FLEXIT

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2022-09

NordicPanel

ART. NO. 119772

EN

USER GUIDE

Control panel

All electrical connections must be made by a professional.

Our products are in continuous development, and we therefore reserve the right to make changes.
We accept no liability for printing errors.

1. Description

NordicPanel is a control panel for controlling/regulating the ventilation units in Flexit's Nordic series. To add accessories and change certain settings, the unit must be connected to a network with WIFI. Then you can use the Flexit GO app on a mobile phone or tablet. The app is free, and you can download it from the App Store and Google Play.

A blue symbol indicates that the symbol is linked to a function, i.e. you can press it, while symbols with other colours are for information only.

1.1. VENTILATION SPEEDS

There are five speed modes to choose from, four of which you can change using NordicPanel. The current speed is shown as a filled-in symbol.

NordicPanel can be fitted to Nordic air handling units manufactured after 1 October 2022.

Just check for a cable on top of the unit marked "NordicPanel".
You can also install NordicPanel on older units manufactured between May 2019 and September 2022. All you need is a cable kit. Contact your nearest dealer for more information.

Inactive	Active	
		AWAY: This is a constant mode and is intended for when the building is not in use for extended periods. You can also set a delayed start, which can be useful if you have just finished showering before leaving the house. If ⧖ is displayed together with the symbol, it means that there is a time delay before the unit switches from the current speed to AWAY.
		HOME: This is a constant mode and is intended for when the building is in normal use.
		HIGH: This can be both a constant mode and a temporary mode with a set duration. It is intended for when you temporarily need more ventilation. If 🕐 is displayed together with the symbol, this means there is a timer set for HIGH and ventilation will return to the previous speed when the timer runs out.
		FIREPLACE: This is only available as a temporary mode with a set duration. It is intended for temporary use together with a fireplace. It creates an overpressure in the building to facilitate smoke going up the chimney, which prevents smoke from entering the building. If 🕐 is displayed together with the symbol, this means there is a timer set for FIREPLACE and ventilation will return to the previous speed when the timer runs out.
		COOKER HOOD: This mode can only be activated using a wireless or wired accessory that is mounted on your cooker hood. (Cannot be activated from the panel). The function is then automatically activated when you use your cooker hood. The icon is only displayed when the function is activated.

1.2. VENTILATION TEMPERATURES

There are two temperature modes to choose from in NordicPanel, AWAY and HOME.

		AWAY: This mode sets the temperature for the AWAY speed mode. Can regulate both supply air and extract air depending on the settings made on the unit. The default setting is to regulate the supply air temperature. You change the type of regulation via the Flexit GO app. For an explanation of supply and exhaust air regulation, see section 4.2 “Air temperature” in the Flexit GO user manual
		HOME: This mode sets the temperature for the HOME speed mode and other temperature modes (HIGH, FIREPLACE etc.). Can regulate both supply air and extract air depending on the settings made on the unit. The default setting is to regulate the supply air temperature. You change the regulation type via the Flexit GO app. For an explanation of supply and exhaust air regulation, see section 4.2 “Air temperature” in the Flexit GO user manual.

1.3. HOT WATER – ECONORDIC W4/WH4

Settings for heating and hot water must be made by authorised personnel via the Flexit GO app, where additional settings must be made to ensure the correct configuration.

Deactivated	Active	
		ECO: The most economical way to produce hot water. The tank’s top sensor is used to trigger the refilling of the tank with hot water from the heat pump. Refilling is triggered when there is about 15 per cent hot water left in the tank.
		COMFORT: An economical way to produce hot water. The tank’s mid-sensor is used to trigger the refilling of the tank with hot water from the heat pump. Refilling is triggered when there is about 50 per cent hot water left in the tank. If there is high hot water consumption and the hot water level in the tank drops below 15 per cent, extra electric heating is activated to increase hot water production.
		BOOST: A temporary mode with adjustable duration, which can be used when you plan to have very high hot water consumption. Refilling of hot water starts when the hot water level drops below 100 per cent and extra electric heating is activated if the level drops below 50 per cent. When the boost time has elapsed, the water mode returns to the previous mode, Eco or Comfort.

1.4. HEATING – ECONORDIC WH4

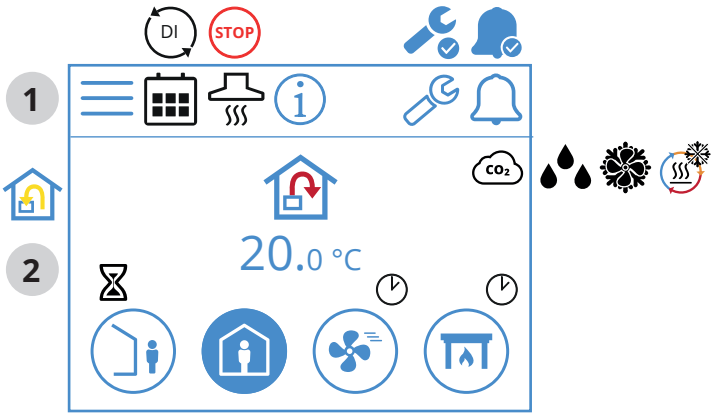
+0.0	The set heating curve parallel is shifted up and down in steps of -0.5. Min. deviation is -10.0 and max. is + 10.0.

2. Screens

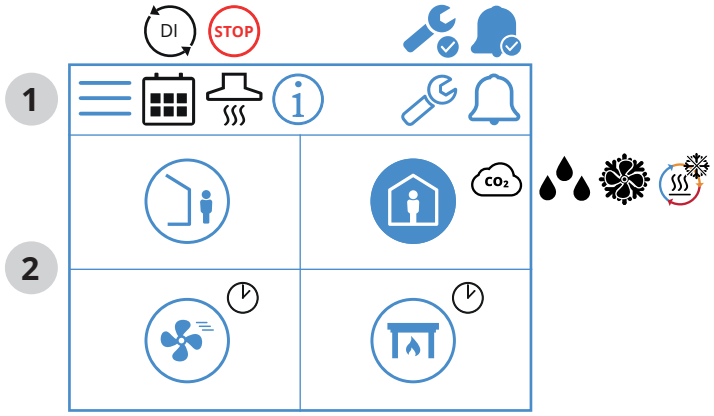
2.1. HOME SCREEN – NORDIC

The home screen is the start screen when you switch the unit on or when you exit the screen saver.
You can select three different home screens according to your needs/configuration of the unit. You do this from the configuration menu. The number of symbols may vary depending on the settings and operating status (calendar, alarm etc.). Blue icons are linked to a function, and you can press them. Other colours are for information only.

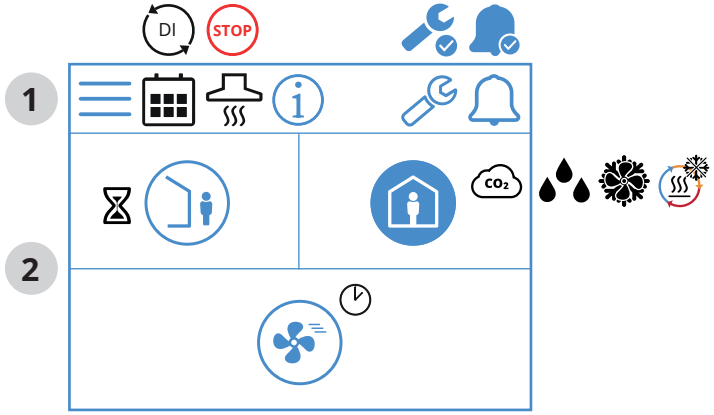
Home screen 1



Home screen 2



Home screen 3



Home screen icons – Nordic

1 Status field

	Open Menu
	The calendar function has been activated. You do this via the Flexit GO app.
DI	A digital input (moisture sensor, forcing switch etc.) is active and overrides the current speed mode.
	Open the info page, where there is a link to the manual for the panel.
	Service alarm active. Press the symbol to open the alarm menu.
	A-alarm active. Press the symbol to open the alarm menu.

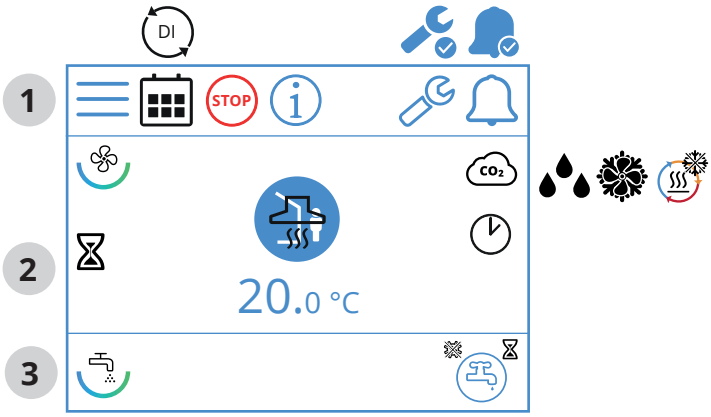
2 Ventilation

	Temperature regulation is set to supply air. To change the regulation type, use the Flexit GO app.
	Temperature regulation is set to extract air. To change the regulation type, use the Flexit GO app.
20.0 °C	Set the temperature. Press to change.
CO_2	CO_2 regulation is active.
	Dehumidification regulation is active.
	De-icing of the regenerator is active.
	Free cooling is active.
	Delay before the unit switches to AWAY mode.
	AWAY speed mode. Press to change speed.
	AWAY speed mode is active.
	AWAY speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	AWAY speed mode is active and controlled via a digital input.
	HOME speed mode. Press to change speed.
	HOME speed mode is active.
	HOME speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	HOME speed mode is active and controlled via a digital input.
	Timer for HIGH mode. The unit switches back to the previous speed when the timer runs out.

	HIGH speed mode. Press to change speed.
	HIGH speed mode is active.
	HIGH speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	HIGH speed mode is active and controlled via a digital input.
	FIREPLACE speed mode. Press to change speed.
	FIREPLACE speed mode is active.
	FIREPLACE speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	FIREPLACE speed mode is active and controlled via a digital input.

2.2. HOME SCREEN – ECONORDIC W4

The home screen is the start screen when you switch the unit on or when you exit the screen saver.
The number of symbols may vary depending on the settings and operating status (calendar, alarm etc.).
Blue icons are linked to a function and you can press them. Other colours are for information only.



Home screen icons – EcoNordic WH4

1 Status field

	Open menu
	The calendar function has been activated. You do this via the Flexit GO app.
DI	A digital input (moisture sensor, forcing switch etc.) is active and overrides the current speed mode.
STOP	STOP speed mode is active.
	Open the info page, where there is a link to the manual for the panel.
	Service alarm active. Press the symbol to open the alarm menu.
	A-alarm active. Press the symbol to open the alarm menu.

2 Ventilation

	Symbol indicating the ventilation element in the panel.
	Temperature regulation is set to supply air. To change the regulation type, use the Flexit GO app.
	Temperature regulation is set to extract air. To change the regulation type, use the Flexit GO app.
20.0 °C	Set the temperature. Press to change.
CO_2	CO_2 regulation is active.
	Dehumidification regulation is active.
	De-icing of the regenerator is active.
	Free cooling is active.
	Delay before the unit switches to AWAY mode.
	AWAY speed mode. Press to change speed.
	AWAY speed mode is active
	AWAY speed mode is inactive. The speed is controlled via digital input and cannot be changed via the panel.
	AWAY speed mode is active and controlled via a digital input.
	HOME speed mode. Press to change speed.
	HOME speed mode is active.
	HOME speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	HOME speed mode is active and controlled via a digital input.
	Timer for HIGH mode. The unit switches back to the previous speed when the timer runs out.
	HIGH speed mode. Press to change speed.
	HIGH speed mode is active.

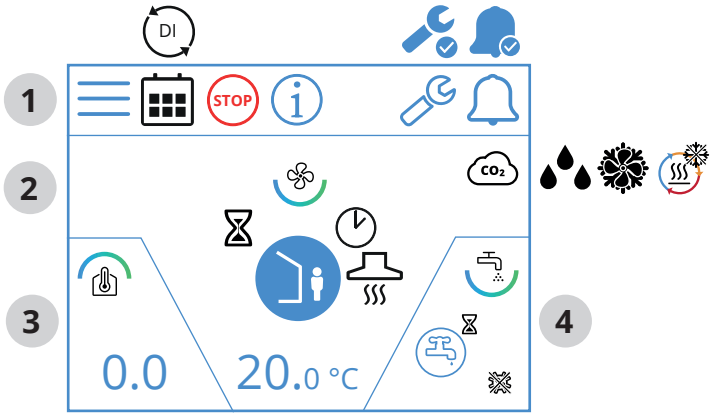
	HIGH speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	HIGH speed mode is active and controlled via a digital input.
	FIREPLACE speed mode. Press to change speed.
	FIREPLACE speed mode is active.
	FIREPLACE speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	FIREPLACE speed mode is active and controlled via a digital input.
	KITCHEN HOOD speed mode is active and controlled via a digital input.

