>	<b>54</b>
8.1	To display the help text in case of an error	54
8.2	To check the error history	54
8.3	Symptom: You are feeling too cold (hot) in your living space	54
8.4	Symptom: The water at the tap is too cold	55
8.5	Symptom: Heat pump failure	55

8.6	Symptom: The system is making gurgling noises after commissioning .....	56
<b>9</b>	<b>Relocation</b>	<b>57</b>
9.1	Overview: Relocation .....	57
<b>10</b>	<b>Disposal</b>	<b>58</b>
<b>11</b>	<b>Glossary</b>	<b>59</b>
<b>12</b>	<b>Installer settings: Tables to be filled in by installer</b>	<b>60</b>
12.1	Configuration wizard .....	60
12.2	Settings menu .....	61

# 1 About this document

Thank you for purchasing this product. Please:

- Read the documentation carefully before operating the user interface to ensure the best possible performance.
- Request that the installer inform you about the settings that were used to configure your system. Check if the installer settings tables are filled in. If NOT, ask the installer to do so.
- Keep the documentation for future reference.

## Target audience

End users

## Documentation set

This document is part of a documentation set. The complete set consists of:

- **General safety precautions:**
  - Safety instructions that you must read before installing
  - Format: Paper (in the box of the indoor unit)
- **Operation manual:**
  - Quick guide for basic usage
  - Format: Paper (in the box of the indoor unit)
- **User reference guide:**
  - Detailed step-by-step instructions and background information for basic and advanced usage
  - Format: Digital files on [www.daikincomfort.com](http://www.daikincomfort.com). Use the search function 🔍 to find your model.
- **Installation manual – Outdoor unit:**
  - Installation instructions
  - Format: Paper (in the box of the outdoor unit)
- **Installation manual – Indoor unit:**
  - Installation instructions
  - Format: Paper (in the box of the indoor unit)
- **Installer reference guide:**
  - Preparation of the installation, good practices, reference data, and other information for the installer.
  - Format: Digital files on [www.daikincomfort.com](http://www.daikincomfort.com). Use the search function 🔍 to find your model.

The latest revisions of the supplied documentation may be available on [www.daikincomfort.com](http://www.daikincomfort.com) or via your installer.

The original instructions are written in English. All other languages are translations of the original instructions.

## Skyport Home Mobile App



If set up by your installer, you can use the *Skyport Home* Mobile App to control and monitor the status of your system. For more information, see:

<https://daikincomfort.com/products/cloud-services-apps>



## Breadcrumbs

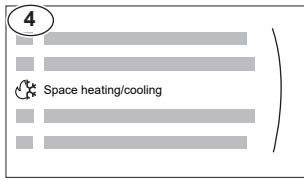
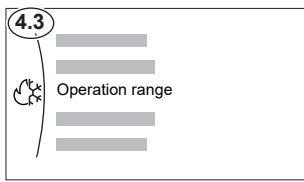
Breadcrumbs (example: **[4.3]**) help you to locate where you are in the menu structure of the user interface.

<b>1</b>	To <b>enable</b> the breadcrumbs: In the home screen or main menu screen, press the help button. The breadcrumbs appear in the top left corner of the screen.	?
<b>2</b>	To <b>disable</b> the breadcrumbs: Press the help button again.	?

This document also mentions these breadcrumbs. **Example:**

<b>1</b>	Go to <b>[4.3]: Space heating/cooling &gt; Operation range</b> .	
----------	--	--

This means:

<b>1</b>	Starting from the home screen, turn the left dial and go to <b>Space heating/cooling</b> .	
		
<b>2</b>	Press the left dial to enter the submenu.	
<b>3</b>	Turn the left dial and go to <b>Operation range</b> .	
		
<b>4</b>	Press the left dial to enter the submenu.	

## 1.1 Meaning of warnings and symbols



### DANGER

Indicates a situation that results in death or serious injury.







### DANGER: RISK OF ELECTROCUTION



Indicates a situation that could result in electrocution.

	<b>DANGER: RISK OF BURNING/SCALDING</b> Indicates a situation that could result in burning/scalding because of extreme hot or cold temperatures.
	<b>DANGER: RISK OF EXPLOSION</b> Indicates a situation that could result in explosion.
	<b>WARNING</b> Indicates a situation that could result in death or serious injury.
	<b>WARNING: FLAMMABLE MATERIAL</b>
	<b>CAUTION</b> Indicates a situation that could result in minor or moderate injury.
	<b>NOTICE</b> Indicates a situation that could result in equipment or property damage.
	<b>INFORMATION</b> Indicates useful tips or additional information.

Symbols used on the unit:

Symbol	Explanation
	Before installation, read the installation and operation manual, and the wiring instruction sheet.
	Before performing maintenance and service tasks, read the service manual.
	For more information, see the installer and user reference guide.
	The unit contains rotating parts. Be careful when servicing or inspecting the unit.

Symbols used in the documentation:

Symbol	Explanation
	Indicates a figure title or a reference to it. <b>Example:</b> "▲ 1-3 Figure title" means "Figure 3 in chapter 1."
	Indicates a table title or a reference to it. <b>Example:</b> "■ 1-3 Table title" means "Table 3 in chapter 1."

## 2 User safety instructions

Always observe the following safety instructions and regulations.

### 2.1 General



#### **WARNING**

If you are NOT sure how to operate the unit, contact your installer.



#### **WARNING**

Only personnel that have been trained to install, adjust, service, maintain or repair (hereinafter, "service") the equipment specified in this manual should service the equipment.

This equipment is NOT intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do NOT play with the equipment.

The manufacturer will NOT be responsible for any injury or property damage arising from improper supervision, service or service procedures. If you service this unit, you assume responsibility for any injury or property damage that may result. In addition, in jurisdictions that require one or more licenses to service the equipment specified in this manual, only licensed personnel should service the equipment. Improper supervision, installation, adjustment, servicing, maintenance or repair of the equipment specified in this manual, or attempting to install, adjust, service or repair the equipment specified in this manual without proper supervision or training may result in product damage, property damage, personal injury or death.



#### **WARNING**

Do NOT bypass safety devices.



**WARNING**

To prevent electric shocks or fire:

- Do NOT rinse the unit.
- Do NOT operate the unit with wet hands.
- Do NOT place any objects containing water on the unit.



**CAUTION**

- Do NOT place any objects or equipment on top of the unit.
- Do NOT sit, climb or stand on the unit.

- Units are marked with the following symbol:



This means that electrical and electronic products may NOT be mixed with unsorted household waste. Do NOT try to dismantle the system yourself: dismantling the system, treatment of the refrigerant, of oil and of other parts MUST be done by an authorized installer and MUST comply with applicable codes.

Units MUST be treated at a specialized treatment facility for reuse, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health. For more information, contact your installer or local authority.

## 2.2 Instructions for safe operation



**WARNING: MILDLY FLAMMABLE MATERIAL**

The refrigerant inside this unit is mildly flammable.



**WARNING**

The appliance shall be stored so as to prevent mechanical damage and in a well-ventilated room without continuously operating ignition sources (example: open flames, an operating gas appliance or an operating electric heater).





**WARNING**

- Do NOT pierce or burn refrigerant cycle parts.
- Do NOT use cleaning materials or means to accelerate the defrosting process other than those recommended by the manufacturer.
- Be aware that the refrigerant inside the system is odorless.

**WARNING**

- The refrigerant inside the unit is mildly flammable, but normally does NOT leak. If the refrigerant leaks in the room and comes in contact with fire from a burner, a heater, or a cooker, this may result in fire, or the formation of a harmful gas.
- Turn OFF any combustible heating devices, ventilate the room, and contact the dealer where you purchased the unit.
- Do NOT use the unit until a service person confirms that the part from which the refrigerant leaked has been repaired.

**WARNING**

**Air purging heat emitters or collectors.** Before you purge air from heat emitters or collectors, check if  or  is displayed on the home screen of the user interface.

- If not, you can purge air immediately.
- If yes, make sure that the room where you want to purge air is sufficiently ventilated. **Reason:** In case of a breakdown, refrigerant might leak into the water circuit, and subsequently into the room when you purge air from the heat emitters or collectors.

## 2.3 Compliance requirements for WLAN card

### 2.3.1 FCC

#### FCC ID: MG3-BRP069A78

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1 this device may not cause harmful interference, and
- 2 this device must accept any interference received, including interference that may cause undesired operation.

The FCC responsible party is Daikin Comfort Technologies Manufacturing, Inc., and may be contacted by calling (713)-861-2500, or at 19001 Kermier Rd., Waller, TX 77484. ([www.daikincomfort.com](http://www.daikincomfort.com))

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful

interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



### CAUTION

FCC Radio Frequency Radiation Exposure statement:

- This transmitter must NOT be co-located or operating in conjunction with any other antenna or transmitter.
- This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated, keeping the radiator at least 7.87" (20 cm) or more away from the person's body.

### 2.3.2 ISED

#### IC: 2575A-BRP069A78

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- 1 this device may not cause interference, and
- 2 this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exempts de licence d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

- 1 cet appareil ne doit pas provoquer d'interférences, et
- 2 cet appareil doit accepter toutes les interférences, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

#### Caution: Exposure to Radio Frequency Radiation

- 1 To comply with the Canadian RF exposure compliance requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
- 2 To comply with RSS 102 RF exposure compliance requirements, this equipment should be installed and operated, keeping the radiator at least 7.87" (20 cm) or more away from the person's body.

#### Attention: Exposition aux rayonnements de radiofréquences

- 1 Pour se conformer aux exigences canadiennes de conformité en matière d'exposition aux RF, cet appareil et son antenne ne doivent pas être situés au même endroit ni fonctionner conjointement avec une autre antenne ou un autre émetteur.
- 2 Pour se conformer aux exigences de conformité en matière d'exposition aux RF RSS 102, cet équipement doit être installé et utilisé en maintenant le radiateur à au moins 7,87 pouces (20 cm) ou plus du corps de la personne.

## 3 About the system

Depending on the system layout, the system can:

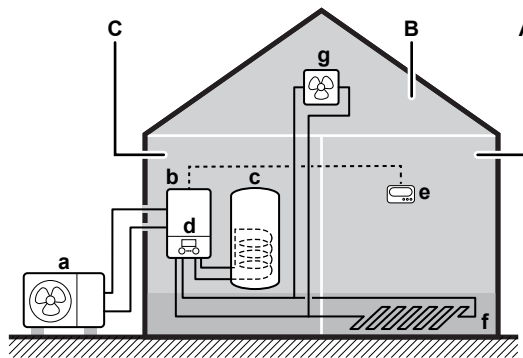
- Heat up a space
- Cool down a space
- Produce domestic hot water (if a DHW tank is installed)



### INFORMATION

If underfloor heating is installed in the main zone, then in cooling mode the main zone can only provide refreshment. Real cooling is then NOT allowed.

### 3.1 Components in a typical system layout



- A** Main zone. **Example:** Living space.
- B** Additional zone. **Example:** Bedroom.
- C** Utility room. **Example:** Garage.
- a** Outdoor unit heat pump
- b** Indoor unit heat pump
- c** Domestic hot water (DHW) tank
- d** User interface of the indoor unit
- e** External room thermostat
- f** Underfloor heating
- g** Radiators, heat pump convectors, or fan coil units

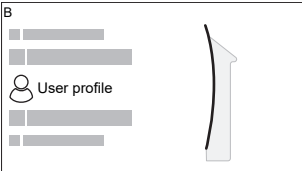






# 4 Quick guide

## 4.1 User permission level

The amount of information you can read and edit in the menu structure depends on your user permission level:

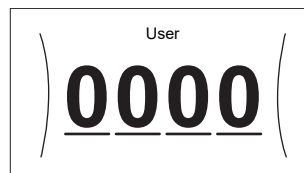
- **User:** Standard mode
- **Advanced user:** You can read and edit more information

### To change the user permission level

<b>1</b>	Go to [B]: User profile. 	
<b>2</b>	Enter the applicable pin code for the user permission level. <ul style="list-style-type: none"> <li>▪ Browse through the list of digits and change the selected digit.</li> <li>▪ Confirm the digit to proceed to the next digit.</li> <li>▪ OR, move the cursor from left to right.</li> <li>▪ Confirm the pin code and proceed.</li> </ul>	—   or   

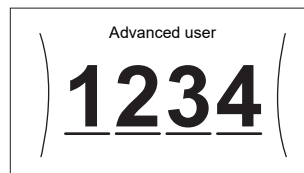
### User pin code

The **User** pin code is **0000**.



### Advanced user pin code

The **Advanced user** pin code is **1234**. Additional menu items for the user are now visible.



## 4.2 Space heating/cooling

### To turn space heating/cooling operation ON or OFF



#### NOTICE

**Room frost protection.** Even if you turn OFF space heating/cooling operation ([C.2]: Operation > Space heating/cooling), room frost protection operation –if enabled– can still activate. However, for leaving water temperature control and external room thermostat control, the protection is NOT guaranteed.



#### NOTICE

**Water pipe freeze prevention.** Even if you turn OFF space heating/cooling operation ([C.2]: Operation > Space heating/cooling), water pipe freeze prevention –if enabled– will remain active.