3 Hot water

	Symbol indicating the hot water element in the panel.
	Symbol indicating the ECO hot water mode is selected but on standby.
	Symbol indicating the ECO hot water mode will be selected after timer runs out.
	Symbol indicating the ECO hot water mode is selected and active.
	Symbol indicating the NORMAL hot water mode is selected but on standby.
	Symbol indicating the NORMAL hot water mode is selected and active.
	Symbol indicating the BOOST hot water mode is selected but on standby.
	Symbol indicating the BOOST hot water mode is selected and active.
	Symbol indicating the temporary BOOST hot water mode is selected but on standby.
	Symbol indicating the temporary BOOST hot water mode is selected and active.
	Symbol indicating the legionella hot water mode is active.

2.3. HOME SCREEN – ECONORDIC WH4

The home screen is the start screen when you switch the unit on or when you exit the screen saver. The number of symbols may vary depending on the settings and operating status (calendar, alarm etc.). Blue icons are linked to a function, and you can press them. Other colours are for information only.



Home screen icons – EcoNordic WH4

1 Status field

	Open menu
	The calendar function has been activated. You do this via the Flexit GO app.
DI	A digital input (moisture sensor, forcing switch etc.) is active and overrides the current speed mode.
STOP	STOP speed mode is active.
	Open the info page, where there is a link to the manual for the panel.
	Service alarm active. Press the symbol to open the alarm menu.
	A-alarm active. Press the symbol to open the alarm menu.

2 Ventilation

	Symbol indicating the ventilation element in the panel.
	Temperature regulation is set to supply air. To change the regulation type, use the Flexit GO app.
	Temperature regulation is set to extract air. To change the regulation type, use the Flexit GO app.
20.0 °C	Set the temperature. Press to change.
CO2	CO_2 regulation is active.
	Dehumidification regulation is active.
	Free cooling is active.
	De-icing of the regenerator is active.
	Delay before the unit switches to AWAY mode.

	AWAY speed mode. Press to change speed.
	AWAY speed mode is active
	AWAY speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	AWAY speed mode is active and controlled via a digital input.
	HOME speed mode. Press to change speed.
	HOME speed mode is active.
	HOME speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	HOME speed mode is active and controlled via a digital input.
	Timer for HIGH mode. The unit switches back to the previous speed when the timer runs out.
	HIGH speed mode. Press to change speed.
	HIGH speed mode is active.
	HIGH speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	HIGH speed mode is active and controlled via a digital input.
	FIREPLACE speed mode. Press to change speed.
	FIREPLACE speed mode is active.
	FIREPLACE speed mode is inactive. The speeds are controlled via digital input and cannot be changed via the panel.
	FIREPLACE speed mode is active and controlled via a digital input.
	KITCHEN HOOD speed mode is active and controlled via a digital input.

3 Heating

	Symbol indicating the heating element in the panel.
0.0	Displacement of set heating curve.

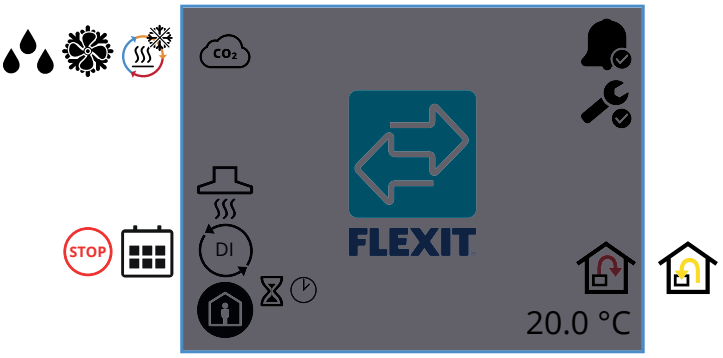
4 Hot water

	Symbol indicating the hot water element in the panel.
	Symbol indicating the ECO hot water mode is selected but on standby.
	Symbol indicating the ECO hot water mode will be selected after timer runs out.
	Symbol indicating the ECO hot water mode is selected and active.
	Symbol indicating the NORMAL hot water mode is selected but on standby.
	Symbol indicating the NORMAL hot water mode is selected and active.
	Symbol indicating the BOOST hot water mode is selected but on standby.
	Symbol indicating the BOOST hot water mode is selected and active.
	Symbol indicating the temporary BOOST hot water mode is selected but on standby.
	Symbol indicating the temporary BOOST hot water mode is selected and active.
	Symbol indicating the legionella hot water mode is active.

2.4. SCREENSAVER

If the screen is left untouched for 30 seconds, the panel goes into screensaver mode. The backlight dims and only a few operating icons are displayed. You can choose between different backlight brightness levels via the configuration menu.

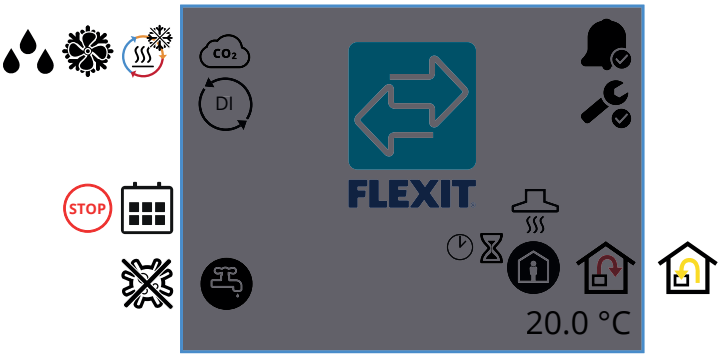
2.4.1. Screensaver – Nordic



Screensaver icons – Nordic

CO₂	CO_2 regulation is active.
	De-icing of the regenerator is active.
	Free cooling is active.
	Dehumidification regulation is active.
	COOKER HOOD speed mode is activated.
DI	A digital input (moisture sensor, forcing switch etc.) is active and overrides the current speed mode.
	The calendar function has been activated. You do this via the Flexit GO app.
STOP	Stop is activated.
	Timer for HIGH or FIREPLACE mode. The unit switches back to the previous speed when the timer runs out.
	Delay before the unit switches to AWAY mode.
	AWAY speed mode is active
	HOME speed mode is active.
	HIGH speed mode is active.
	FIREPLACE speed mode is active.
	Shows that there is an A-alarm on the unit. Open the alarm menu for more info.
	Shows that there is a maintenance alarm on the unit. Open the alarm menu for more info.
	Temperature regulation is set to supply air.
	Temperature regulation is set to extract air.
20.0 °C	Shows the current temperature at which the unit is set.

2.4.2. Screensaver – EcoNordic W4

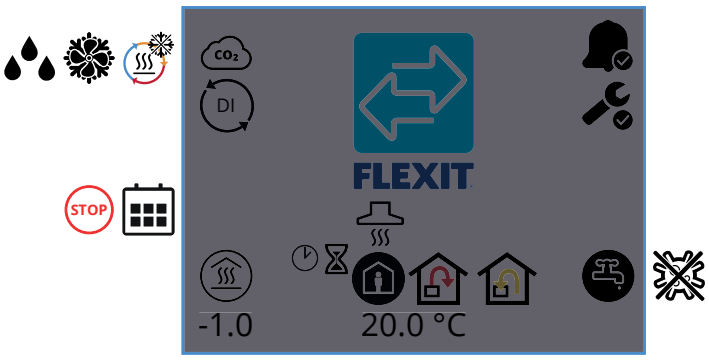


Screensaver icons – EcoNordic W4

CO₂	CO_2 regulation is active.
	De-icing of the regenerator is active.
	Free cooling is active.
	Humidity regulation active
DI	A digital input (moisture sensor, forcing switch etc.) is active and overrides the current speed mode.
	The calendar function has been activated. You do this via the Flexit GO app.
STOP	Stop is activated.
	Hot water mode ECO selected and is passive.
	Hot water mode ECO selected and is active.
	Hot water mode NORMAL selected and is passive.
	Hot water mode NORMAL selected and is active.

	Hot water mode BOOST selected and is passive.
	Hot water mode BOOST selected and is active.
	The heat pump is running in legionella mode.
	Shows that there is an A-alarm on the unit. Open the alarm menu for more info.
	Shows that there is a maintenance alarm on the unit. Open the alarm menu for more info.
	COOKER HOOD speed mode is activated.
	Timer for HIGH or FIREPLACE mode. The unit switches back to the previous speed when the timer runs out.
	Delay before the unit switches to AWAY mode.
	AWAY speed mode is active
	HOME speed mode is active.
	HIGH speed mode is active.
	FIREPLACE speed mode is active.
	Temperature regulation is set to supply air. To change the regulation type, use the Flexit GO app.
	Temperature regulation is set to extract air. To change the regulation type, use the Flexit GO app.
20.0 °C	Shows the current temperature at which the unit is set.

2.4.3. Screensaver – EcoNordic WH4



Screensaver icons – EcoNordic W4

	CO_2 regulation is active.
	De-icing of the regenerator is active.
	Free cooling is active.
	Humidity regulation is active
DI	A digital input (moisture sensor, forcing switch etc.) is active and overrides the current speed mode.
	The calendar function has been activated. You do this via the Flexit GO app.
STOP	Stop is activated.
-1.0	Parallel displacement of the heat output curve.
	Timer for HIGH or FIREPLACE mode. The unit switches back to the previous speed when the timer runs out.
	Delay before the unit switches to AWAY mode.
	COOKER HOOD speed mode is activated.
	AWAY speed mode is active
	HOME speed mode is active.
	HIGH speed mode is active.
	FIREPLACE speed mode is active.
	Temperature regulation is set to supply air. To change the regulation type, use the Flexit GO app.
	Temperature regulation is set to extract air. To change the regulation type, use the Flexit GO app.
20.0 °C	Shows the current temperature at which the unit is set.
	Shows that there is an A-alarm on the unit. Open the alarm menu for more info.
	Shows that there is a maintenance alarm on the unit. Open the alarm menu for more info.
	Hot water mode ECO selected and is passive.
	Hot water mode ECO selected and is active.
	Hot water mode NORMAL selected and is passive.
	Hot water mode NORMAL selected and is active.
	Hot water mode BOOST selected and is passive.
	Hot water mode BOOST selected and is active.
	The heat pump is running in legionella mode.

2.5. MAINTENANCE ALARM

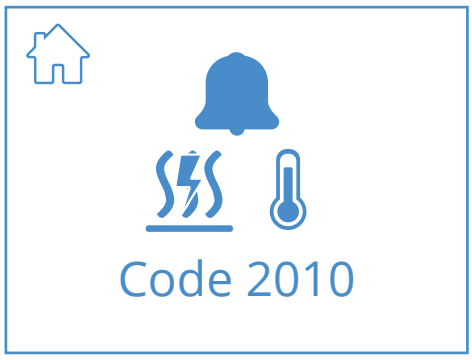
If there is a maintenance alarm while the panel is in screensaver mode, the panel switches to this mode and the panel backlight flashes on and off to draw attention to the alarm.
The symbol and code show which alarm is active.
Press the icon to open the alarm page.

Maintenance alarm icons

	Open the Home screen.
	Service alarm active. Press the symbol to open the alarm menu.
Code 1011	Icon and code showing the current alarm. In this case, a supply air fan fault.

2.6. A-ALARM

If there is an A-alarm while the panel is in screensaver mode, the panel switches to this mode and the panel backlight flashes on and off to draw attention to the alarm. The symbol and code show which alarm is active.
Press the icon to open the alarm page.



A-alarm icons

	Open the Home screen.
	A-alarm active. Press the symbol to open the alarm menu.
Code 2010	Icon and code showing the current alarm. In this case, the fire thermostat has been tripped.

2.7. INFO SCREEN

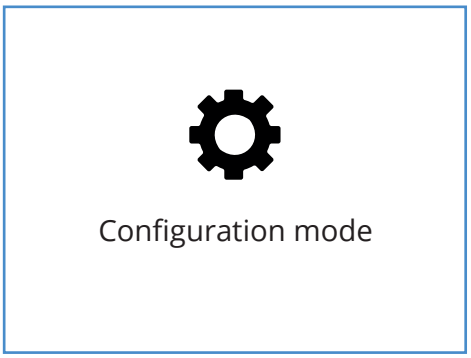
Link to the manual on Flexit's website. Scan the QR code to open the manual.

Info screen icons

	Open the Home screen.
	QR code that links to the manual on Flexit's website.

2.8. CONFIGURATION SCREEN

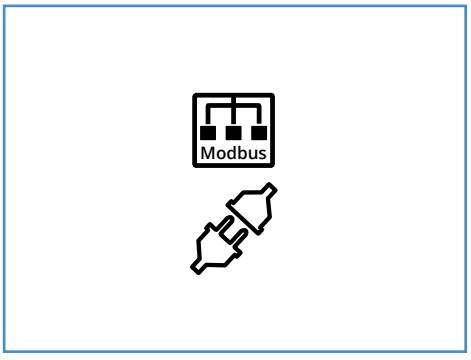
You see this screen when the unit is set to configuration mode in the Flexit GO app or via the cloud connection.



Configuration screen. Displayed when the unit is set to configuration mode.

2.9. COMMUNICATION SCREEN

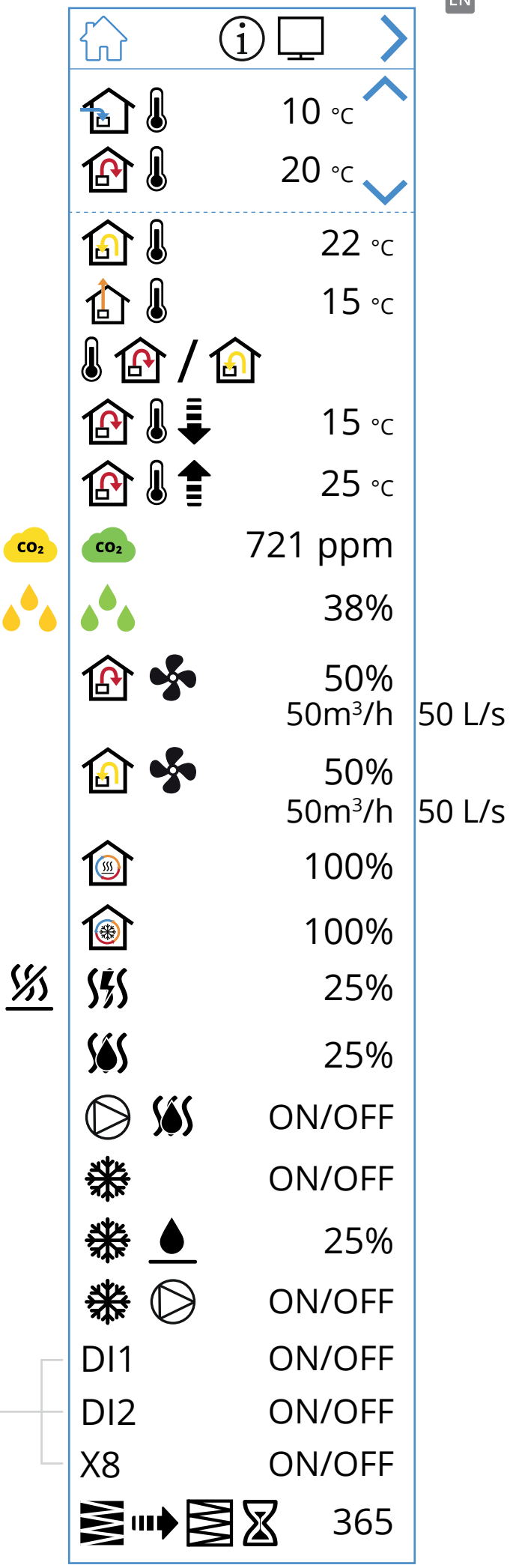
You see this screen when the panel is not in contact with the unit. May be connected incorrectly or damaged/poor cable connection.



Communication screen. Displayed if the panel has lost contact with the unit.

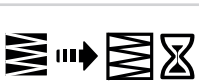
2.10. OVERVIEW SCREEN 1

This screen shows an overview of all of the unit's temperatures, speeds etc.
What you see varies, depending on which functions are configured/activated on the unit.



The unit has three digital inputs where you can connect accessories to activate certain functions (standard DI1 = High, DI2 = Cocker hood, X8 = Away, only via the accessory connector).
You can read the status of inputs here. The inputs can be configured to other functions via the Flexit GO app.

Icons for overview screen 1

	Open the Home screen.
	Go to Overview screen 2.
	Scroll up the menu.
	Scroll down the menu.
	Current outside air temperature.
	Current supply air temperature.
	Current extract air temperature.
	Current exhaust air temperature
	Current temperature regulation: Supply air
	Current temperature regulation: Extract air
	Min. inflow temperature. Only with temperature regulation: Extract air
	Max. supply temperature. Only with temperature regulation: Extract air
	Indicates current value of CO_2 sensor (requires accessory)
	Indicates current value of humidity sensor (requires accessory)
	Indicates the current force of supply air fan in %. Also shows current air flow (m^3/h or L/s) on EcoNordic.
	Indicates the current force of extract air fan in %. Also shows current air flow (m^3/h or L/s) on EcoNordic.
	Indicates the current load on the regenerator during heat recovery in %.
	Indicates the current load on the regenerator during cold recovery in %.
	Indicates that the electric post-heating coil is deactivated.
	Indicates the load on the electric post-heating coil in %.
	Indicates the pressure on the valve on the water post-heating coil in %.
	Indicates the load (on/off) on the water pump on the water post-heating coil.
	Indicates the load (on/off) on the DX cooling control.
	Indicates the pressure on the liquid cooling control valve in %.
	Indicates the load (on/off) on the water pump on the liquid cooler.
	Indicates remaining time in days before filter change.

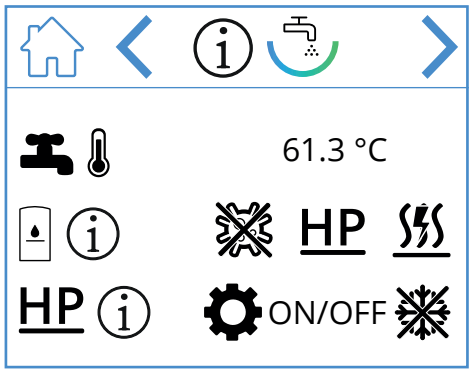
Function	Icon	Status	
HIGH		ON	The HIGH function is configured on the input and activated.
		OFF	The HIGH function is configured on the input but is not activated.
HOME		ON	The HOME function is configured on the input and activated.
		OFF	The HOME function is configured on the input but is not activated.
AWAY		ON	The AWAY function is configured on the input and activated.
		OFF	The AWAY function is configured on the input but is not activated.
STOP		ON	The STOP function is configured on the input and activated.
		OFF	The STOP function is configured on the input but is not activated.
FIREPLACE		ON	The FIREPLACE function is configured on the input and activated.
		OFF	The FIREPLACE function is configured on the input but is not activated.
KITCHEN HOOD		ON	The KITCHEN HOOD function is configured on the input and activated.
		OFF	The KITCHEN HOOD function is configured on the input and not activated.
EMERGENCY STOP		ON	The EMERGENCY STOP function is configured on the input and activated.
		OFF	The EMERGENCY STOP function is configured on the input but is not activated.
CO DETECTOR		ON	The CO detector function is configured on the input and activated.
		OFF	The CO detector function is configured on the input but is not activated.
SMOKE DETECTOR		ON	The smoke detector is configured to force the extract air fan and stop the extract air fan. Function activated
		OFF	The smoke detector is configured to force the extract air fan and stop the extract air fan. Function deactivated
		ON	The smoke detector is configured to force the supply air fan and stop the extract air fan. Function activated
		OFF	The smoke detector is configured to force the supply air fan and stop the extract air fan. Function deactivated
		ON	The smoke detector is configured to stop both fans. Function activated
		OFF	The smoke detector is configured to stop both fans. Function deactivated
		ON	The smoke detector is configured to force both fans. Function activated
		OFF	The smoke detector is configured to force both fans. Function deactivated

FIRE DAMPER		1–6	Fire damper activated. Status: 1. The damper regulates 2. The damper is closed 3. The damper is open 4. The damper is stationary 5. The damper is not closed 6. The damper is not open

2.11. OVERVIEW SCREEN 2

2.11.1. EcoNordic W4 only

This screen shows an overview of functions related to hot water and the heat pump.



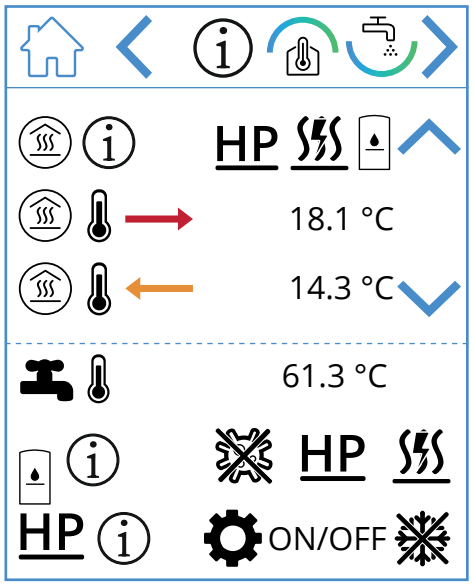
Overview screen icons – EcoNordic W4

	Open the Home screen.
	Go to the next menu.
	Return to the previous menu.
	Current peak temperature in the tank (hot water temp.).
	Current status of the tank.
	Legionella running active.
HP	The tank is refilled from the heat pump.
	The tank is refilled from the through-flow heater (electric).
HP	Current status of the heat pump.
	The heat pump is in service mode.
ON/OFF	The heat pump is in operation/stopped.
	The heat pump is de-icing.

2.12. OVERVIEW SCREEN 2

2.12.1. EcoNordic WH4 only

This screen shows an overview of functions related to hot water, heating and the heat pump.



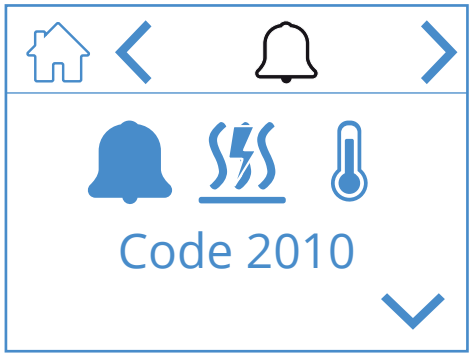
Overview screen icons – EcoNordic WH4

	Open the Home screen.
	Go to the next menu.
	Return to the previous menu.
	Scroll up the menu.
	Scroll down the menu.
	Current status of the heat output.
HP	The heat output is fed from the heat pump.
	The heat output is fed from the through-flow heater (electricity).
	The heat output is fed from the tank.

	Flow temperature for the heat output.
	Return temperature for the heat output.
	Current peak temperature in the tank (hot water temp.).
	Current status of the tank.
	Legionella running active.
	The tank is refilled from the heat pump.
	The tank is refilled from the through-flow heater (electric).
	Current status of the heat pump.
	The heat pump is in service mode.
ON/OFF	The heat pump is in operation/stopped.
	The heat pump is de-icing.

2.13. ALARM SCREEN

All active alarms are listed here.
For the most common alarms, in addition to the error code, symbols are also displayed that explain what the alarm means. For other, less common alarms, only an error code is displayed. The tables below explain what the codes mean.



Alarm screen icons

	Open the Home screen.
	Go to the previous menu.
	Go to the next menu.
	Scroll up the menu.
	Scroll down the menu.
	Acknowledge and reset the alarm.

To acknowledge/reset an alarm, highlight the alarm to be reset by pressing it. Then press the ✓ symbol to acknowledge/reset the alarm.

Alarm overview

Code 1001	B1 – Supply air temperature sensor fault
Code 1002	B6 – Exhaust air temperature sensor fault
Code 1003	B3 – Extract air temperature sensor fault
Code 1004	B4 – Outside air temperature sensor fault
Code 1005	B5 – Frost protection temp. Heating coil sensor fault
Code 1006	H1 – Humidity sensor fault
Code 1007	RMC – Rotary heat exchanger motor stuck
Code 1008	RMC – Rotary heat exchanger belt broken
Code 1010	TM1 – Supply air fan fault
Code 1020	Change the air filter, both exterior and extract air filters.
Code 2010	Electric heater supply air over temperature detection (BT).