<b>1</b>	Go to [C.2]: Operation > Space heating/cooling.	
<b>2</b>	Set operation to On or Off.	

### To change the target leaving water temperature

You can use the leaving water temperature setpoint screen to read out and adjust the target leaving water temperature.

<b>1</b>	Go to [2]: Main zone or [3]: Additional zone.	

**2** Adjust the target leaving water temperature.

**a** Actual leaving water temperature  
**b** Target leaving water temperature

**To change the outdoor reset curve for the space heating/cooling zones**

**1** Go to the applicable zone:

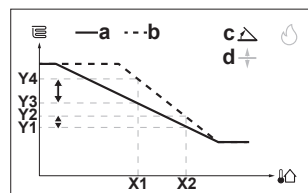
Zone	Go to ...
Main zone – Heating	[2.5] Main zone > Heating Outdoor Reset curve
Main zone – Cooling	[2.6] Main zone > Cooling Outdoor Reset curve
Additional zone – Heating	[3.5] Additional zone > Heating Outdoor Reset curve
Additional zone – Cooling	[3.6] Additional zone > Cooling Outdoor Reset curve

**2** Change the outdoor reset curve.

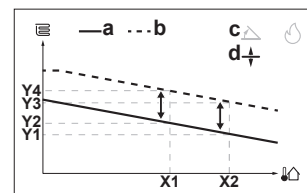
There are two types of outdoor reset curves: **slope-offset curve** (default), and **2-points curve**. If needed, you can change the type in [2.E] **Main zone > Outdoor Reset curve type**. The way to adjust the curve depends on the type.

**Slope-offset curve**

**Slope.** When slope is changed, the new preferred temperature at X1 is unequally higher than the preferred temperature at X2.



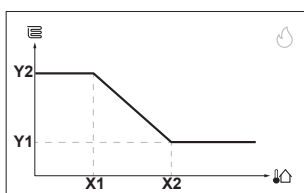
**Offset.** When offset is changed, the new preferred temperature at X1 is equally higher as the preferred temperature at X2.



- X1, X2** Outdoor ambient temperature
- Y1~Y4** Target leaving water temperature
- a** Outdoor reset curve before changes
- b** Outdoor reset curve after changes
- c** Slope
- d** Offset

Possible actions on this screen	
	Select slope or offset.
	Increase or decrease the slope/offset.
	When slope is selected: set slope and go to offset. When offset is selected: set offset.
	Confirm changes and return to the submenu.

### 2-points curve



**X1, X2** Outdoor ambient temperature  
**Y1, Y2** Target leaving water temperature

Possible actions on this screen	
	Go through the temperatures.
	Change the temperature.
	Go to the next temperature.
	Confirm changes and proceed.

### More information

For more information, see also:

- ["5.4 Turning operation ON or OFF" \[▶ 25\]](#)
- ["5.6 Space heating/cooling control" \[▶ 27\]](#)
- ["5.8 Preset values and schedules" \[▶ 34\]](#)
- ["5.9 Outdoor reset curve" \[▶ 41\]](#)

## 4.3 Domestic hot water

### To turn tank heating operation ON or OFF

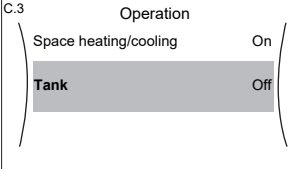




#### NOTICE

##### Disinfection mode:


The disinfection mode periodically heats the stored water to >140°F (>60°C) for preventative elimination of pathogenic bacteria (legionella) in the hot water tank. The heat pump comes with a factory-default schedule set to run the disinfection mode once a week, which the installer can adjust during start-up if needed.

Even if you turn OFF tank heating operation ([C.3]: **Operation** > **Tank**), disinfection mode will remain active. However, if you turn it OFF while disinfection is running, an AH error occurs.

<p><b>1</b></p>	<p>Go to [C.3]: <b>Operation</b> &gt; <b>Tank</b>.</p> 	
<p><b>2</b></p>	<p>Set operation to <b>On</b> or <b>Off</b>.</p>	

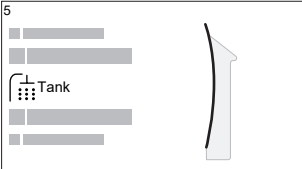

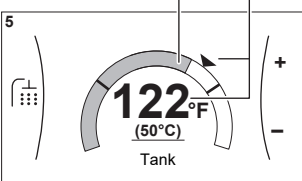

**To change the tank temperature setpoint**

In **Reheat only** mode, you can use the tank temperature setpoint screen to read out and adjust the domestic hot water temperature.



**WARNING**

Water temperature over 125°F (51°C) can cause severe burns instantly or death from scalds. Children, disabled, and elderly persons are at the highest risk of being scalded. Feel water before bathing or showering.

<p><b>1</b></p>	<p>Go to [5]: <b>Tank</b>.</p> 	
<p><b>2</b></p>	<p>Adjust the domestic hot water temperature.</p>  <p><b>a</b> Actual domestic hot water temperature  <b>b</b> Target domestic hot water temperature</p>	

In other modes, you can only view the setpoint screen but not modify it. Instead, you can modify the settings for the **Comfort setpoint** [5.2], **Eco setpoint** [5.3] and **Reheat setpoint** [5.4].

**More information**

For more information, see also:

- "5.4 Turning operation ON or OFF" [▶ 25]
- "5.7 Domestic hot water control" [▶ 30]
- "5.8 Preset values and schedules" [▶ 34]

# 5 Operation

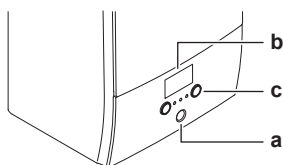


## INFORMATION

During the first running period of the unit, the required power may be higher than stated on the nameplate of the unit. This phenomenon is caused by the compressor, that needs a continuous run time of 50 hours before reaching smooth operation and stable power consumption.

## 5.1 User interface: Overview

The user interface has the following components:



- a Status indicator
- b LCD screen
- c Dials and buttons

### Status indicator

The LEDs of the status indicator light up or blink to show the operating mode of the unit.

LED	Mode	Description
Blinking blue	Standby	The unit is not in operation.
Continuous blue	Operation	The unit is in operation.
Blinking red	Error	An error occurred. See <a href="#">"8.1 To display the help text in case of an error" [▶ 54]</a> for more information.

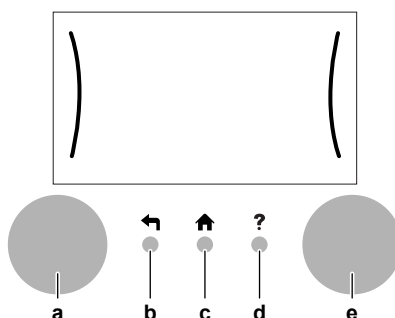
### LCD screen










The LCD screen has a sleeping function. After 15 min of non-interaction with the user interface, the screen darkens. Pressing any button or rotating any dial awakens the display.

### Dials and buttons

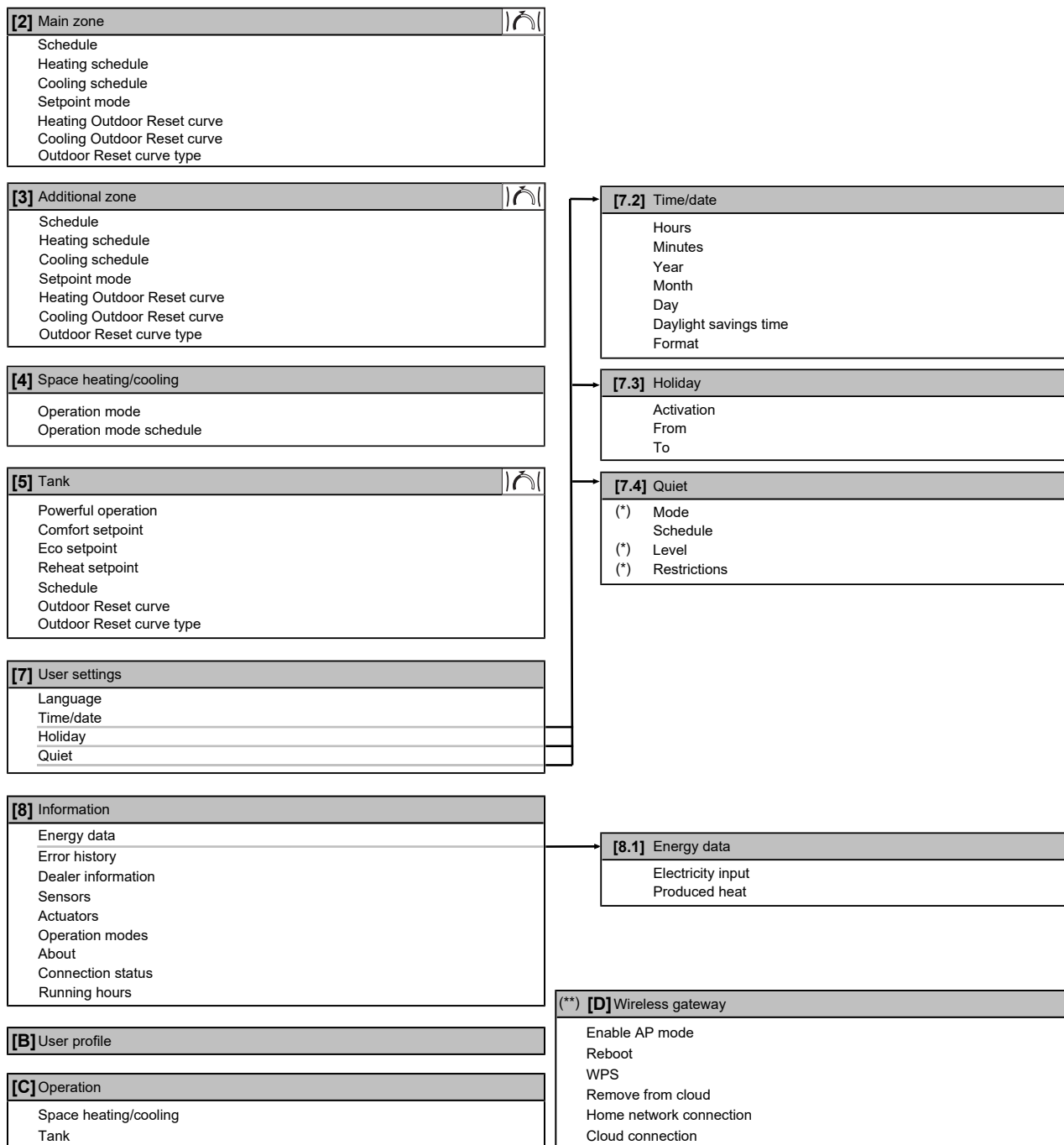
You use the dials and buttons:

- To navigate through the screens, menus and settings of the LCD screen
- To set values



Item		Description
<b>a</b>	Left dial	<p>The LCD shows an arc on the left side of the display when you can use the left dial.</p> <ul style="list-style-type: none"> <li>▪ : Turn, then press the left dial. Navigate through the menu structure.</li> <li>▪ : Turn the left dial. Choose a menu item.</li> <li>▪ : Press the left dial. Confirm your choice or go to a submenu.</li> </ul>
<b>b</b>	Back button	 : Press to go back 1 step in the menu structure.
<b>c</b>	Home button	 : Press to go back to the home screen.
<b>d</b>	Help button	 : Press to show a help text related to the current page (if available).
<b>e</b>	Right dial	<p>The LCD shows an arc on the right side of the display when you can use the right dial.</p> <ul style="list-style-type: none"> <li>▪ : Turn, then press the right dial. Change a value or setting, shown at the right side of the screen.</li> <li>▪ : Turn the right dial. Navigate through the possible values and settings.</li> <li>▪ : Press the right dial. Confirm your choice and go to the next menu item.</li> </ul>

## 5.2 Menu structure: Overview user settings



Setpoint screen

(\*) Only accessible by installer

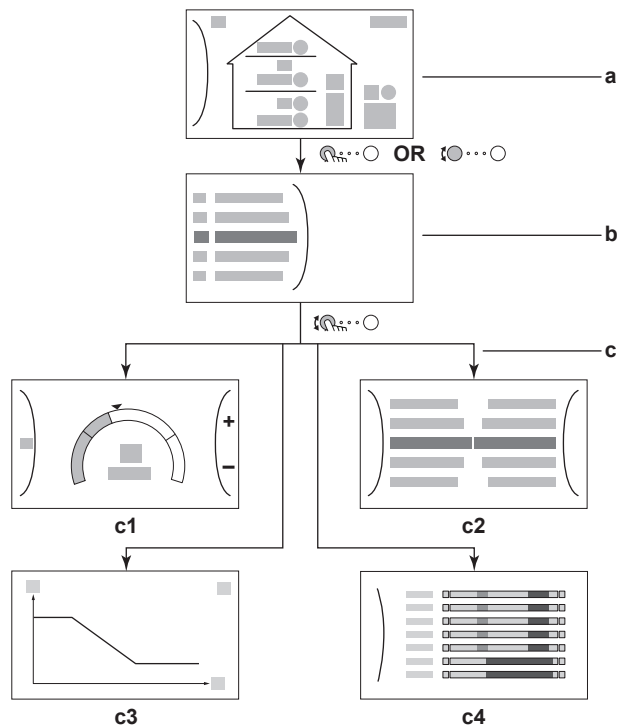
(\*\*) Only applicable when WLAN card is installed

**INFORMATION**

Depending on the selected installer settings, settings will be visible/invisible.