Error code	Error source
100–1999	Hardware related errors
2000–2999	Application related errors
3000–3999	Communication related errors
9000–9999	3rd party related errors

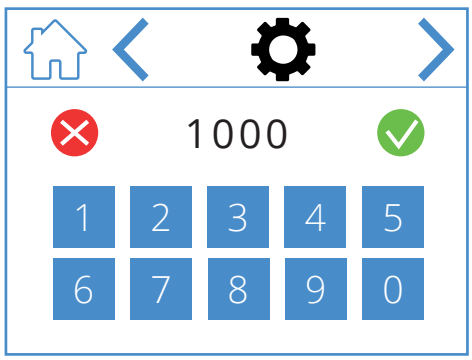
2000–2999	Code range for – Application & Configuration	
2001	A	X8 – Emergency off (D12)
2002	A	X8 - Smoke detector (D12)
2003	A	X8 – CO detector (D12)
2004	A	Fire alarm – B1 or B3 over max temperature
2005	B	Alarm for supply air temperature (min.)
2008	A	Heat pump reheating coil over temperature detection (F15)
2009	A	Zone 2 electric heater over temperature detection (F20)
2010	A	Electric heater supply air over temperature detection (BT)
2011	A	Heating coil frost alarm zone 2 (B20)
2014	A	M6,M8;M14 – Heat pump dampers stop air flow
2015	A/None	Heat pump A-error stops the AHU

3000–3999	Code range for – Communication	
3001	A/B/None	XCU communication fault
3003	A/B/None	EXCUL communication fault
3004	A/B/None	QBM communication fault
3005	A	XCU or ECU communication fault

Code #	A/B-alarm	Name/text
1000–1999	Code range for – Hardware	
1001	A	B1 – Supply air temperature sensor fault
1002	B	B6 – Exhaust air temperature sensor fault
1003	B	B3 – Extract air temperature sensor fault
1004	A/B	B4 – Outside air temperature sensor fault
1005	A	B5 – Frost protection temp. Heating coil sensor fault.
1006	B	H1 – Humidity sensor fault
1007	A/B	RMC – Rotary heat exchanger motor stuck
1008	A/B	RMC – Rotary heat exchanger belt broken
1009	A	MI4 – Fire damper fault
1010	A/None	TM1 – Supply air fan fault
1011	A/None	TM2 – Exhaust air fan fault
1012	B	Room temperature sensor on CI-1 fault
1020	B	Time to replace air filter
1021	-	Reserved
1022	B	B10 – HWT top sensor fault
1023	B	B11 – HWT middle sensor fault
1024	B	B12 – Flow temp. heating circuit sensor fault
1025	B	B13 – Return temp. heating circuit sensor fault
1026	B	B14 – Flow temp. after reheating coil sensor fault
1027	B	B15 – Return temp. HWT sensor fault
1028	B	B16 – HWT bottom sensor fault
1029	A	B20 – Frost protection temp. zone sensor fault
1030	B	B21 – Supply air temperature sensor fault
1031	-	Reserved
1032	B	P4 – Supply air pressure sensor fault
1033	B	P5 – Extract air pressure sensor fault
1034	B	P1 – Differential pressure supply air sensor fault
1035	B	P2 – Differential pressure exhaust air sensor fault
1036	A	HWT all sensor fault

2.14. LOGIN SCREEN

To access the settings menus, you must log in with a code.



To log in, enter the code 1000 and then press ✓.
To delete the entered code press ✗.

Login screen icons

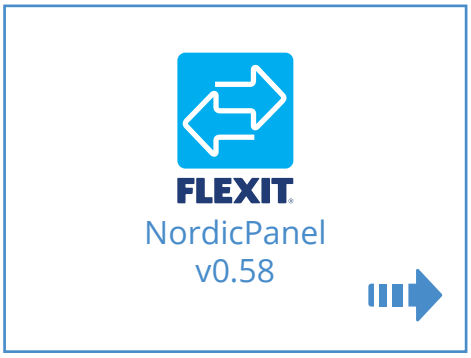
	Open the Home screen.
	Go to the previous menu.
	Go to the next menu.
	Delete entry
	Confirm entry

3. Start-up

The first time the unit is started, you will be taken to a start-up menu where you can set fan speeds and temperatures. Standard for Nordic units is percentage regulation and for EcoNordic air volume (m³/h or L/s).

3.1. START-UP SCREEN

You see this screen when the unit starts up and speeds and temperatures have not been set.

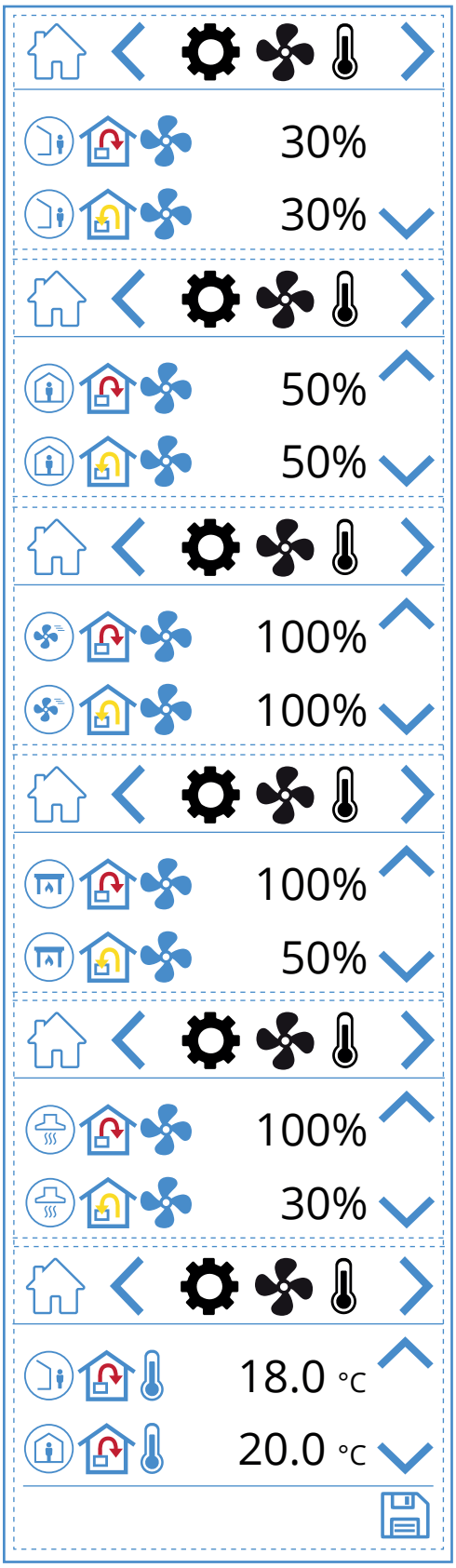


Start-up screen icons

	Open fan and temperature settings

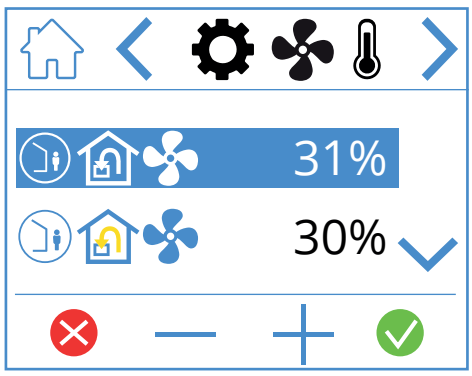
3.2. FAN AND TEMPERATURE SETTINGS SCREEN – NORDIC

Set the desired value for all speeds and temperatures. Then save to confirm your settings. Temperature regulation on the unit is set to supply air by default but can be changed to extract air via the Flexit GO app.



Fan and temperature settings screen icons

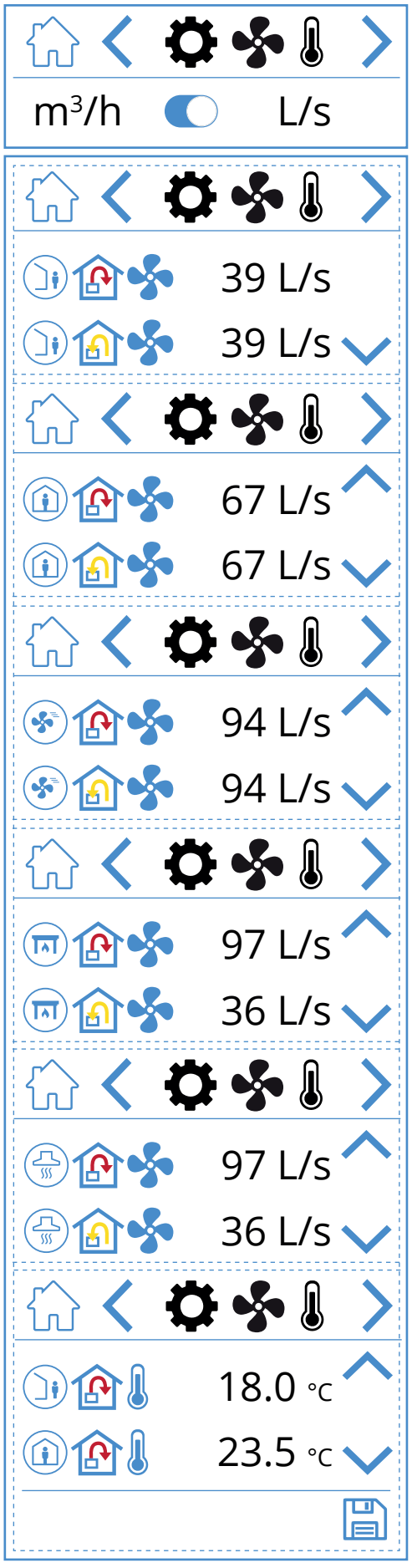
	AWAY speed mode – Supply air fan
	AWAY speed mode – Extract air fan
	HOME speed mode – Supply air fan
	HOME speed mode – Extract air fan
	HIGH speed mode – Supply air fan
	HIGH speed mode – Extract air fan
	FIREPLACE speed mode – Supply air fan
	FIREPLACE speed mode – Extract air fan
	KITCHEN HOOD speed mode – Supply air fan
	KITCHEN HOOD speed mode – Extract air fan
	AWAY temperature mode
	HOME temperature mode
	Scroll up the menu.
	Scroll down the menu.
	Save settings.
	Go to the next menu.
	Go to the previous menu.



To adjust a value, highlight the line you want to change by pressing it so that the line turns blue. Then press – or + to decrease or increase the fan setting. When you reach the desired value, press ✓ to confirm. The value is written to the unit and the fan changes speed.
To cancel and not change the value, press ✗.
The same procedure applies to changing the temperature mode.

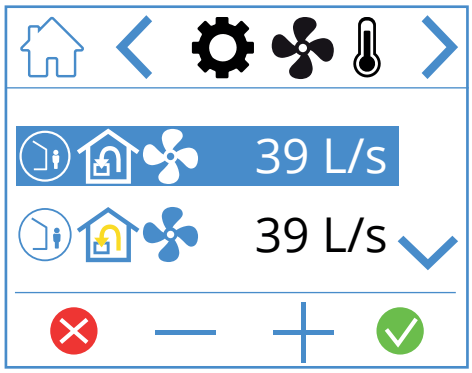
3.3. FAN AND TEMPERATURE SETTINGS SCREEN – ECONORDIC

To switch between m³/h and L/s press "m³/hrs L/s". Set the desired value for all speeds and temperatures. Then save to confirm your settings. Temperature regulation on the unit is set to supply air by default but can be changed to extract air via the Flexit GO app.



Fan and temperature settings screen icons

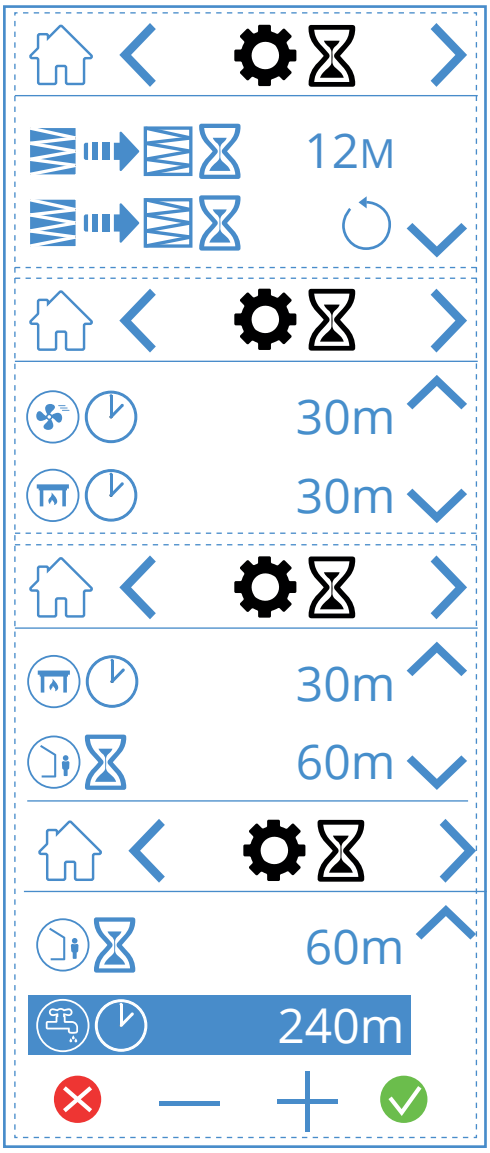
	AWAY speed mode – Supply air fan
	AWAY speed mode – Extract air fan
	HOME speed mode – Supply air fan
	HOME speed mode – Extract air fan
	HIGH speed mode – Supply air fan
	HIGH speed mode – Extract air fan
	FIREPLACE speed mode – Supply air fan
	FIREPLACE speed mode – Extract air fan
	KITCHEN HOOD speed mode – Supply air fan
	KITCHEN HOOD speed mode – Extract air fan
	AWAY temperature mode
	HOME temperature mode
	Scroll up the menu.
	Scroll down the menu.
	Save settings.
	Go to the next menu.
	Go to the previous menu.



To adjust a value, highlight the line you want to change by pressing it so that the line turns blue. Then press – or + to decrease or increase the fan setting. When you reach the desired value, press ✓ to confirm. The value is written to the unit and the fan changes speed.
To cancel and not change the value, press ✗
The same procedure applies to changing the temperature mode.

3.4. TIMER SCREEN

This is where you set various operating and countdown timers. To change a value, highlight the line you want to change and then press – or +. When you reach the desired value, press ✓ to confirm. The value is written to the unit and the fan changes speed. To cancel and not change the value, press ✗.



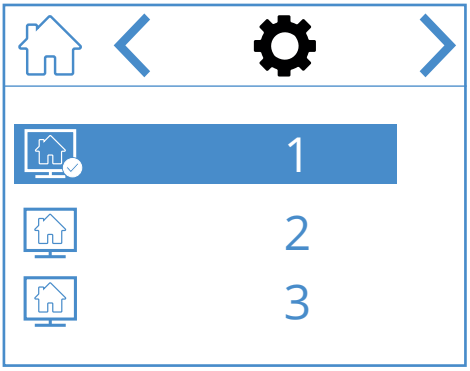
(EcoNordic only)

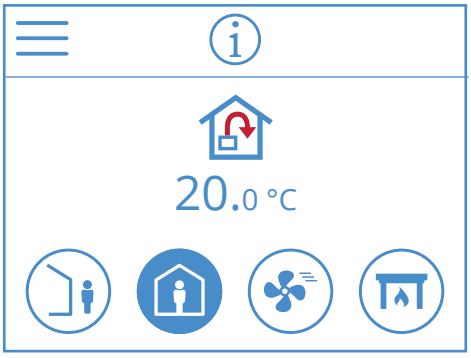
Timer screen icons

12M	Adjust filter change interval. Factory set at three months but adjustable to up to 13 months.
	Reset of the filter change interval. If the filters are changed early, for instance, you can simply reset the timer.
30m	Operating timer for the HIGH speed mode. When HIGH is activated on the panel, the unit runs on the set timer before returning to the previous speed mode. Can be set between 0 and 360 minutes
30m	Operating timer for the FIREPLACE speed mode. When FIREPLACE is activated on the panel, the unit runs on the set timer before returning to the previous speed mode. Can be set between 0 and 360 minutes
60m	Countdown timer for the AWAY speed mode. When AWAY is activated on the panel, the unit remains at the previously selected speed until the time has expired, after which it switches to AWAY mode. Can be set between 0 and 360 minutes
240m	Operating timer for the BOOST hot water mode. A temporary mode with adjustable duration, which can be used when you expect very high hot water consumption. Can be set between 0 and 360 minutes. (EcoNordic only)
✗ — + ✓	To change the value, press the line for the value you want to change. Then, increase or decrease the value with + or –. Press ✓ to confirm and save or press ✗ to undo and reset the value.
^	Scroll up the menu.
v	Scroll down the menu.
>	Go to the next menu.
<	Go to the previous menu.

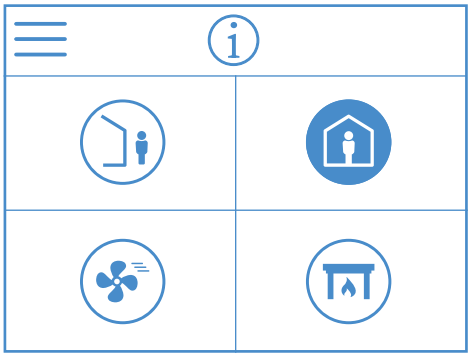
3.5. SELECTING A HOME SCREEN (NORDIC ONLY)

This is where you set which home screen should be active. You can choose between three different home screens depending on the configuration and intended use of the unit. Alarms and status messages are displayed on all home screens.
Below, you can see home screen 1 has been selected.

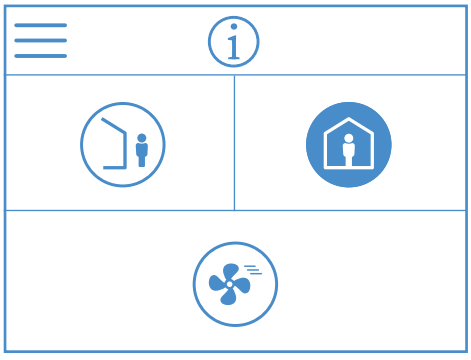




Home screen 1
Shows all four speed modes, temperature regulation type and the set temperature.



Home screen 2
Shows all four speed modes AWAY, HOME, HIGH and FIREPLACE.



Home screen 3
Only shows the AWAY, HOME, HIGH speed modes.

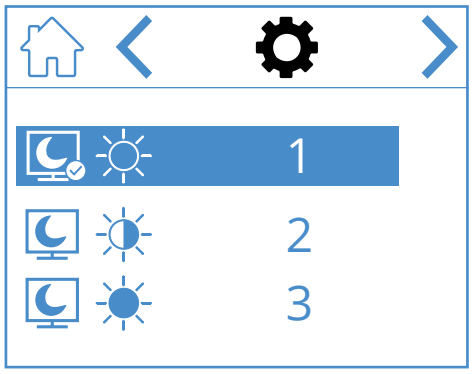
Home screen selection icons

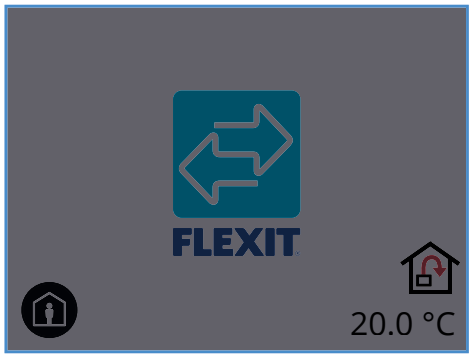
>	Go to the next menu.
<	Go to the previous menu.

3.6. SELECT SCREENSAVER

Here, you can choose the brightness of the screensaver.
1. = light
2. = dimmed
3. = dark

Below, you can see that screensaver 1 has been selected.





Screensaver 1

Screensaver 2

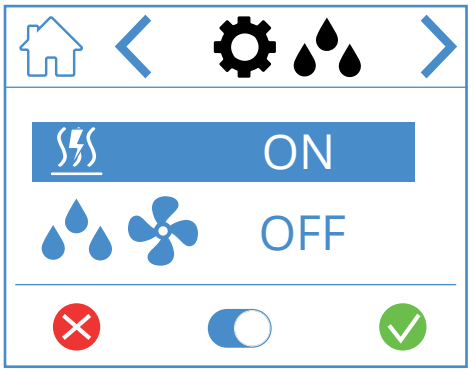
Screensaver 3

Screensaver selection icons

>	Go to the next menu.
<	Go to the previous menu.

3.7. SETTINGS SCREEN

Here, you can activate/deactivate the electric post-heating coil as well as the internal humidity sensor. NOTE! Humidifiers are not standard on all models. If the menu is not available on the panel, it is because there is no sensor installed on the unit.



Humidity settings screen icons

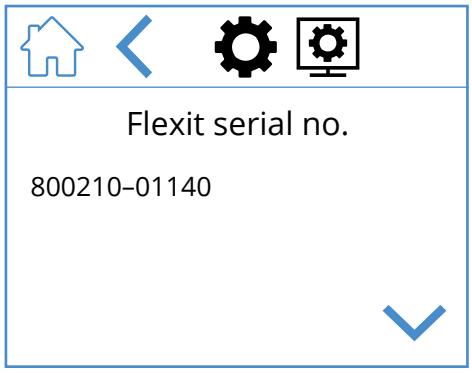
ON/OFF	Electric heating coil for post-heating ON/OFF
ON/OFF	Internal humidity sensor ON/OFF

To change the value, press the line and then press to toggle between ON and OFF. Press to confirm and save or press to undo and reset the value.

>	Go to the next menu.
<	Go to the previous menu.

3.8. HARDWARE/SOFTWARE INFO SCREEN

Shows the type of hardware and software in the panel and unit.



For info only. Shows hardware and software version on the panel and serial number on the unit.
Press HOME to go to the selected home screen.

Hardware/software info screen icons

^	Scroll up the menu.
v	Scroll down the menu.
<	Go to the previous menu.

4. Alarm handling

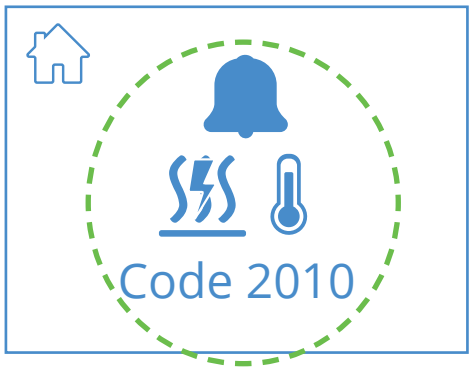
There are two types of alarm.
A-alarm: Important and urgent situations that stop and lock the ventilation unit immediately. The alarm must be acknowledged. If the cause of the A-alarm is resolved, the alarm can be reset and the ventilation unit will attempt to restart.

B-Maintenance: Allows the ventilation unit to run, but the unit's components or functions (such as heat recovery) are shut down and locked. If the cause of these alarms is resolved, they can be acknowledged and the affected part or function will be available again.

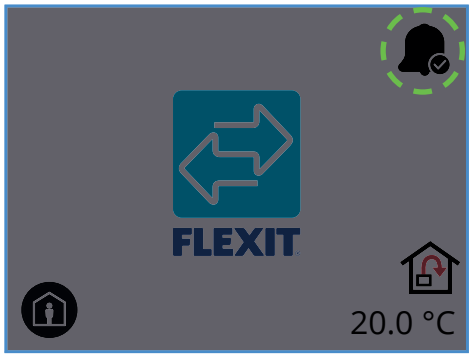
There are different notification icons depending on the state the alarm is in.

The alarm is displayed in different places on the different screens. Press the alarm icon to access the alarm handling menu.

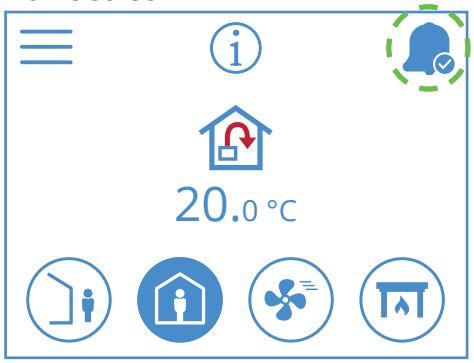
A-alarm screensaver



Screensaver



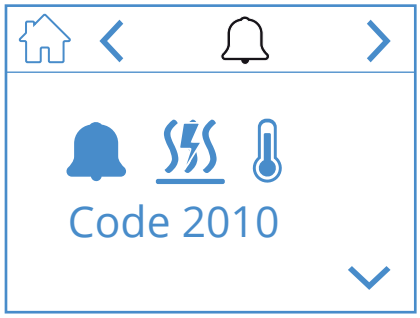
Home screen



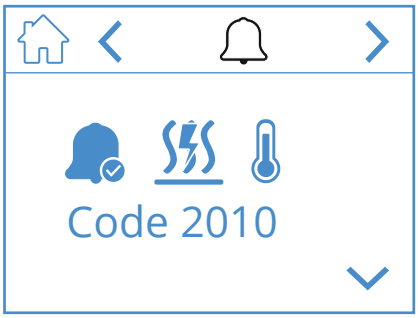
Alarm menu

The alarm symbol may have a different appearance depending on the status of the alarm.