### 5.3 Possible screens: Overview

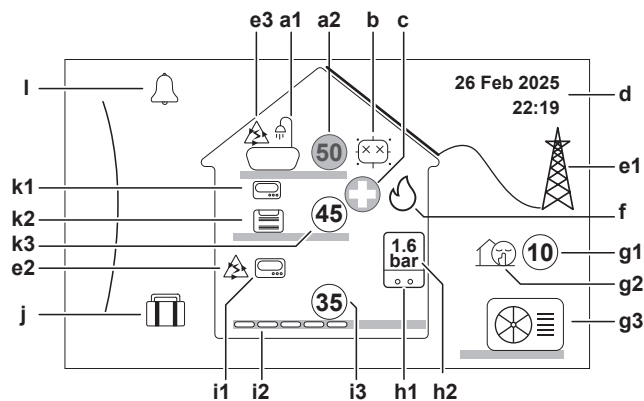
The most common screens are as follows:



















- a** Home screen
- b** Main menu screen
- c** Lower level screens:
  - c1:** Setpoint screen
  - c2:** Detailed screen with values
  - c3:** Screen with outdoor reset curve
  - c4:** Screen with schedule














#### 5.3.1 Home screen

Press the button to go back to the home screen. You see an overview of the unit configuration and the room and setpoint temperatures. Only symbols applicable for your configuration are visible on the home screen.





Possible actions on this screen	
	Go through the list of the main menu.
	Go to the main menu screen.
?	Enable/disable breadcrumbs.

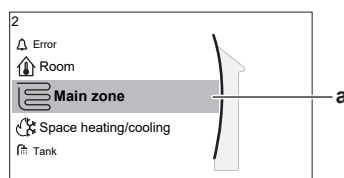
Item		Description
<b>a Domestic hot water</b>		
a1		Domestic hot water
a2		Measured tank temperature <sup>(a)</sup>
<b>b Disinfection / Powerful</b>		
		Disinfection mode active
		Powerful operation mode active
<b>c Emergency</b>		
		Heat pump failure and system operates in <b>Emergency</b> mode or heat pump is forced off.
<b>d Current date and time</b>		
<b>e Smart energy</b>		
e1		Smart energy is available via solar panels or smart grid.
e2		Smart energy is currently being used for space heating.
e3		Smart energy is currently being used for domestic hot water.
<b>f Space operation mode</b>		
		Cooling
		Heating
<b>g Outdoor / quiet mode</b>		
g1		Measured outdoor temperature <sup>(a)</sup>
g2		Quiet mode active
g3		Outdoor unit
<b>h Indoor unit / domestic hot water tank</b>		
h1		Wall-mounted indoor unit
		Wall-mounted indoor unit with separated tank
h2		Water pressure

Item	Description
<b>i</b>	<b>Main zone</b>
<b>i1</b>	Installed thermostat type:
	 Unit operation is decided by the external room thermostat (wired).
	— No thermostat installed or set. Unit operation is decided based on the leaving water temperature regardless of the actual room temperature and/or heating demand of the room.
<b>i2</b>	Installed heat emitter type:
	 Underfloor heating
	 Fancoil unit / Fan Convactor / AHU
	 Radiator/Baseboard
<b>i3</b>	 Leaving water temperature setpoint <sup>(a)</sup>
<b>j</b>	<b>Vacation mode</b>
	Vacation mode active
<b>k</b>	<b>Additional zone</b>
<b>k1</b>	Installed thermostat type:
	 Unit operation is decided by the external room thermostat (wired).
	— No thermostat installed or set. Unit operation is decided based on the leaving water temperature regardless of the actual room temperature and/or heating demand of the room.
<b>k2</b>	Installed heat emitter type:
	 Underfloor heating
	 Fancoil unit / Fan Convactor / AHU
	 Radiator/Baseboard
<b>k3</b>	 Leaving water temperature setpoint <sup>(a)</sup>
<b>l</b>	<b>Error</b>
	An error occurred.
	See " <a href="#">8.1 To display the help text in case of an error</a> " [▶ 54] for more information.

<sup>(a)</sup> If the corresponding operation (for example: space heating) is not active, the circle is grayed out.

### 5.3.2 Main menu screen

Starting from the home screen, press (  ) or turn (  ) the left dial to open the main menu screen. From the main menu, you can access the different setpoint screens and submenus.



a Selected submenu

Possible actions on this screen	
	Go through the list.
	Enter the submenu.
	Enable/disable breadcrumbs.

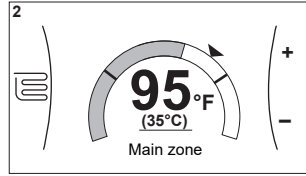
Submenu	Description
[0]  Error	<b>Restriction:</b> Only displayed if an error occurs. See "8.1 To display the help text in case of an error" [▶ 54] for more information.
[2]  Main zone	Shows the applicable symbol for your main zone emitter type. Set the leaving water temperature for the main zone.
[3]  Additional zone	<b>Restriction:</b> Only displayed if there are two leaving water temperature zones. Shows the applicable symbol for your additional zone emitter type. Set the leaving water temperature for the additional zone (if present).
[4]  Space heating/cooling	Shows the applicable symbol of your unit. Put the unit in heating mode or cooling mode.
[5]  Tank	Set the domestic hot water tank temperature.
[7]  User settings	Gives access to user settings such as vacation mode and quiet mode.
[8]  Information	Displays data and information about the indoor unit.
[9]  Installer settings	<b>Restriction:</b> Only for the installer. Gives access to advanced settings.
[A]  Commissioning	<b>Restriction:</b> Only for the installer. Perform tests and maintenance.
[B]  User profile	Change the active user profile.
[C]  Operation	Turn heating/cooling functionality and domestic hot water preparation on or off.
[D]  Wireless gateway	<b>Restriction:</b> Only displayed if a WLAN card is installed. Contains settings needed when configuring the <i>Skyport</i> Home Mobile App.

5.3.3 Setpoint screen

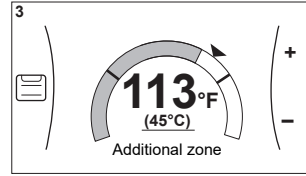
The setpoint screen is displayed for screens describing system components that need a setpoint value.

Examples

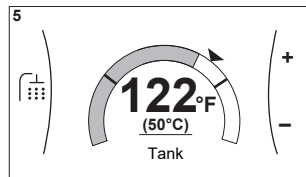
[2] Main zone screen



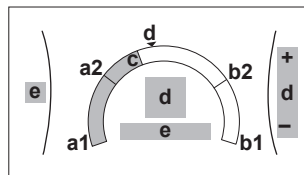
[3] Additional zone screen



[5] Tank temperature screen



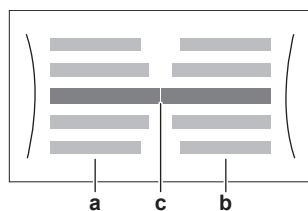
Explanation



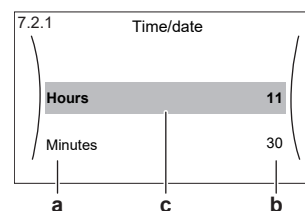
Possible actions on this screen	
	Go through the list of the submenu.
	Go to the submenu.
	Adjust and automatically apply the target temperature.

Item	Description	
Minimum temperature limit	<b>a1</b>	Fixed by the unit
	<b>a2</b>	Restricted by the installer
Maximum temperature limit	<b>b1</b>	Fixed by the unit
	<b>b2</b>	Restricted by the installer
Current temperature	<b>c</b>	Measured by the unit
Target temperature	<b>d</b>	Turn the right dial to increase/decrease.
SubMenu	<b>e</b>	Turn or press the left dial to go to the submenu.

## 5.3.4 Detailed screen with values



## Example:



- a** Settings
- b** Values
- c** Selected setting and value

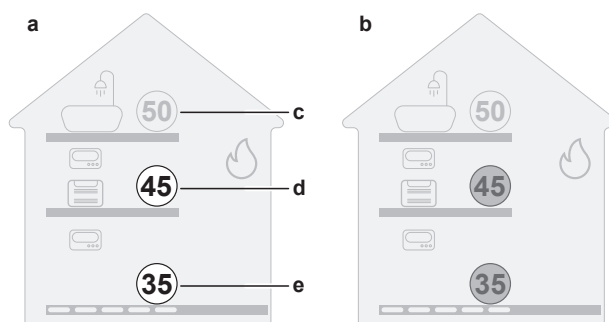
Possible actions on this screen	
	Go through the list of settings.
	Change the value.
	Go to the next setting.
	Confirm changes and proceed.

## 5.4 Turning operation ON or OFF

## 5.4.1 Visual indication

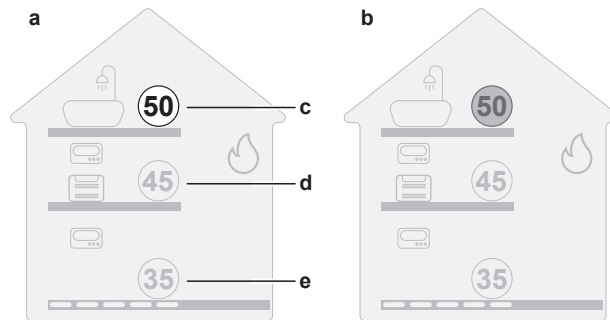
Certain functionalities of the unit can be enabled or disabled separately. If a functionality is disabled, the corresponding temperature icon in the home screen will be grayed out.

## Space heating/cooling operation



- a** Space heating/cooling operation ON
- b** Space heating/cooling operation OFF
- c** Domestic hot water tank  
50°C 122°F
- d** Additional zone  
45°C 113°F
- e** Main zone  
35°C 95°F

### Tank heating operation



- a** Tank heating operation ON
- b** Tank heating operation OFF
- c** Domestic hot water tank  
50°C 122°F
- d** Additional zone  
45°C 113°F
- e** Main zone  
35°C 95°F

#### 5.4.2 To turn ON or OFF

### Space heating/cooling operation



#### NOTICE

**Room frost protection.** Even if you turn OFF space heating/cooling operation ([C.2]: Operation > Space heating/cooling), room frost protection operation –if enabled– can still activate. However, for leaving water temperature control and external room thermostat control, the protection is NOT guaranteed.



#### NOTICE

**Water pipe freeze prevention.** Even if you turn OFF space heating/cooling operation ([C.2]: Operation > Space heating/cooling), water pipe freeze prevention –if enabled– will remain active.

<b>1</b>	Go to [C.2]: Operation > Space heating/cooling.	🔍⋯○
	<p>The screenshot shows a menu titled 'C.2 Operation'. Under 'Space heating/cooling', the option 'On' is selected. Under 'Tank', the option 'Off' is selected.</p>	
<b>2</b>	Set operation to On or Off.	○⋯●

### Tank heating operation


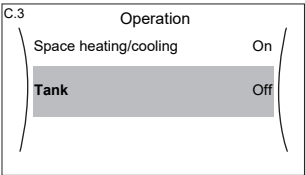



#### NOTICE

##### Disinfection mode:

The disinfection mode periodically heats the stored water to >140°F (>60°C) for preventative elimination of pathogenic bacteria (legionella) in the hot water tank. The heat pump comes with a factory-default schedule set to run the disinfection mode once a week, which the installer can adjust during start-up if needed.

Even if you turn OFF tank heating operation ([C.3]: Operation > Tank), disinfection mode will remain active. However, if you turn it OFF while disinfection is running, an AH error occurs.

1	Go to [C.3]: <b>Operation &gt; Tank</b> .	
		
2	Set operation to <b>On</b> or <b>Off</b> .	

## 5.5 Reading out information

### To read out information

1	Go to [8]: <b>Information</b> .	
---	---------------------------------	---

### Possible read-out information

In menu...	You can read out...
[8.1] Energy data	Produced energy and consumed electricity
[8.2] Error history	Error history
[8.3] Dealer information	Contact/help desk number
[8.4] Sensors	Tank temperature or domestic hot water temperature, outdoor temperature, and leaving water temperature (if applicable)
[8.5] Actuators	Status/mode of each actuator <b>Example:</b> Domestic hot water pump ON/OFF
[8.6] Operation modes	Current operation mode <b>Example:</b> Defrost/oil return mode
[8.7] About	Version information about the system
[8.8] Connection status	Information about the connection status of the unit.
[8.9] Running hours	Running hours of specific system components

## 5.6 Space heating/cooling control

### 5.6.1 About space heating/cooling control

Controlling space heating/cooling typically consists of the following stages:

- 1 Setting the space operation mode
- 2 Controlling the temperature

Depending on the system layout and installer configuration, you use a different temperature control:

- Leaving water temperature control
- External room thermostat control

5.6.2 Setting the **Operation mode**

**About space operation modes**



Your unit is a heating/cooling model. It can both heat up and cool down a space. You have to tell the system which operation mode to use.