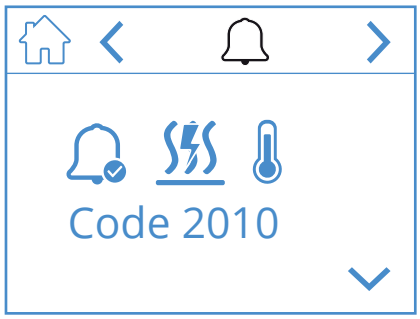
Status:
A problems has been detected by the control unit and an alarm has been activated (e.g. new alarm). →



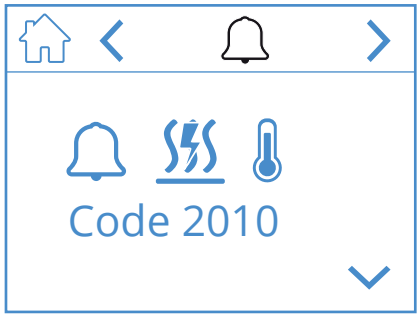
Status:
Alarm acknowledged on the panel but the problem persists. →



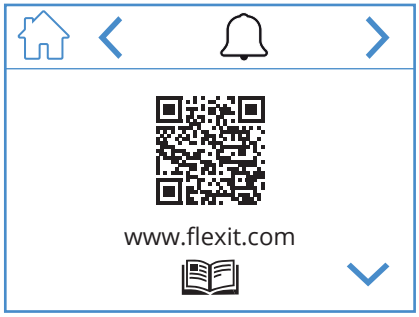
Status:
Alarm acknowledged on the panel. The problem has disappeared/been fixed, but the alarm has not been reset. →



Status:
Alarm not acknowledged. The problem has disappeared/been fixed. →

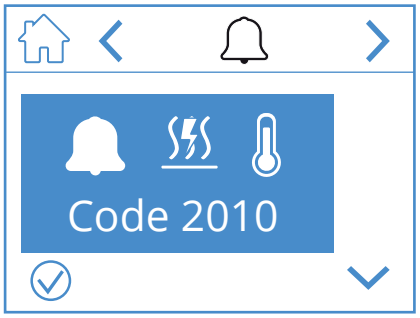


Manual:
To read the manual, press the down arrow and then scan the QR code. →



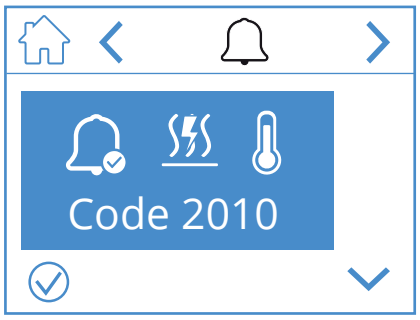
A-alarm	B-maintenance	Status	Situation
		Alarm, not acknowledged.	A problems has been detected by the control unit and an alarm has been activated (e.g. new alarm).
		Alarm, acknowledged.	The problem persists, but the alarm has been acknowledged.
	Not a maintenance status.	Normal, acknowledged.	The problem disappeared or was fixed. The alarm has been acknowledged but not reset.
		Normal, not acknowledged.	The problem disappeared/fixed, but the alarm has not been acknowledged.

Required action:
Acknowledge the alarm by pressing the alarm symbol and confirm with ✓

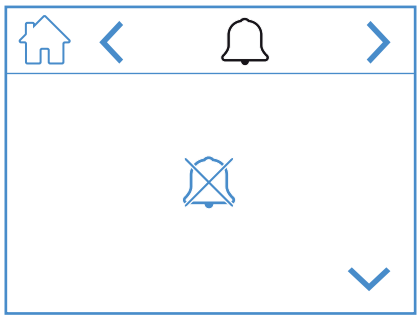


Required action:
Fix the error.

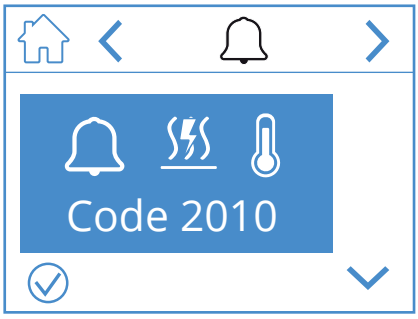
Required action:
Reset the alarm by pressing the alarm symbol and confirm with ✓



Status:
The alarm has been reset.
The unit restarts.



Required action:
Acknowledge the alarm by pressing the alarm symbol and confirm with ✓

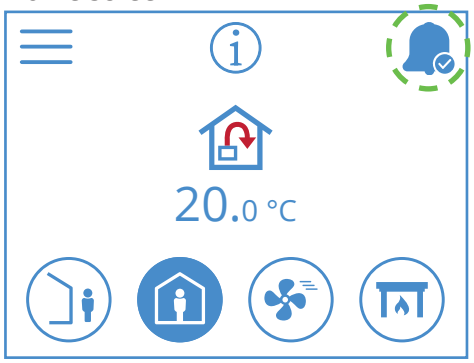


The alarm is displayed in different places on the different screens. Press the alarm icon to access the alarm handling menu.

B-maintenance screensavers

Screensaver

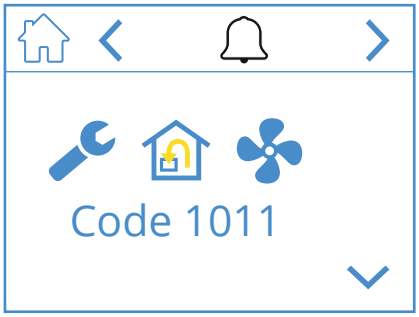
Home screen



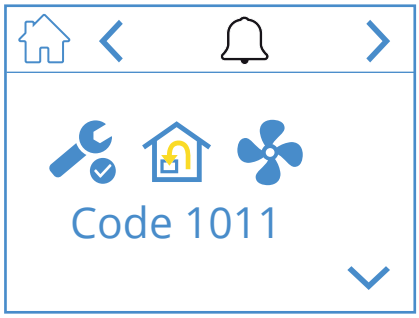
Alarm menu

The alarm symbol may have a different appearance depending on the status of the alarm.

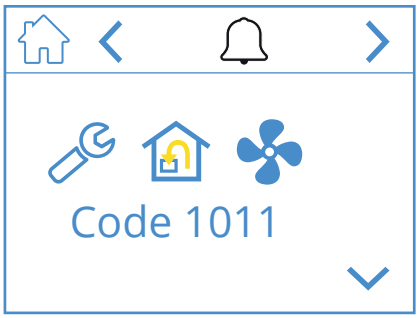
Status:
A problem has been detected by the control unit and an alarm has been activated (e.g. new alarm).



Status:
Alarm acknowledged on the panel but the problem persists.

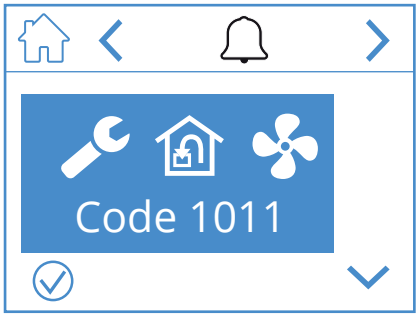


Status:
Alarm not acknowledged. The problem has disappeared/been fixed.



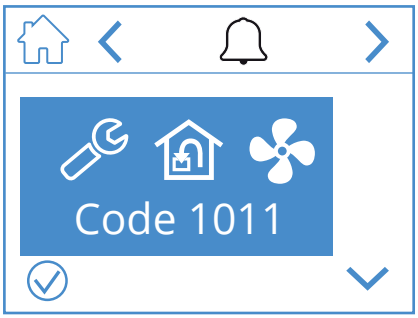
Manual:
To read the manual, press the down arrow and then scan the QR code.

Required action:
Acknowledge the alarm by pressing the alarm symbol and confirm with ✓

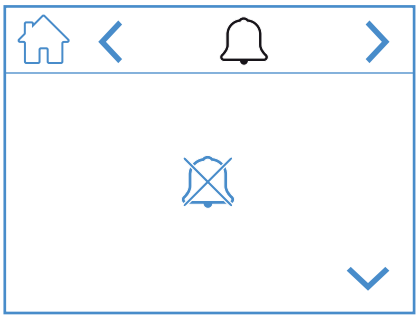


Required action:
Fix the error.

Required action:
Reset the alarm by pressing the alarm symbol and confirm with ✓



Status:
The alarm has been reset. The unit restarts.



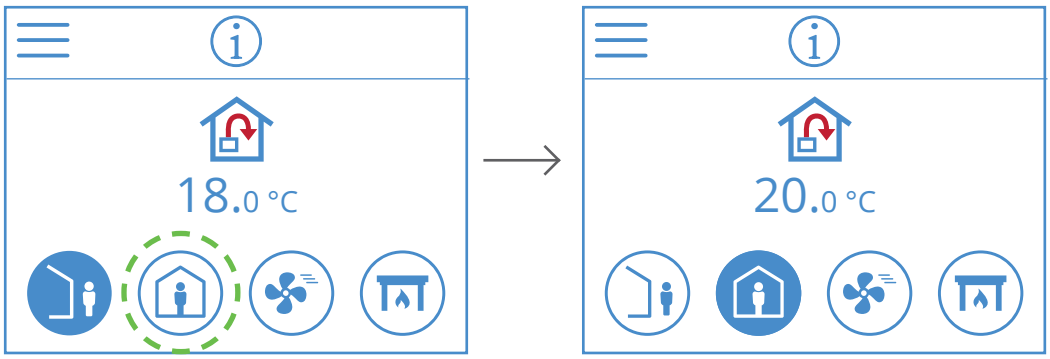
5. Speed setting

There are five speed modes to choose from,
four of which you can change using NordicPanel.
The current speed is shown as a filled-in symbol.

		AWAY: This is a constant mode and is intended for when the building is not in use for extended periods. You can also set a delayed start, which can be useful if you have just finished showering before leaving the house. If ◷ is displayed together with the symbol, it means that there is a time delay before the unit switches from the current speed to AWAY.
		HOME: This is a constant mode and is intended for when the building is in normal use.
		HIGH: This can be both a constant mode and a temporary mode with a set duration. It is intended for when you temporarily need more ventilation. If ⧖ is displayed together with the symbol, this means there is a timer set for HIGH and ventilation will return to the previous speed when the timer runs out.
		FIREPLACE: This is only available as a temporary mode with a set duration. It is intended for temporary use together with a fireplace. It creates an overpressure in the building to facilitate smoke going up the chimney, which prevents smoke from entering the building.
		COOKER HOOD: This mode can only be activated using a wireless or wired accessory that is mounted on your cooker hood. This is activated when you use your cooker hood. The icon is only displayed when it is activated.

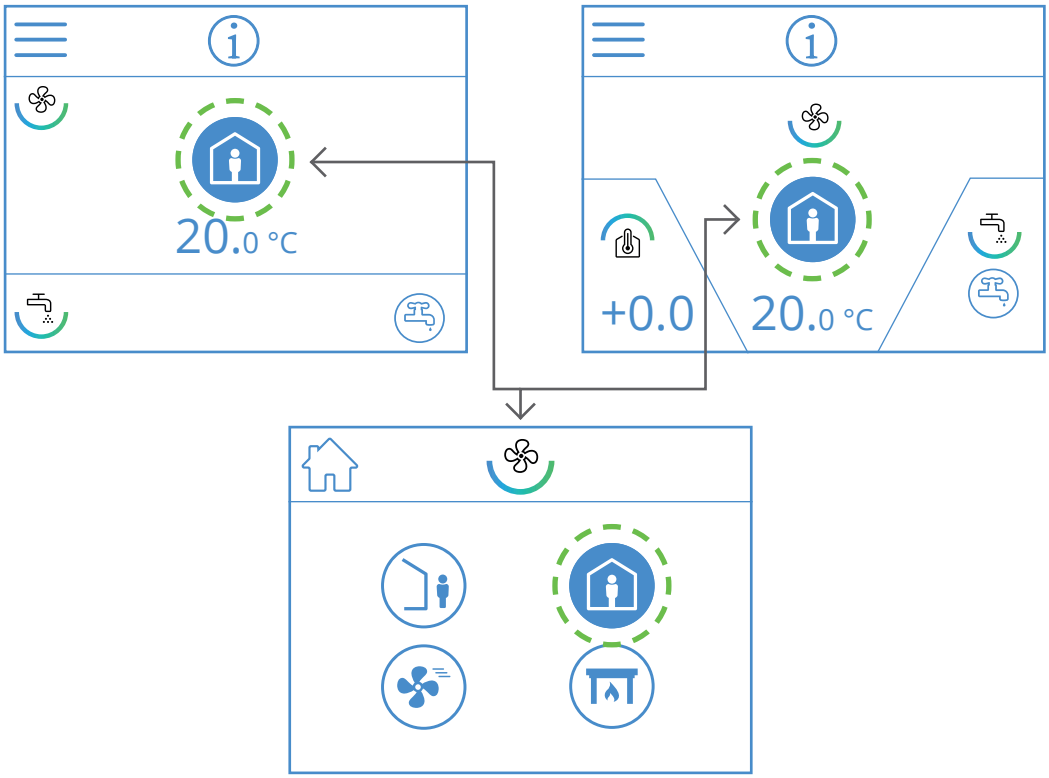
To change speed you must be on the home screen.
Then press the symbol of the speed you want to change
to, in this case from *AWAY* to *HOME*. Note that the set
value for the supply air temperature will also change.
NOTE! If it is not possible to change the speed,
it may be because the unit has been overridden
by the calendar or a physical input.

Nordic



EcoNordic W4

EcoNordic WH4

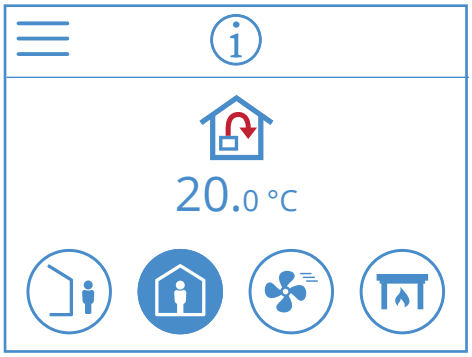


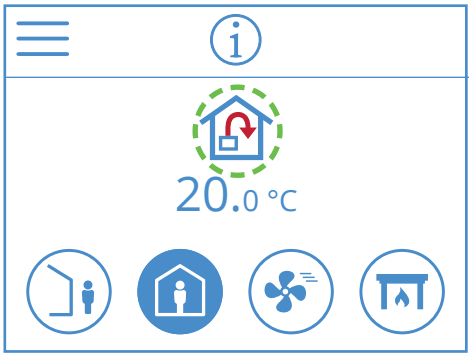
6. Temperature settings

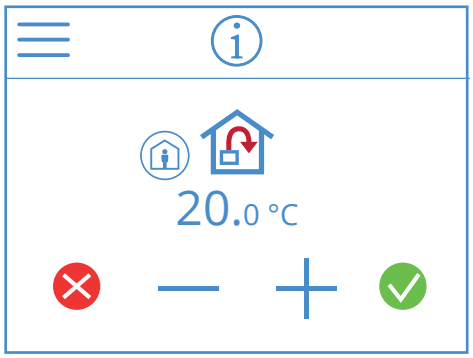
There are two temperature modes to choose from in NordicPanel, *AWAY* and *HOME*.

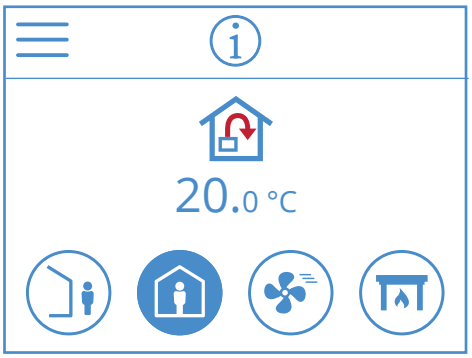
		AWAY: This mode sets the temperature for the AWAY speed mode. Can be both for supply and extract air regulation. You change the regulation type via the Flexit GO app.
		HOME: This mode sets the temperature for the HOME speed mode and other temperature modes (HIGH, FIREPLACE etc.). Can be both for supply and extract air regulation. You change the regulation type via the Flexit GO app.

Nordic

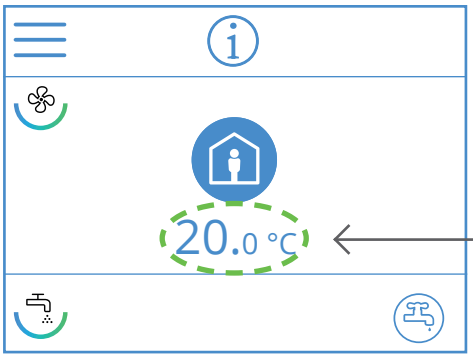




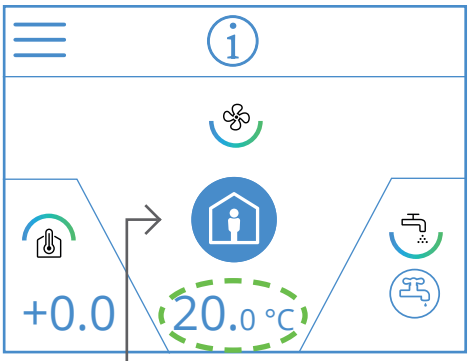


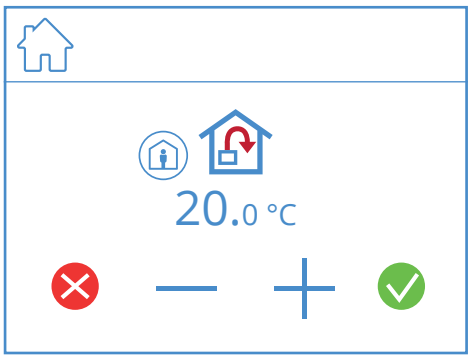


EcoNordic W4



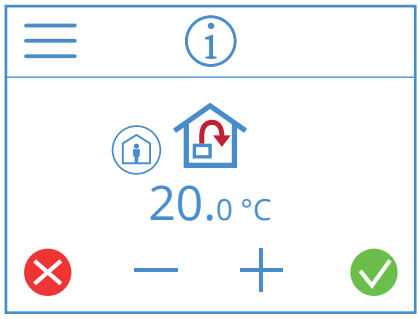
EcoNordic WH4



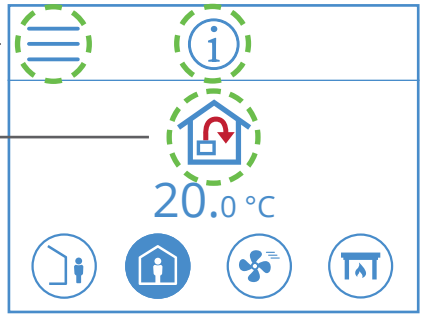


You change the temperature from the home screen. There you press the symbol for temperature or degrees.
A new screen will open. Press – or + to decrease or increase the temperature.
To confirm, press ✓. To undo the change, press ✗. The panel will then return to the home screen.