To tell the system which space operation to use, you can:

You can...	Location
Check which space operation mode is currently used.	Home screen
Set the space operation mode permanently.	Main menu
Restrict automatic changeover according to a monthly schedule.	

**To check which space operation mode is currently used**



The space operation mode is displayed on the home screen:

- When the unit is in heating mode, the  icon is shown.
- When the unit is in cooling mode, the  icon is shown.

The status indicator shows if the unit is currently in operation:





- When the unit is not in operation, the status indicator will show a blue pulsation with an interval of approximately 5 seconds.
- While the unit is in operation, the status indicator will light up blue constantly.

**To set the space operation mode**

<b>1</b>	Go to [4.1]: <b>Space heating/cooling &gt; Operation mode</b>	
<b>2</b>	Select one of the following options: <ul style="list-style-type: none"> <li>▪ <b>Heating:</b> Only heating mode</li> <li>▪ <b>Cooling:</b> Only cooling mode</li> <li>▪ <b>Automatic:</b> The operation mode changes automatically between heating and cooling based on the outdoor temperature. Restricted per month according to the <b>Operation mode schedule</b> [4.2].</li> </ul>	

**To restrict automatic changeover according to a schedule**

**Conditions:** You set the space operation mode to **Automatic**.

<b>1</b>	Go to [4.2]: <b>Space heating/cooling &gt; Operation mode schedule</b> .	
<b>2</b>	Select a month.	
<b>3</b>	For each month, select an option: <ul style="list-style-type: none"> <li>▪ <b>Reversible:</b> Not restricted</li> <li>▪ <b>Heating only:</b> Restricted</li> <li>▪ <b>Cooling only:</b> Restricted</li> </ul>	
<b>4</b>	Confirm the changes.	

**Example: Changeover restrictions**

When	Restriction
During the cold season. <b>Example:</b> October, November, December, January, February and March.	Heating only
During the warm season. <b>Example:</b> June, July and August.	Cooling only
In between. <b>Example:</b> April, May and September.	Reversible

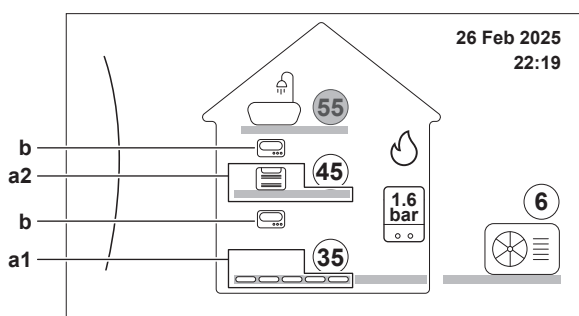
## 5.6.3 Determining which temperature control you are using

**To determine which temperature control you are using (method 1)**

Check the installer settings table filled in by the installer.

**To determine which temperature control you are using (method 2)**

You can see on the home screen which temperature control you are using.



- a1** Heat emitter of the main zone (in this example Underfloor heating)
- a2** Heat emitter of the additional zone (in this example Fancoil unit / Fan Convactor / AHU). If no icon is displayed, there is no additional zone.
- b** Room thermostat type of the main zone / additional zone:

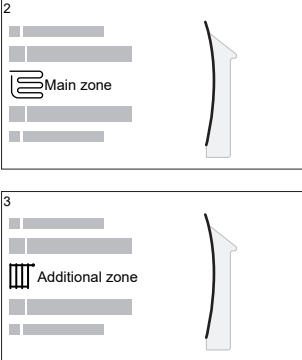

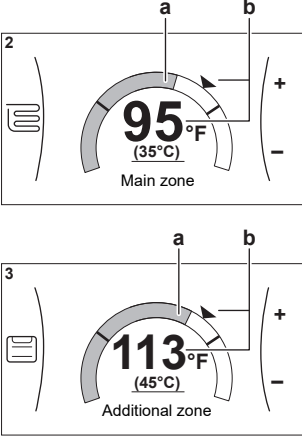

If b=...	Then the temperature control is...	
	Main zone	Additional zone (if any)
	External room thermostat control	External room thermostat control
No icon	Leaving water temperature control	Leaving water temperature control

## 5.6.4 To change the target leaving water temperature

**INFORMATION**

The leaving water is the water that is sent to the heat emitters. The target leaving water temperature is set by your installer in accordance with the heat emitter type. Only adjust the leaving water temperature settings in case of problems.

You can use the leaving water temperature setpoint screen to read out and adjust the target leaving water temperature.



<p><b>1</b></p>	<p>Go to [2]: <b>Main zone</b> or [3]: <b>Additional zone</b>.</p> 	
<p><b>2</b></p>	<p>Adjust the target leaving water temperature.</p>  <p><b>a</b> Actual leaving water temperature <b>b</b> Target leaving water temperature</p>	

**If scheduling is on after changing the target leaving water temperature**

- The temperature will stay the same as long as there is no scheduled action.
- The target leaving water temperature will return to its scheduled value whenever a scheduled action occurs.

You can avoid scheduled behavior by (temporarily) turning off scheduling.

**To turn off leaving water temperature scheduling**

<p><b>1</b></p>	<p>Go to one of the following:</p> <ul style="list-style-type: none"> <li>▪ [2.1]: <b>Main zone</b> &gt; <b>Schedule</b></li> <li>▪ [3.1]: <b>Additional zone</b> &gt; <b>Schedule</b></li> </ul>	
<p><b>2</b></p>	<p>Select <b>No</b>.</p>	

**To enable outdoor reset operation for the leaving water temperature**

See "5.9.4 Using outdoor reset curves" [▶ 44].

## 5.7 Domestic hot water control

### 5.7.1 About domestic hot water control

Depending on the DHW tank mode (installer setting), you use a different domestic hot water control:

- Reheat only
- Schedule + reheat
- Schedule only



#### CAUTION

The booster heater permission schedule is used to restrict or allow booster heater operation based on a weekly program. Advice: In order to avoid unsuccessful disinfection function, at least allow the booster heater (by the weekly program) for a minimum of 4 hours starting from the scheduled startup of disinfection. If the booster heater is restricted during disinfection, this function will NOT be successful and the applicable warning AH will be generated.



#### INFORMATION

In case of error code AH and if no interruption of the disinfection function occurred due to domestic hot water tapping, the following actions are recommended:

- When the **Reheat only** or **Schedule + reheat** mode is selected, it is recommended to program the startup of the disinfection function at least 4 hours later than the last expected large hot water tapping. This startup can be set by installer settings (disinfection function).
- When the **Schedule only** mode is selected, it is recommended to program an **Eco** action 3 hours before the scheduled startup of the disinfection function to preheat the tank.

When outdoor reset operation is used for the tank, the tank temperature is determined automatically by the outdoor temperature. For more information, see "5.9 Outdoor reset curve" [▶ 41].

#### To determine which domestic hot water mode you are using (method 1)

Check the installer settings table filled in by the installer.

#### To determine which domestic hot water mode you are using (method 2)

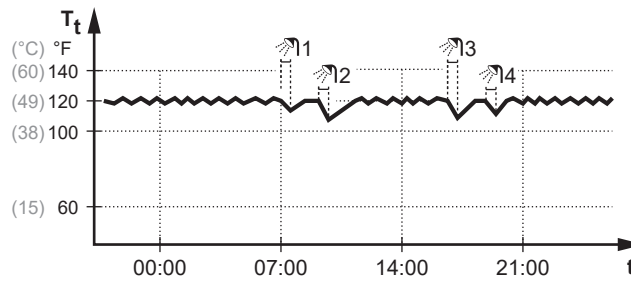
<b>1</b>	Go to [5]: Tank.	
<b>2</b>	Check which items are displayed:  <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>[5.1] — Powerful operation</p> <p>[5.2] — Comfort setpoint</p> <p>[5.3] — Eco setpoint</p> <p>[5.4] — Reheat setpoint</p> <p>[5.5] — Schedule</p> </div>	

If... is displayed	Then the DHW tank mode =...
Only [5.1] <b>Powerful operation</b>	Reheat only
All items except [5.4] <b>Reheat setpoint</b> are displayed	Schedule only
All items including [5.4] <b>Reheat setpoint</b> are displayed	Schedule + reheat

### 5.7.2 Reheat mode

In reheat mode, the DHW tank continuously heats up to the temperature shown on the home screen (example: 120°F (49°C)) when the temperature drops below a certain value.

**Example:**



T<sub>t</sub> DHW tank temperature  
t Time

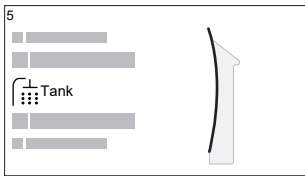

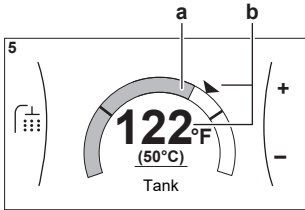

**i** **INFORMATION**  
Risk of space heating capacity shortage for domestic hot water tank without internal booster heater: In case of frequent domestic hot water operation, frequent and long space heating/cooling interruption will happen when selecting the following:  
Tank > Heat up mode > Reheat only.

**i** **INFORMATION**  
When the DHW tank mode is reheat, the risk of capacity shortage and comfort problems is significant. In case of frequent reheat operation, the space heating/cooling function is regularly interrupted.

**To change the tank temperature setpoint**

In **Reheat only** mode, you can use the tank temperature setpoint screen to read out and adjust the domestic hot water temperature.

**!** **WARNING**  
Water temperature over 125°F (51°C) can cause severe burns instantly or death from scalds. Children, disabled, and elderly persons are at the highest risk of being scalded. Feel water before bathing or showering.

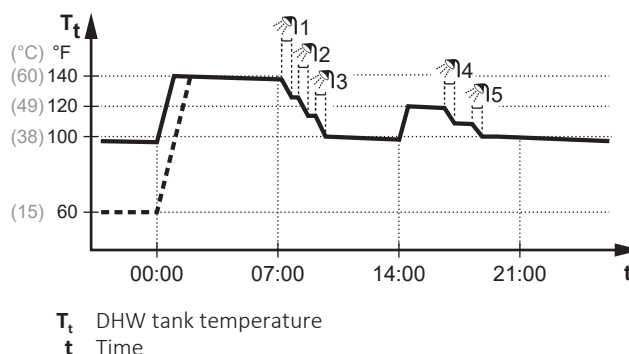
<p><b>1</b></p>	<p>Go to [5]: Tank.</p> 	
<p><b>2</b></p>	<p>Adjust the domestic hot water temperature.</p>  <p><b>a</b> Actual domestic hot water temperature <b>b</b> Target domestic hot water temperature</p>	

In other modes, you can only view the setpoint screen but not modify it. Instead, you can modify the settings for the **Comfort setpoint** [5.2], **Eco setpoint** [5.3] and **Reheat setpoint** [5.4].

### 5.7.3 Scheduled mode

In scheduled mode, the DHW tank produces hot water corresponding to a schedule. The best time to allow the tank to produce hot water is at night, because the space heating demand is lower.

#### Example:



- Initially, the DHW tank temperature is the same as the temperature of the domestic water entering the DHW tank (example: **60°F** (15°C)).
- At 00:00 the DHW tank is programmed to heat up the water to a preset value (example: **Comfort = 140°F** (60°C)).
- During the morning, you consume hot water and the DHW tank temperature decreases.
- At 14:00 the DHW tank is programmed to heat up the water to a preset value (example: **Eco = 120°F** (49°C)). Hot water is available again.
- During the afternoon and evening, you consume hot water again and the DHW tank temperature decreases again.
- At 00:00 the next day, the cycle repeats.

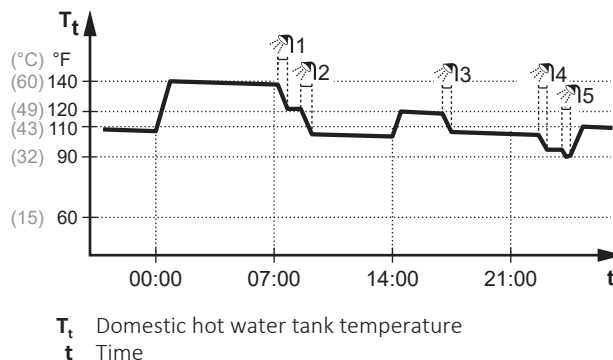
#### To set up a schedule

See "5.8.3 Schedule screen: Example" [▶ 37] for an example how to set up a schedule.

### 5.7.4 Scheduled + reheat mode

In scheduled + reheat mode, the domestic hot water control is the same as in scheduled mode. However, when the DHW tank temperature drops below a preset value (=reheat tank temperature – differential value; example: **90°F** (32°C)), the DHW tank heats up until it reaches the reheat set point (example: **110°F** (45°C)). This ensures that a minimum amount of hot water is available at all times.

#### Example:



5.7.5 Using DHW powerful operation



**About powerful operation**

**Powerful operation** allows the domestic hot water to be heated by the backup heater or booster heater. Use this mode on days when there is more hot water usage than usual.

**To check if powerful operation is active**

If  is displayed on the home screen, powerful operation is active.

Activate or deactivate **Powerful operation** as follows:

<b>1</b>	Go to [5.1]: Tank > Powerful operation	
<b>2</b>	Turn powerful operation Off or On.	

**Usage example: You immediately need more hot water**

You are in the following situation:

- You already consumed most of your domestic hot water.
- You cannot wait for the next scheduled action to heat up the domestic hot water tank.

Then you can activate powerful operation. The domestic hot water tank will start heating up the water to the **Comfort** temperature.

i

**INFORMATION**

When powerful operation is active, the risk of space heating/cooling and capacity shortage comfort problems is significant. In case of frequent domestic hot water operation, frequent and long space heating/cooling interruptions will happen.

## 5.8 Preset values and schedules

### 5.8.1 Using preset values

**About preset values**

For some settings in the system, you can define preset values. You only need to set these values one time, then reuse the values in other screens such as the scheduling screen. If you later want to change the value, you only have to do it in one place.

**Possible preset values**

You can set the following user-defined preset values:

Preset value		Where used
Tank temperatures under [5] Tank  <b>Restriction:</b> Only applicable if a DHW tank is present.	[5.2] <b>Comfort setpoint</b>	You can use these preset values in [5.5] <b>Schedule</b> (weekly schedule screen for the DHW tank) if the DHW tank mode is one of the following: <ul style="list-style-type: none"> <li>▪ <b>Schedule only</b></li> <li>▪ <b>Schedule + reheat</b></li> </ul>
	[5.3] <b>Eco setpoint</b>	
	[5.4] <b>Reheat setpoint</b>	The software uses this preset value if the DHW tank mode is <b>Schedule + reheat</b> .

In addition to the user-defined preset values, the system also contains some system-defined preset values that you can use when programming schedules.

**Example:** In [7.4.2] **User settings > Quiet > Schedule** (weekly schedule for when the unit has to use which quiet mode level), you can use the following system-defined preset values: **Quiet/More quiet/Most quiet**.

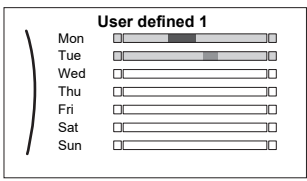

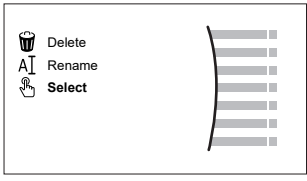


## 5.8.2 Using and programming schedules

### About schedules

Depending on your system layout and installer configuration, schedules for multiple controls may be available.

You can...	See...
Set if a specific control needs to act according to a schedule.	" <b>Activation screen</b> " in " <b>Possible schedules</b> " [▶ 35]
Select which schedule you currently want to use for a specific control. The system contains some predefined schedules. You can:	
Consult which schedule is currently selected.	" <b>Schedule/Control</b> " in " <b>Possible schedules</b> " [▶ 35]
Select another schedule if needed.	" <b>To select which schedule you currently want to use</b> " [▶ 35]
Program your own schedules if the predefined schedules are not satisfactory. The actions you can program are control-specific.	<ul style="list-style-type: none"> <li>▪ "<b>Possible actions</b>" in "<b>Possible schedules</b>" [▶ 35]</li> <li>▪ "<b>5.8.3 Schedule screen: Example</b>" [▶ 37]</li> </ul>

### To select which schedule you currently want to use

<b>1</b>	Go to the schedule for the specific control. See " <b>Schedule/Control</b> " in " <b>Possible schedules</b> " [▶ 35]. <b>Example:</b> For the schedule for the target room temperature in heating mode, go to [2.2] <b>Main zone &gt; Heating schedule</b> .	
<b>2</b>	Select the name of the current schedule. 	
<b>3</b>	Select <b>Select</b> . 	
<b>4</b>	Select the schedule that you currently want to use.	

### Possible schedules

The table contains the following information:

- **Schedule/Control:** This column shows you where you can consult the currently selected schedule for the specific control. If needed, you can:
  - Select another schedule. See ["To select which schedule you currently want to use"](#) [▶ 35].
  - Program your own schedule. See ["5.8.3 Schedule screen: Example"](#) [▶ 37].
- **Predefined schedules:** Number of available predefined schedules in the system for the specific control. If needed, you can program your own schedule.
- **Activation screen:** For most controls, a schedule is only effective if it is activated in its corresponding activation screen. This entry shows you where to activate it.
- **Possible actions:** Actions you can use when programming a schedule. For most schedules, you can program up to 6 actions per day.

Schedule/Control	Description
<p>[2.2] <b>Main zone &gt; Heating schedule</b></p> <p>Schedule for the target leaving water temperature for the main zone in heating mode.</p>	<p><b>Predefined schedules:</b> 3</p> <p><b>Activation screen:</b> [2.1] Schedule</p> <p><b>Possible actions:</b></p> <ul style="list-style-type: none"> <li>▪ In case of an outdoor reset: Shift temperatures within range.</li> <li>▪ Otherwise: Temperatures within range</li> </ul>
<p>[2.3] <b>Main zone &gt; Cooling schedule</b></p> <p>Schedule for the target leaving water temperature for the main zone in cooling mode.</p>	<p><b>Predefined schedules:</b> 1</p> <p><b>Activation screen:</b> [2.1] Schedule</p> <p><b>Possible actions:</b></p> <ul style="list-style-type: none"> <li>▪ In case of an outdoor reset: Shift temperatures within range.</li> <li>▪ Otherwise: Temperatures within range</li> </ul>
<p>[3.2] <b>Additional zone &gt; Heating schedule</b></p> <p>Schedule for when the system is allowed to heat up the additional zone in heating mode.</p>	<p><b>Predefined schedules:</b> 1</p> <p><b>Activation screen:</b> [3.1] Schedule</p> <p><b>Possible actions:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Off:</b> When the system is NOT allowed to heat up the additional zone.</li> <li>▪ <b>On:</b> When the system is allowed to heat up the additional zone.</li> </ul>
<p>[3.3] <b>Additional zone &gt; Cooling schedule</b></p> <p>Schedule for when the system is allowed to cool down the additional zone in cooling mode.</p>	<p><b>Predefined schedules:</b> 1</p> <p><b>Activation screen:</b> [3.1] Schedule</p> <p><b>Possible actions:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Off:</b> When the system is NOT allowed to cool down the additional zone.</li> <li>▪ <b>On:</b> When the system is allowed to cool down the additional zone.</li> </ul>
<p>[4.2] <b>Space heating/cooling &gt; Operation mode schedule</b></p> <p>Schedule (per month) for when to operate the unit in heating mode and when in cooling mode.</p>	<p>See <a href="#">"To set the space operation mode"</a> [▶ 28].</p>

Schedule/Control	Description
<p>[5.5] Tank &gt; Schedule</p> <p>Schedule for the domestic hot water tank temperature for your normal domestic hot water needs.</p>	<p><b>Predefined schedules:</b> 1</p> <p><b>Activation screen:</b> Not applicable. This schedule is automatically activated if the DHW mode is one of the following:</p> <ul style="list-style-type: none"> <li>▪ Schedule only</li> <li>▪ Schedule + reheat</li> </ul> <p><b>Possible actions:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Comfort:</b> When to start heating the tank to the user-defined preset value [5.2] <b>Comfort setpoint</b>.</li> <li>▪ <b>Eco:</b> When to start heating the tank to the user-defined preset value [5.3] <b>Eco setpoint</b>.</li> <li>▪ <b>Stop:</b> When to stop heating the tank, even if the target tank temperature is not reached yet.</li> </ul> <p><b>Note:</b> In <b>Schedule + reheat</b> mode, the system also takes the user-defined preset value [5.4] <b>Reheat setpoint</b> into account.</p>
<p>[7.4.2] User settings &gt; Quiet &gt; Schedule</p> <p>Schedule for when the unit has to use which quiet mode level.</p>	<p><b>Predefined schedules:</b> 1</p> <p><b>Activation screen:</b> [7.4.1] <b>Activation</b> (only available to installers).</p> <p><b>Possible actions:</b> You can use the following system-defined preset values:</p> <ul style="list-style-type: none"> <li>▪ Off</li> <li>▪ Quiet</li> <li>▪ More quiet</li> <li>▪ Most quiet</li> </ul> <p>See "<a href="#">About quiet mode</a>" [▶ 46].</p>
<p><b>Restriction:</b> Only available to installers.</p> <p>[9.4.2] Installer settings &gt; Booster heater &gt; Booster Heater allowance schedule</p>	<p><b>Predefined schedules:</b> 1</p> <p><b>Activation screen:</b> Not applicable</p> <p><b>Possible actions:</b> You can program 2 actions per day.</p> <ul style="list-style-type: none"> <li>▪ <b>Off:</b> Booster heater operation NOT allowed.</li> <li>▪ <b>On:</b> Booster heater operation allowed.</li> </ul>

### 5.8.3 Schedule screen: Example

This example shows how to set a room temperature schedule in heating mode for the main zone.

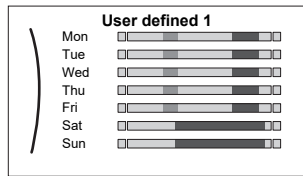


#### INFORMATION

The procedures to program other schedules are similar.

#### To program the schedule: overview

**Example:** You want to program the following schedule:



**Prerequisite:** If leaving water temperature control is active, you can program the main zone schedule.

- 1 Go to the schedule.
- 2 (optional) Clear the content of the whole week schedule or the content of a selected day schedule.
- 3 Program the schedule for **Monday**.
- 4 Copy the schedule to the other weekdays.
- 5 Program the schedule for **Saturday** and copy it to **Sunday**.
- 6 Give the schedule a name.

**To go to the schedule**

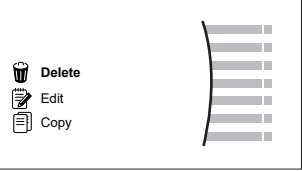


<b>1</b>	Go to [2.1]: <b>Main zone &gt; Schedule.</b>	
<b>2</b>	Set scheduling to <b>Yes</b> .	
<b>3</b>	Go to [2.2]: <b>Main zone &gt; Heating schedule.</b>	

**To clear the content of the week schedule**

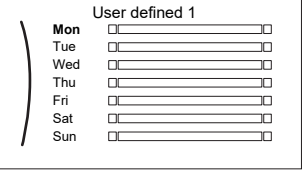

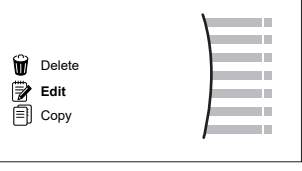

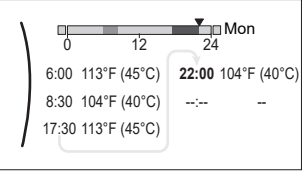



<b>1</b>	Select the name of the current schedule.  	
<b>2</b>	Select <b>Delete</b> .  	
<b>3</b>	Select <b>OK</b> to confirm.	

**To clear the content of a day schedule**



<b>1</b>	Select the day for which you want to clear the content. For example <b>Friday</b>  	
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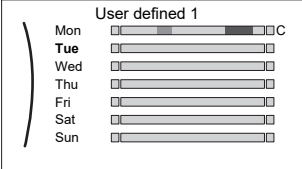


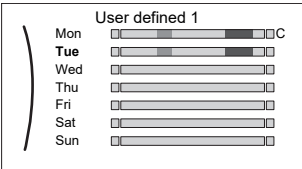

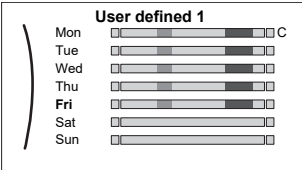
<p><b>2</b></p>	<p>Select <b>Delete</b>.</p> 	
<p><b>3</b></p>	<p>Select <b>OK</b> to confirm.</p>	

**To program the schedule for Monday**



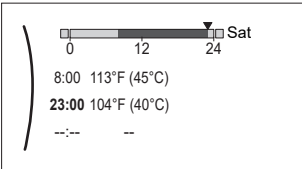






<p><b>1</b></p>	<p>Select <b>Monday</b>.</p> 	
<p><b>2</b></p>	<p>Select <b>Edit</b>.</p> 	
<p><b>3</b></p>	<p>Use the left dial to select an entry and edit the entry with the right dial. You can program up to 6 actions each day. On the bar, a high temperature has a darker color than a low temperature.</p>  <p><b>Note:</b> To clear an action, set its time as the time of the previous action.</p>	 
<p><b>4</b></p>	<p>Confirm the changes.</p> <p><b>Result:</b> The schedule for Monday is defined. The value of the last action is valid until the next programmed action. In this example, Monday is the first day you programmed. Thus, the last programmed action is valid up to the first action of next Monday.</p>	

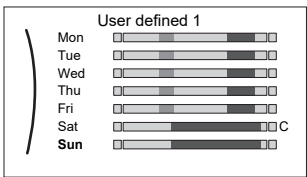

**To copy the schedule to the other weekdays**

<p><b>1</b></p>	<p>Select <b>Monday</b>.</p> 	
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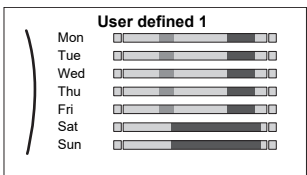

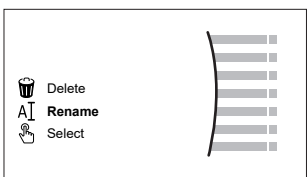




<p><b>2</b></p>	<p>Select <b>Copy</b>.</p>  <p><b>Result:</b> Next to the copied day, "C" is displayed.</p>	
<p><b>3</b></p>	<p>Select <b>Tuesday</b>.</p> 	
<p><b>4</b></p>	<p>Select <b>Paste</b>.</p>  <p><b>Result:</b></p> 	
<p><b>5</b></p>	<p>Repeat this action for all other weekdays.</p> 	<p>—</p>

**To program the schedule for Saturday and copy it to Sunday**

<p><b>1</b></p>	<p>Select <b>Saturday</b>.</p>	
<p><b>2</b></p>	<p>Select <b>Edit</b>.</p>	
<p><b>3</b></p>	<p>Use the left dial to select an entry and edit the entry with the right dial.</p> 	 
<p><b>4</b></p>	<p>Confirm the changes.</p>	
<p><b>5</b></p>	<p>Select <b>Saturday</b>.</p>	
<p><b>6</b></p>	<p>Select <b>Copy</b>.</p>	
<p><b>7</b></p>	<p>Select <b>Sunday</b>.</p>	

<b>8</b>	<p>Select Paste.</p> <p><b>Result:</b></p> 	
----------	--	---

### To rename the schedule

<b>1</b>	<p>Select the name of the current schedule.</p> 	
<b>2</b>	<p>Select Rename.</p> 	
<b>3</b>	<p>(optional) To delete the current schedule name, browse through the character list until ← is displayed, then press to remove the previous character. Repeat for each character of the schedule name.</p>	
<b>4</b>	<p>To name the current schedule, browse through the character list and confirm the selected character. The schedule name can contain up to 15 characters.</p>	
<b>5</b>	<p>Confirm the new name.</p>	



#### INFORMATION

Not all schedules can be renamed.

### Usage example: You work in a 3-shift system

If you work in a 3-shift system, you can do the following:

- 1** Program 3 room temperature schedules and give them appropriate names.  
**Example:** EarlyShift, DayShift and LateShift
- 2** Select the schedule that you currently want to use.

## 5.9 Outdoor reset curve

### 5.9.1 What is an outdoor reset curve?

#### Outdoor reset operation

The unit operates 'outdoor reset' if the desired leaving water or tank temperature is determined automatically by the outdoor temperature, measured by the outdoor unit. If the outdoor temperature drops or rises, the unit compensates instantly. Thus, the unit does not have to wait for feedback by the thermostat to

increase or decrease the temperature of the leaving water or tank. Because it reacts more quickly, it prevents high rises and drops of the indoor temperature and water temperature at tap points.

### Advantage

Outdoor reset operation reduces energy consumption.

### Outdoor reset curve

To be able to compensate for differences in temperature, the unit relies on its outdoor reset curve. This curve defines how much the temperature of the tank or leaving water must be at different outdoor temperatures. Because the slope of the curve depends on local circumstances such as climate and the insulation of the building, the curve can be adjusted by an installer or user.

### Types of outdoor reset curve

There are two types of outdoor reset curves:

- 2-points curve
- Slope-offset curve

Which type of curve you use to make adjustments depends on your personal preference. See "[5.9.4 Using outdoor reset curves](#)" [▶ 44].

### Availability

The outdoor reset curve is available for:

- Main zone - Heating
- Main zone – Cooling
- Additional zone - Heating
- Additional zone - Cooling
- Tank (not recommended, only available to installers)



#### INFORMATION

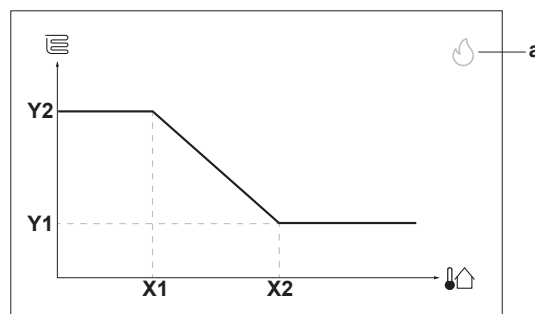
To operate outdoor reset, correctly configure the setpoint of the main zone, additional zone or tank. See "[5.9.4 Using outdoor reset curves](#)" [▶ 44].

## 5.9.2 2-points curve

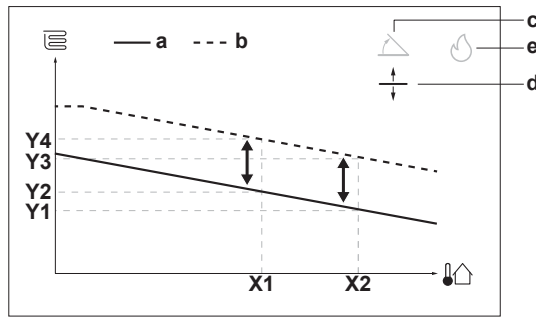
Define the outdoor reset curve with these two setpoints:

- Setpoint (X1, Y2)
- Setpoint (X2, Y1)

### Example







Item	Description
<b>a</b>	Outdoor reset curve before changes.
<b>b</b>	Outdoor reset curve after changes (as example): <ul style="list-style-type: none"> <li>▪ When slope is changed, the new preferred temperature at X1 is unequally higher than the preferred temperature at X2.</li> <li>▪ When offset is changed, the new preferred temperature at X1 is equally higher as the preferred temperature at X2.</li> </ul>
<b>c</b>	Slope
<b>d</b>	Offset
<b>e</b>	Selected outdoor reset zone: <ul style="list-style-type: none"> <li>▪ : Main zone or additional zone heating</li> <li>▪ : Main zone or additional zone cooling</li> <li>▪ : Domestic hot water</li> </ul>
<b>X1, X2</b>	Examples of outdoor ambient temperature
<b>Y1, Y2, Y3, Y4</b>	Examples of target tank temperature or leaving water temperature. The icon corresponds to the heat emitter for that zone: <ul style="list-style-type: none"> <li>▪ : Under-floor heating</li> <li>▪ : Fancoil unit / Fan Convector / AHU</li> <li>▪ : Radiator/Baseboard</li> <li>▪ : Domestic hot water tank</li> </ul>

Possible actions on this screen	
	Select slope or offset.
	Increase or decrease the slope/offset.
	When slope is selected: set slope and go to offset. When offset is selected: set offset.
	Confirm changes and return to the submenu.

### 5.9.4 Using outdoor reset curves

Configure outdoor reset curves as following:

#### To define the setpoint mode

To use the outdoor reset curve, you need to define the correct setpoint mode:

Go to setpoint mode ...	Set the setpoint mode to ...
Main zone – Heating	

Go to setpoint mode ...	Set the setpoint mode to ...
[2.4] Main zone > Setpoint mode	Outdoor Reset heating, fixed cooling OR Outdoor Reset
<b>Main zone – Cooling</b>	
[2.4] Main zone > Setpoint mode	Outdoor Reset
<b>Additional zone – Heating</b>	
[3.4] Additional zone > Setpoint mode	Outdoor Reset heating, fixed cooling OR Outdoor Reset
<b>Additional zone – Cooling</b>	
[3.4] Additional zone > Setpoint mode	Outdoor Reset
<b>Tank</b>	
[5.B] Tank > Setpoint mode	<b>Restriction:</b> Only available to installers. Outdoor Reset

### To change the type of outdoor reset curve

To change the type for all zones (main + additional) and for the tank, go to [2.E] Main zone > Outdoor Reset curve type.

Viewing which type is selected is also possible via:

- [3.C] Additional zone > Outdoor Reset curve type
- [5.E] Tank > Outdoor Reset curve type

**Restriction:** Only available to installers.

### To change the outdoor reset curve

Zone	Go to ...
<b>Main zone – Heating</b>	[2.5] Main zone > Heating Outdoor Reset curve
<b>Main zone – Cooling</b>	[2.6] Main zone > Cooling Outdoor Reset curve
<b>Additional zone – Heating</b>	[3.5] Additional zone > Heating Outdoor Reset curve
<b>Additional zone – Cooling</b>	[3.6] Additional zone > Cooling Outdoor Reset curve
<b>Tank</b>	<b>Restriction:</b> Only available to installers. [5.C] Tank > Outdoor Reset curve



#### INFORMATION

##### Maximum and minimum setpoints

You cannot configure the curve with temperatures that are higher or lower than the set maximum and minimum setpoints for that zone or for the tank. When the maximum or minimum setpoint is reached, the curve flattens out.

### To fine-tune the outdoor reset curve: slope-offset curve

The following table describes how to fine-tune the outdoor reset curve of a zone or tank:

You feel ...		Fine-tune with slope and offset:	
At regular outdoor temperatures ...	At cold outdoor temperatures ...	Slope	Offset
OK	Cold	↑	—
OK	Hot	↓	—
Cold	OK	↓	↑
Cold	Cold	—	↑
Cold	Hot	↓	↑
Hot	OK	↑	↓
Hot	Cold	↑	↓
Hot	Hot	—	↓

### To fine-tune the outdoor reset curve: 2-points curve


The following table describes how to fine-tune the outdoor reset curve of a zone or tank:

You feel ...		Fine-tune with setpoints:			
At regular outdoor temperatures ...	At cold outdoor temperatures ...	Y2 <sup>(a)</sup>	Y1 <sup>(a)</sup>	X1 <sup>(a)</sup>	X2 <sup>(a)</sup>
OK	Cold	↑	—	↑	—
OK	Hot	↓	—	↓	—
Cold	OK	—	↑	—	↑
Cold	Cold	↑	↑	↑	↑
Cold	Hot	↓	↑	↓	↑
Hot	OK	—	↓	—	↓
Hot	Cold	↑	↓	↑	↓
Hot	Hot	↓	↓	↓	↓

<sup>(a)</sup> See "5.9.2 2-points curve" [▶ 42].

## 5.10 Other functions

### 5.10.1 To set Time/date

<b>1</b>	Go to [7.2] User settings > Time/date.	
----------	--	---

### 5.10.2 Using quiet mode

#### About quiet mode

You can use quiet mode to decrease the sound of the outdoor unit. However, this also decreases the heating/cooling capacity of the system. There are multiple quiet mode levels.

The installer can:

- Completely deactivate quiet mode
- Manually activate a quiet mode level

- Enable the user to program a quiet mode schedule
- Configure restrictions based on local regulations

If enabled by the installer, the user can program a quiet mode schedule.



#### INFORMATION

If the outdoor temperature is below 32°F (0°C), we recommend NOT using the most quiet level.

#### To check if quiet mode is active

If is displayed on the home screen, quiet mode is active.

#### To program a quiet mode schedule

**Restriction:** Only possible if enabled by the installer.

<b>1</b>	Go to [7.4.2]: <b>User settings &gt; Quiet &gt; Schedule.</b>	
<b>2</b>	Program the schedule. <b>Possible actions:</b> You can use the following system-defined preset values: <ul style="list-style-type: none"> <li>▪ Off</li> <li>▪ Quiet</li> <li>▪ More quiet</li> <li>▪ Most quiet</li> </ul> For more information about scheduling, see " <a href="#">5.8.2 Using and programming schedules</a> " [▶ 35].	—

### 5.10.3 Using vacation mode

#### About vacation mode

During your vacation, you can use the vacation mode to deviate from your normal schedules without having to change them. While vacation mode is active, space heating/cooling operation and domestic hot water operation will be turned off. Room frost protection and disinfection operation will remain active.

#### Typical workflow

Using vacation mode typically consists of the following stages:

- 1 Activating the vacation mode.
- 2 Setting the starting date and ending date of your vacation.

#### To check if vacation mode is activated and/or running

If is displayed on the home screen, vacation mode is active.

#### To configure the vacation

<b>1</b>	Activate the vacation mode. <ul style="list-style-type: none"> <li>▪ Go to [7.3.1]: <b>User settings &gt; Holiday &gt; Activation.</b></li> </ul> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>7.3.1</p> <p>Activation</p> <p>From</p> <p>To</p> </div> <ul style="list-style-type: none"> <li>▪ Select <b>On</b>.</li> </ul>	—

<b>2</b>	Set the first day of your vacation.	—
	▪ Go to [7.3.2]: From.	
	▪ Select a date.	
	▪ Confirm the changes.	
<b>3</b>	Set the last day of your vacation.	—
	▪ Go to [7.3.3]: To.	
	▪ Select a date.	
	▪ Confirm the changes.	

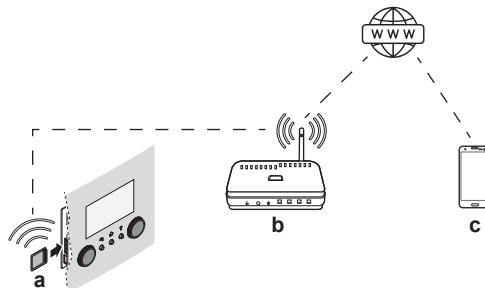
### 5.10.4 Using WLAN

**INFORMATION**  
**Restriction:** WLAN settings are only visible when a WLAN card is inserted in the user interface.

#### About the WLAN card (delivered as an optional accessory)

The WLAN card connects the system to the Internet. As a user, you can then control the system via the *Skyport Home Mobile App*.

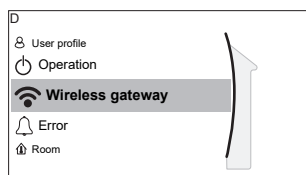
This needs the following components:



<b>a</b>	WLAN card	The WLAN card needs to be inserted in the user interface.
<b>b</b>	Router	Field supplied.
<b>c</b>	Smartphone + app 	The <i>Skyport Home Mobile App</i> needs to be installed on the user's smartphone. See: <a href="https://daikincomfort.com/products/cloud-services-apps">https://daikincomfort.com/products/cloud-services-apps</a> 

#### Configuration

To configure the *Skyport Home Mobile App*, follow the in-app instructions. While doing this, the following actions and information are needed on the user interface:



### [D] Wireless gateway

- [D.1] Enable AP mode
- [D.2] Reboot
- [D.3] WPS
- [D.4] Remove from cloud
- [D.5] Home network connection
- [D.6] Cloud connection

[D.1] **Enable AP mode:** Make the WLAN card active as an access point:

<b>1</b>	Go to [D.1]: <b>Wireless gateway &gt; Enable AP mode.</b>	
<b>2</b>	<p>This setting generates a random SSID and key (+ QR code) needed by the <i>Skyport Home Mobile App</i>:</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>D.1 AP mode enabled</p> <div style="display: flex; align-items: center;"> <div> <p><b>SSID</b> DaikinAPXXXXX</p> <p><b>Key</b> XYZ12345</p> </div> </div> </div> <p>This screen exits automatically after 10 min, or when you press  or  (and confirm):</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p style="text-align: center;">Are you sure you want to exit AP mode?</p> <p>Back</p> <p style="background-color: #cccccc; padding: 2px 10px;">OK</p> </div>	—

[D.2] **Reboot:** Reboot the WLAN card:

<b>1</b>	Go to [D.2]: <b>Wireless gateway &gt; Reboot.</b>	
<b>2</b>	In the <b>Reboot the gateway</b> screen, select <b>OK.</b>	

[D.3] **WPS:** Connect the WLAN card to the router:



#### INFORMATION



You can only use this function if it is supported by the software version of the WLAN, and the software version of the *Skyport Home Mobile App*.

<b>1</b>	Go to [D.3]: <b>Wireless gateway &gt; WPS.</b>	
<b>2</b>	In the <b>WPS</b> screen, select <b>Yes.</b>	



[D.4] **Remove from cloud:** Remove the WLAN card from the cloud:

<b>1</b>	Go to [D.4]: <b>Wireless gateway &gt; Remove from cloud.</b>	
<b>2</b>	In the <b>Remove from cloud</b> screen, select <b>Yes.</b>	

[D.5] **Home network connection:** Read the status of the connection to the home network:

<b>1</b>	Go to [D.5]: <b>Wireless gateway &gt; Home network connection.</b>	
<b>2</b>	Read the connection status: <ul style="list-style-type: none"> <li>▪ <b>Disconnected from [WLAN_SSID]</b></li> <li>▪ <b>Connected to [WLAN_SSID]</b></li> </ul>	

[D.6] **Cloud connection:** Read the status of the connection to the cloud:

<b>1</b>	Go to [D.6]: <b>Wireless gateway &gt; Cloud connection.</b>	
<b>2</b>	Read the connection status: <ul style="list-style-type: none"> <li>▪ <b>Not connected</b></li> <li>▪ <b>Connected</b></li> </ul>	

## 6 Energy saving tips

### Tips about the leaving water temperature

- In heating mode, a lower target leaving water temperature results in lower energy consumption and better performance. In cooling, the opposite is true.
- Set the target leaving water temperature in accordance with the heat emitter type. **Example:** Underfloor heating is designed for a lower leaving water temperature than radiators and heat pump convectors.

### Tips about DHW tank temperature

- Use a weekly schedule for your normal domestic hot water needs (ONLY in scheduled mode).
  - Program to heat up the DHW tank to a preset value (**Comfort** = higher DHW tank temperature) during the night, because then space heating demand is lower.
  - If heating up the DHW tank once at night is NOT sufficient, program to additionally heat up the DHW tank to a preset value (**Eco** = lower DHW tank temperature) during the day.



#### CAUTION

Be aware that the domestic hot water temperature at the hot water tap will be equal to the disinfection setpoint or tank setpoint. High temperature at the hot water tap can cause scalding. To prevent this, either select lower setpoint or use a mixing valve if needed.

- Make sure the target DHW tank temperature is NOT too high. **Example:** After installation, lower the DHW tank temperature daily by one degree and check if you still have enough hot water.

# 7 Maintenance and service

## 7.1 Overview: Maintenance and service

The installer has to perform a yearly maintenance service. You can find the contact/help desk number via the user interface.

<b>1</b>	Go to [8.3]: <b>Information &gt; Dealer information.</b>	
----------	--	---

As the end user, you have to:

- Keep the area around the unit clean.
- Keep the user interface clean with a soft damp cloth. Do NOT use any detergents.
- Regularly check if the water pressure is above 14.5 PSI (1 bar).



### NOTICE

The pump is equipped with an anti-blockage safety routine. This means that the pump operates for a short period of time every 24 hours during long periods of inactivity to ensure it does not get stuck. To enable this function, the unit must be connected to the power supply all year round.

### Refrigerant

This product contains fluorinated greenhouse gases. Do NOT vent gases into the atmosphere.

Refrigerant type: R32

Global warming potential (GWP) value: 675

Periodical inspections for refrigerant leaks may be required depending on the applicable codes. Contact your installer for more information.



### WARNING: FLAMMABLE MATERIAL

The refrigerant inside this unit is mildly flammable.



### WARNING

- The refrigerant inside the unit is mildly flammable, but normally does NOT leak. If the refrigerant leaks in the room and comes in contact with fire from a burner, a heater, or a cooker, this may result in fire, or the formation of a harmful gas.
- Turn OFF any combustible heating devices, ventilate the room, and contact the dealer where you purchased the unit.
- Do NOT use the unit until a service person confirms that the part from which the refrigerant leaked has been repaired.



### WARNING

- Do NOT pierce or burn refrigerant cycle parts.
- Do NOT use cleaning materials or means to accelerate the defrosting process other than those recommended by the manufacturer.
- Be aware that the refrigerant inside the system is odorless.

**NOTICE**

Applicable codes on **fluorinated greenhouse gases** may require that the refrigerant charge of the unit is indicated both in weight and CO<sub>2</sub> equivalent.


**Formula to calculate the quantity in CO<sub>2</sub> equivalent tons:** GWP value of the refrigerant × total refrigerant charge [in kg]/1000

Contact your installer for more information.

# 8 Troubleshooting


## Contact

For the symptoms listed below, you can try to solve the problem yourself. For any other problem, contact your installer. You can find the contact/help desk number via the user interface.


<b>1</b>	Go to [8.3]: <b>Information &gt; Dealer information.</b>	
----------	--	---

## 8.1 To display the help text in case of an error

In case of an error, the following will appear on the home screen depending on the severity:

- : Error
- : Malfunction

You can get a short and a long description of the error as follows:

<b>1</b>	Press the left dial to open the main menu and go to <b>Error</b> . <b>Result:</b> A short description of the error and the error code is displayed on the screen.	
<b>2</b>	Press <b>?</b> in the error screen. <b>Result:</b> A long description of the error is displayed on the screen.	<b>?</b>

## 8.2 To check the error history

**Conditions:** The user permission level is set to advanced end user.

<b>1</b>	Go to [8.2]: <b>Information &gt; Error history.</b>	
----------	---	---

You see a list of the most recent errors.

## 8.3 Symptom: You are feeling too cold (hot) in your living space

Possible cause	Corrective action
The target room temperature is too low (high).	Adjust the external thermostat on/off temperature setting.  If the problem recurs daily, do one of the following: <ul style="list-style-type: none"> <li>▪ Increase (decrease) the room temperature preset value. See <a href="#">"5.8.1 Using preset values"</a> [▶ 34].</li> <li>▪ Adjust the room temperature schedule. See <a href="#">"5.8.2 Using and programming schedules"</a> [▶ 35] and <a href="#">"5.8.3 Schedule screen: Example"</a> [▶ 37].</li> </ul>

Possible cause	Corrective action
The target room temperature cannot be reached.	Increase the target leaving water temperature in accordance with the heat emitter type. See <a href="#">"5.6.4 To change the target leaving water temperature"</a> [▶ 29].
The outdoor reset curve is set incorrectly.	Adjust the outdoor reset curve. See <a href="#">"5.9 Outdoor reset curve"</a> [▶ 41].

## 8.4 Symptom: The water at the tap is too cold

Possible cause	Corrective action
You ran out of domestic hot water because of unusually high consumption.	If you immediately need domestic hot water, activate the DHW tank <b>Powerful operation</b> . However, this consumes extra energy. See <a href="#">"5.7.5 Using DHW powerful operation"</a> [▶ 34].
The target DHW tank temperature is too low.	If the problem recurs daily, do one of the following: <ul style="list-style-type: none"> <li>▪ Increase the DHW tank temperature preset value. See <a href="#">"5.8.1 Using preset values"</a> [▶ 34].</li> <li>▪ Adjust the DHW tank temperature schedule. <b>Example:</b> Program to additionally heat up the DHW tank to a preset value (<b>Eco setpoint</b> = lower tank temperature) during the day. See <a href="#">"5.8.2 Using and programming schedules"</a> [▶ 35] and <a href="#">"5.8.3 Schedule screen: Example"</a> [▶ 37].</li> </ul>

## 8.5 Symptom: Heat pump failure

When the heat pump fails to operate, the backup heater and/or booster heater can serve as an emergency heater. It then takes over the heat load either automatically or by manual interaction.

- When **Emergency** is set to **Automatic** and a heat pump failure occurs, the backup heater automatically takes over the heat load, and the booster heater in the optional tank takes over the domestic hot water production.
- When **Emergency** is set to **Manual** and a heat pump failure occurs, the domestic hot water heating and space heating stops.


To manually recover it via the user interface, go to the **Error** main menu screen and confirm whether the backup heater and/or booster heater can take over the heat load or not.

- Alternatively, when **Emergency** is set to:
  - **auto Space Heating reduced/DHW on**, space heating is reduced but domestic hot water is still available.
  - **auto Space Heating reduced/DHW off**, space heating is reduced and domestic hot water is NOT available.
  - **auto Space Heating normal/DHW off**, space heating operates as normally but domestic hot water is NOT available.

Similarly as in **Manual** mode, the unit can take the full load with the backup heater and/or booster heater if the user activates this via the **Error** main menu screen.



When the heat pump fails,  or  will appear on the user interface.

Possible cause	Corrective action
Heat pump is damaged.	See "8.1 To display the help text in case of an error" [▶ 54].






**INFORMATION**  
When the backup heater or booster heater takes over the heat load, electricity consumption will be considerably higher.

## 8.6 Symptom: The system is making gurgling noises after commissioning

Possible cause	Corrective action
There is air in the system.	Purge air from the system. <sup>(a)</sup>
Incorrect hydraulic balance.	To be performed by the installer: <ol style="list-style-type: none"> <li>1 Perform hydraulic balancing to assure that the flow is correctly distributed between the emitters.</li> <li>2 If hydraulic balancing is not sufficient, change the pump limitation settings ([9-0D] and [9-0E] if applicable).</li> </ol>
Various errors.	Check if  or  is displayed on the home screen of the user interface. See "8.1 To display the help text in case of an error" [▶ 54] for more information about the error.

<sup>(a)</sup> We recommend purging air with the air purge function of the unit (to be performed by the installer). If you purge air from the heat emitters or collectors, mind the following:




**WARNING**  
**Air purging heat emitters or collectors.** Before you purge air from heat emitters or collectors, check if  or  is displayed on the home screen of the user interface.

- If not, you can purge air immediately.
- If yes, make sure that the room where you want to purge air is sufficiently ventilated. **Reason:** In case of a breakdown, refrigerant might leak into the water circuit, and subsequently into the room when you purge air from the heat emitters or collectors.

# 9 Relocation

## 9.1 Overview: Relocation

If you want to relocate parts of your system, contact your installer. You can find the contact/help desk number via the user interface.

<b>1</b>	Go to [8.3]: <b>Information &gt; Dealer information.</b>	
----------	--	---

# 10 Disposal



## **NOTICE**

Do NOT try to dismantle the system yourself: dismantling of the system, treatment of the refrigerant, oil and other parts **MUST** comply with applicable codes. Units **MUST** be treated at a specialized treatment facility for reuse, recycling and recovery.

# 11 Glossary

**DHW = Domestic hot water**

Hot water used, in any type of building, for domestic purposes.

**LWT = Leaving water temperature**

Water temperature at the water outlet of the unit.

**Dealer**

Sales distributor for the product.

**Authorized installer**

Technical skilled person who is qualified to install the product.

**User**

Person who is owner of the product and/or operates the product.

**Applicable codes**

All national and local laws, regulations and/or codes that are relevant and applicable for a certain product or domain.

**Service company**

Qualified company which can perform or coordinate the required service to the product.

**Installation manual**

Instruction manual specified for a certain product or application, explaining how to install, configure and maintain it.

**Operation manual**

Instruction manual specified for a certain product or application, explaining how to operate it.

**Accessories**

Labels, manuals, information sheets and equipment that are delivered with the product and that need to be installed according to the instructions in the accompanying documentation.

**Optional equipment**

Equipment made or approved by Daikin that can be combined with the product according to the instructions in the accompanying documentation.

**Field supplied**

Equipment NOT made by Daikin that can be combined with the product according to the instructions in the accompanying documentation.

# 12 Installer settings: Tables to be filled in by installer

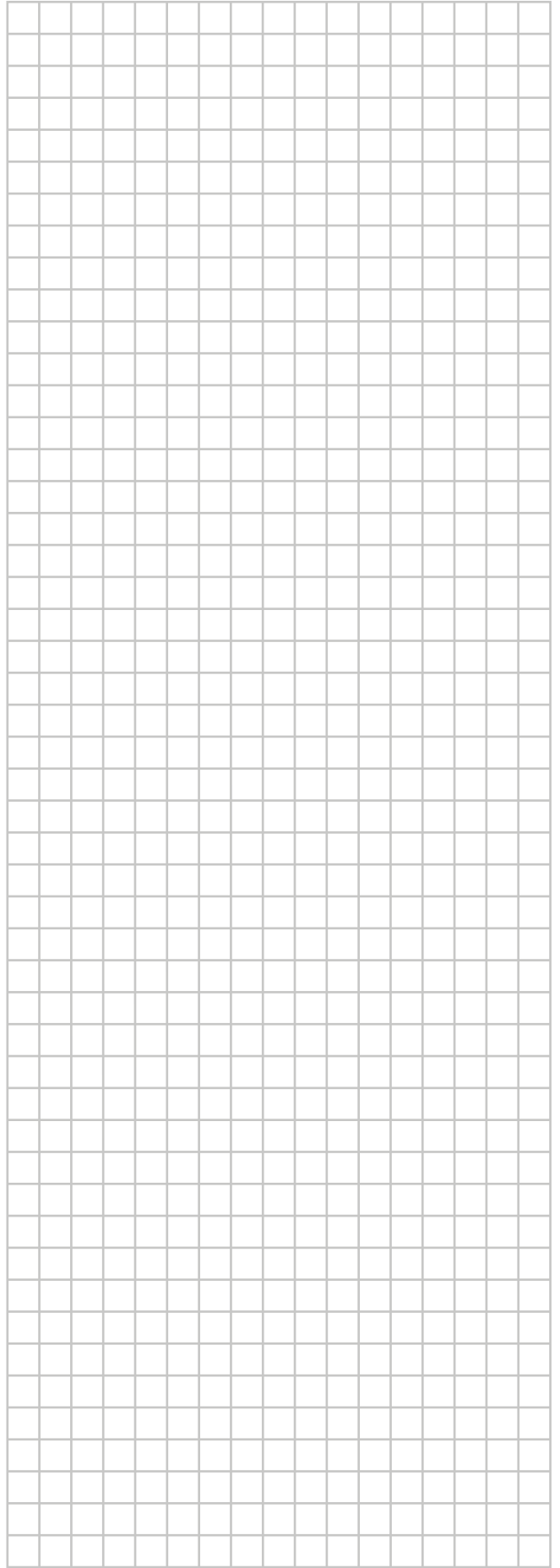
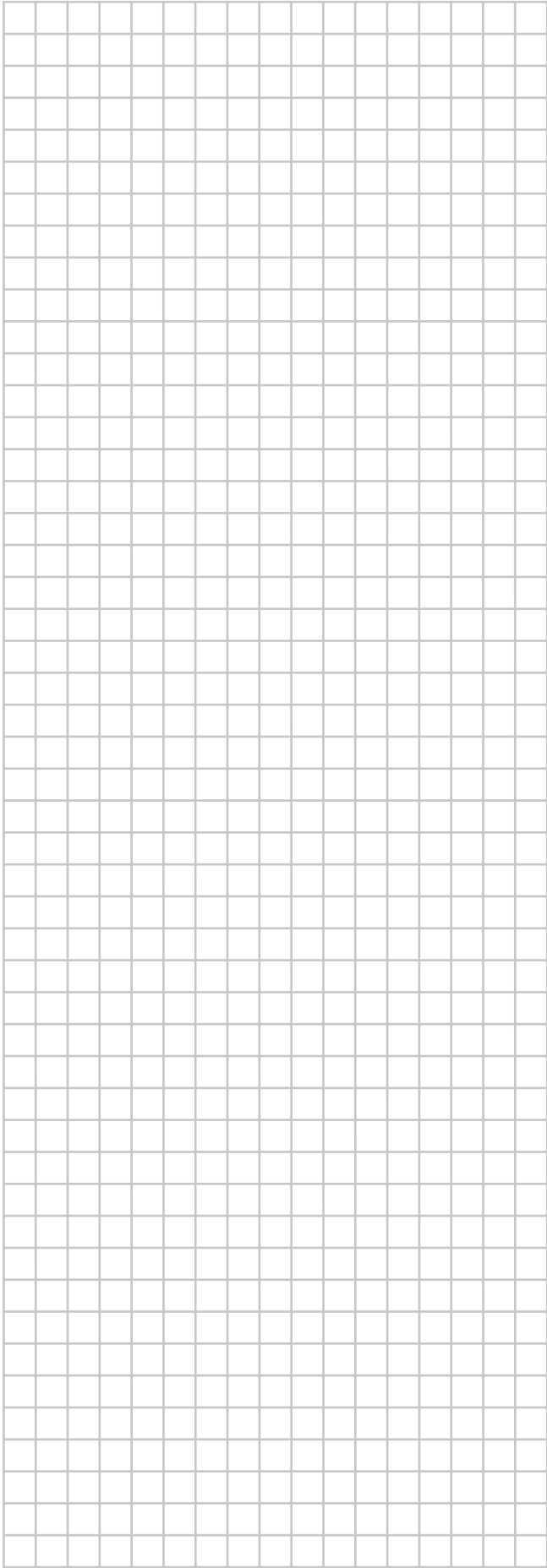
## 12.1 Configuration wizard

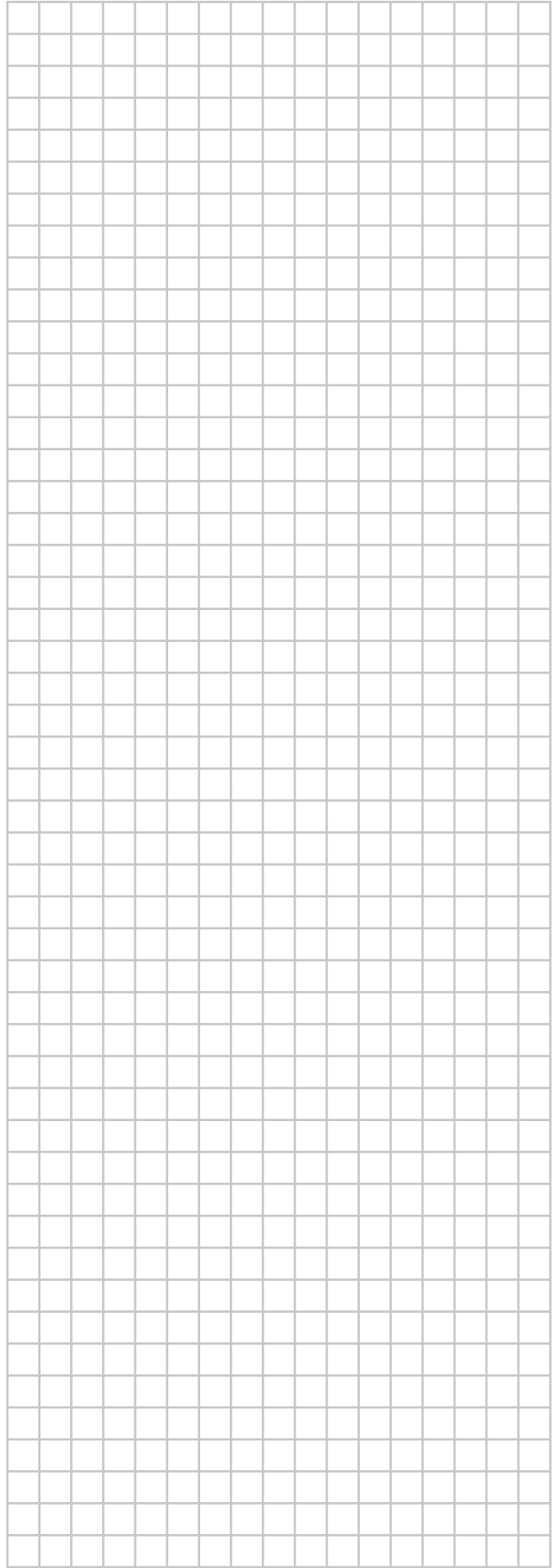
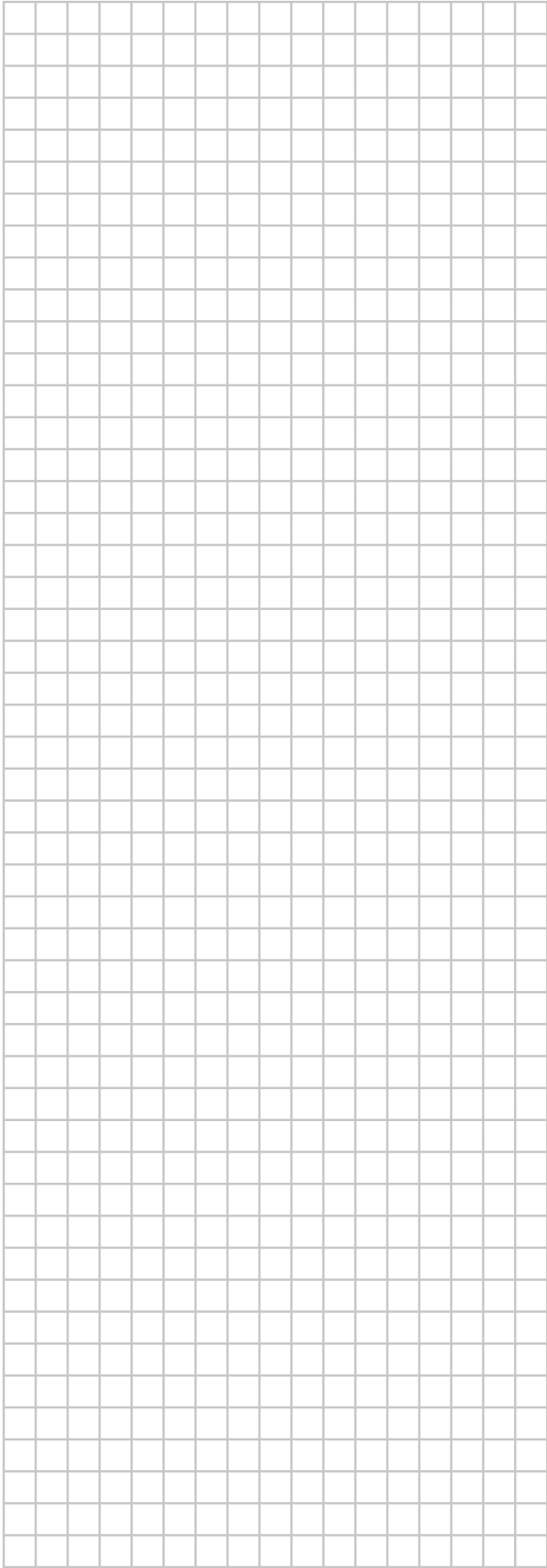
Setting		Fill in...
<b>System</b>		
	Indoor unit type (read only)	
	Backup heater type [9.3.1] (read only)	
	Domestic hot water [9.2.1]	
	Emergency [9.5]	
	Number of zones [4.4]	
	Glycol Filled system (overview field setting [E-0D])	
	Booster heater capacity [9.4.1] (if applicable)	
<b>Backup heater</b>		
	Voltage [9.3.2]	
	Configuration [9.3.3]	
	Capacity step 1 [9.3.4]	
	Additional capacity step 2 [9.3.5] (if applicable)	
<b>Main zone</b>		
	Emitter type [2.7]	
	Control [2.9]	
	Setpoint mode [2.4]	
	Schedule [2.1]	
	Outdoor Reset curve type [2.E]	
<b>Additional zone (only if [4.4]=1, dual zone)</b>		
	Emitter type [3.7]	
	Control (read only) [3.9]	
	Setpoint mode [3.4]	
	Schedule [3.1]	
	Outdoor Reset curve type [3.C] (read only)	
<b>Tank (if applicable)</b>		

Setting		Fill in...
	Heat up mode [5.6]	
	Comfort setpoint [5.2]	
	Eco setpoint [5.3]	
	Reheat setpoint [5.4]	
	Setpoint mode [5.B]	
	Outdoor Reset curve type [5.E] (read only)	

## 12.2 Settings menu

Setting		Fill in...
Main zone		
	External thermostat type [2.A]	
Additional zone (if applicable)		
	External thermostat type [3.A]	
Information		
	Dealer information [8.3]	





RECOGNIZED  
COMPONENT



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Intertek

Our continuing commitment to quality products may mean a change in specifications without notice.

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