7. Menu overview – Nordic

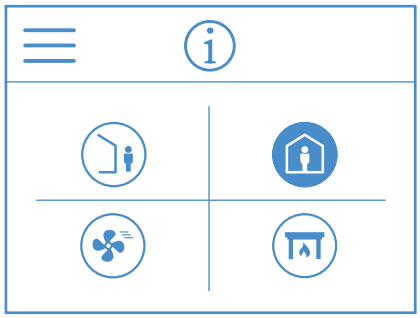


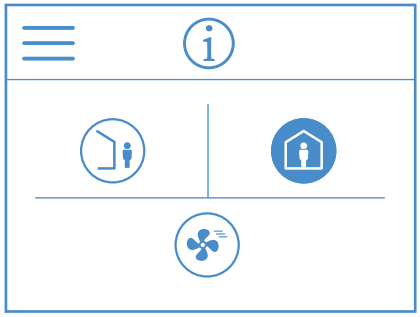
Adjusting the temperature

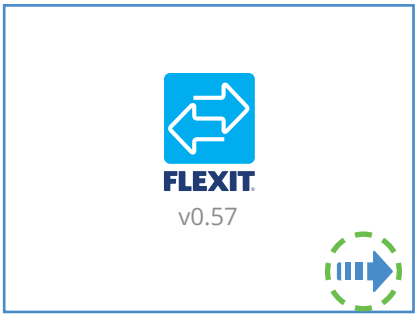


Home screen 1

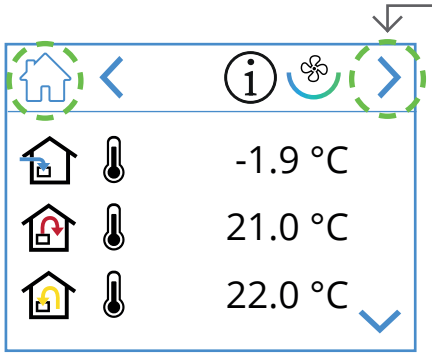
Link to the manual


Home screen 2

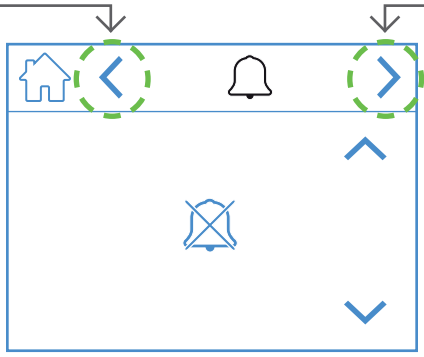

Home screen 3

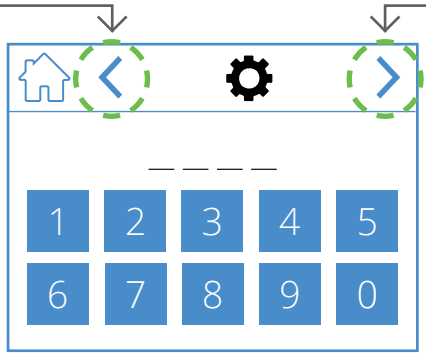


Start-up

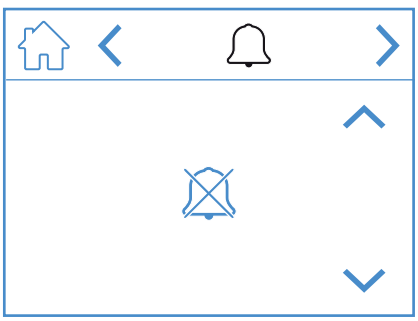


Overview screen

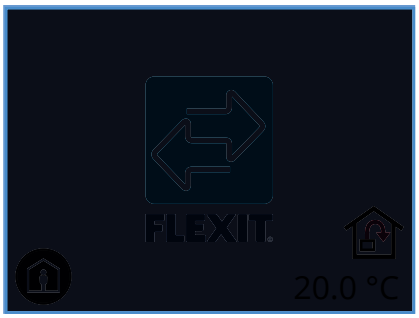

Alarm overview



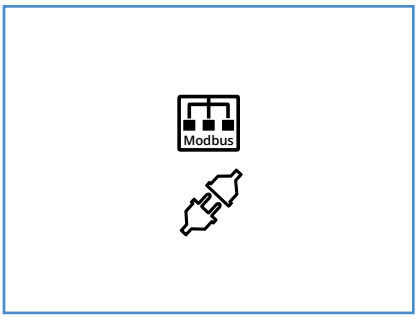
Login
PW:1000



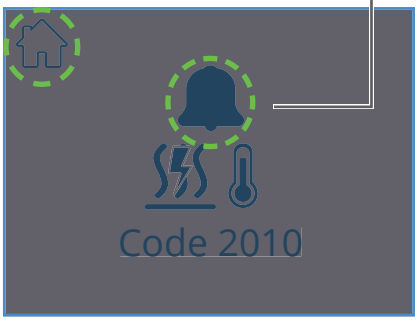
Alarm overview



Screensaver

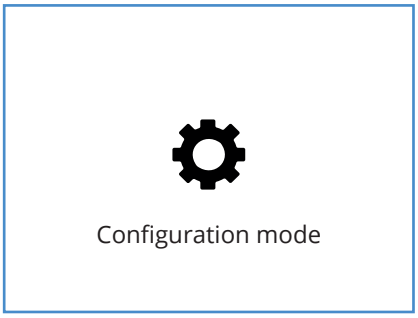


Communication fault



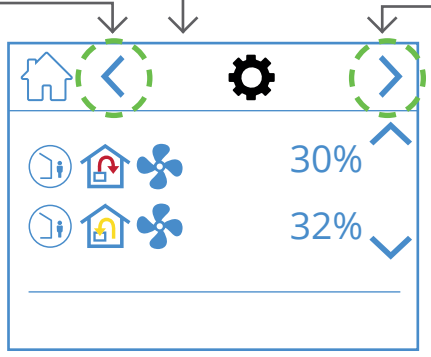
Screensaver – active A-alarm

Screen saver – active Maintenance alarm

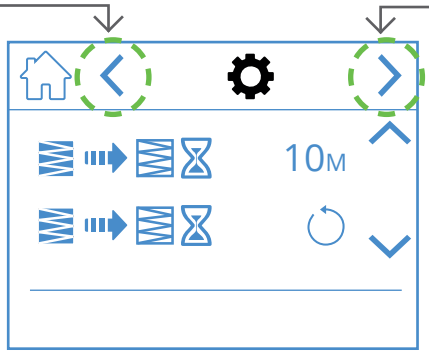


Unit in configuration mode

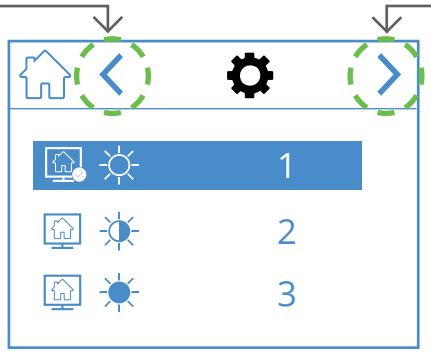
Pop-up screens



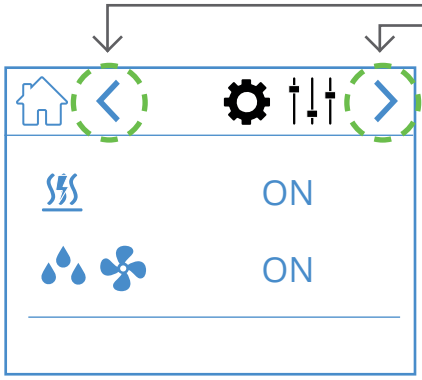
Fan/temperature settings



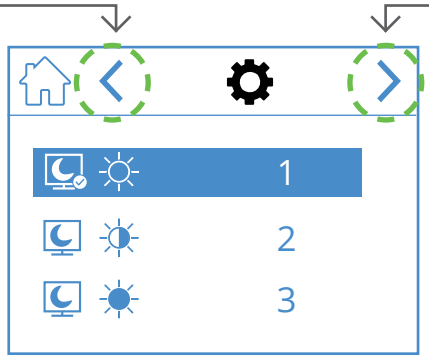
Timer settings



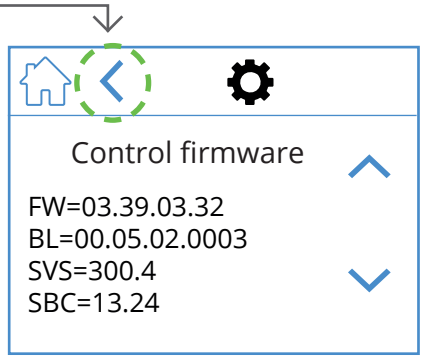
Home screen settings



Settings



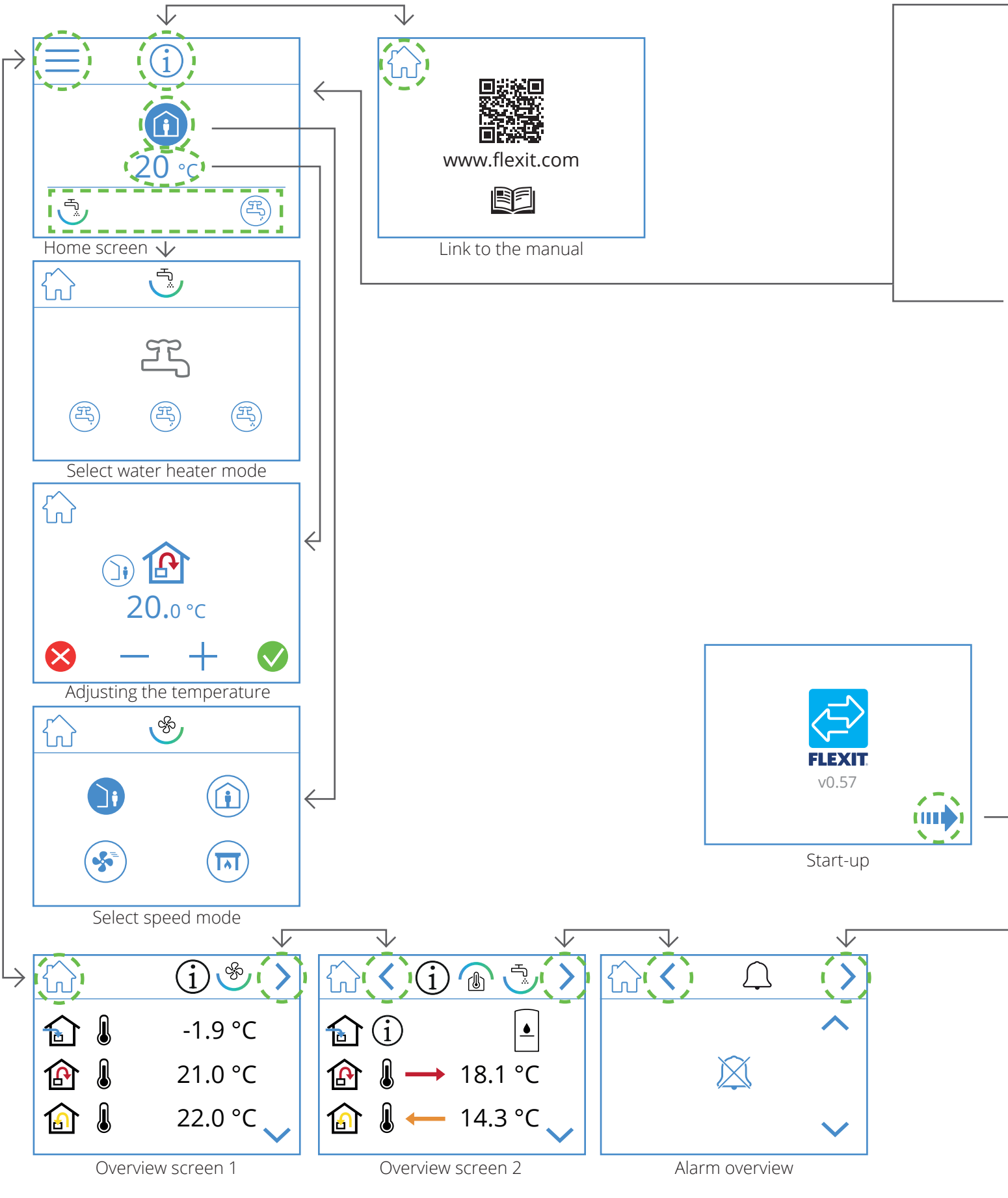
Screensaver settings

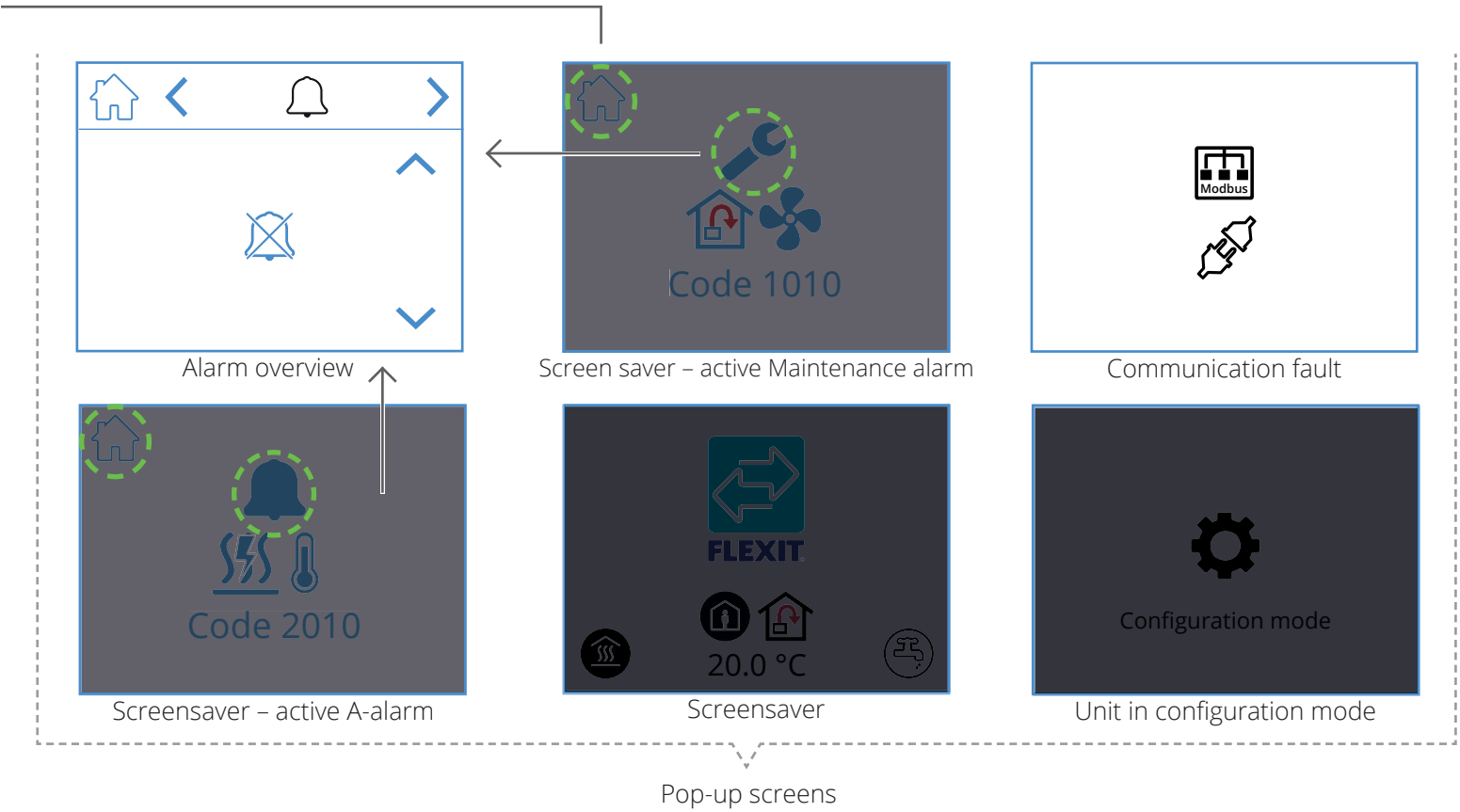


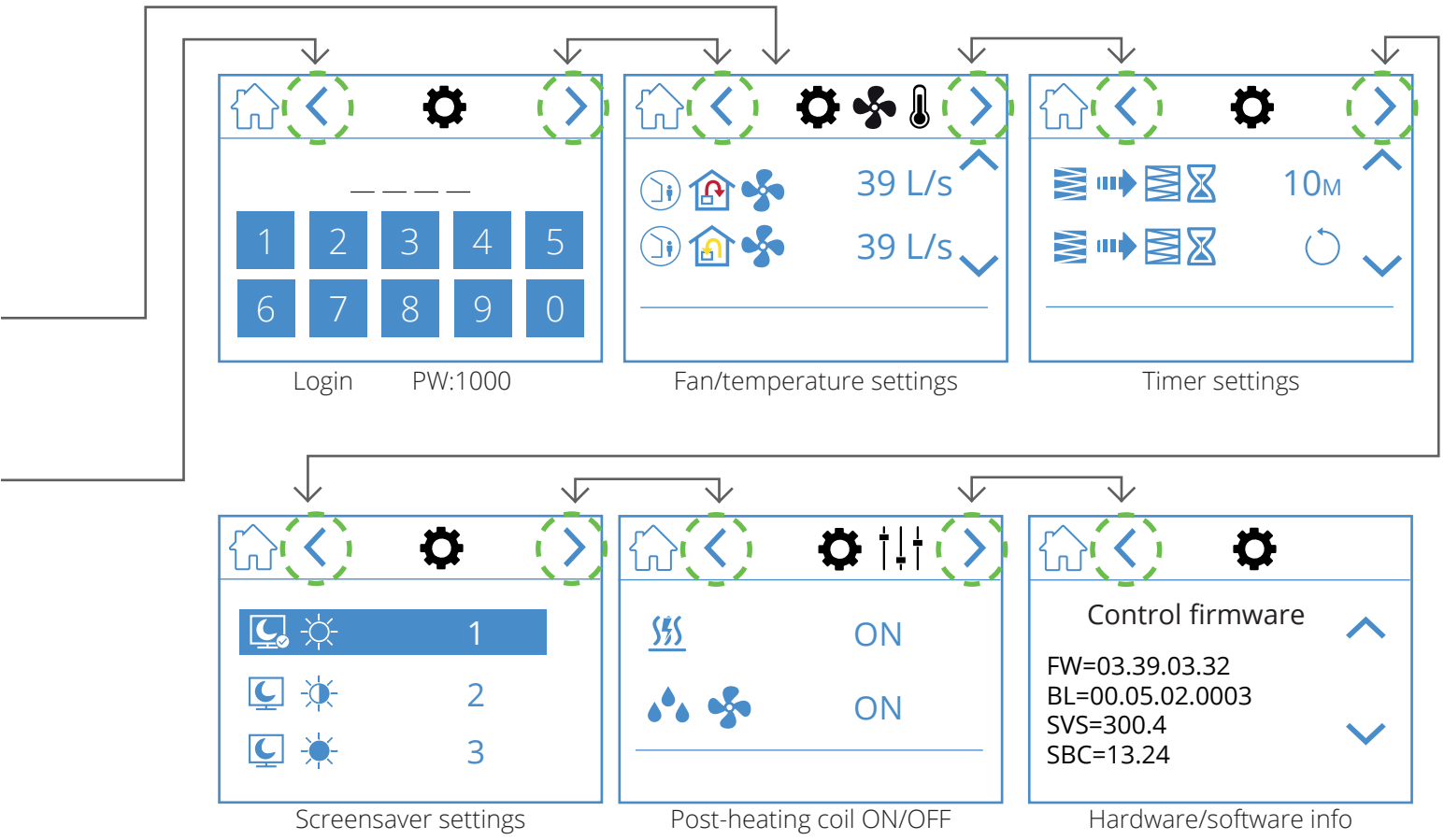
Hardware/software info

8. Menu overview – EcoNordic

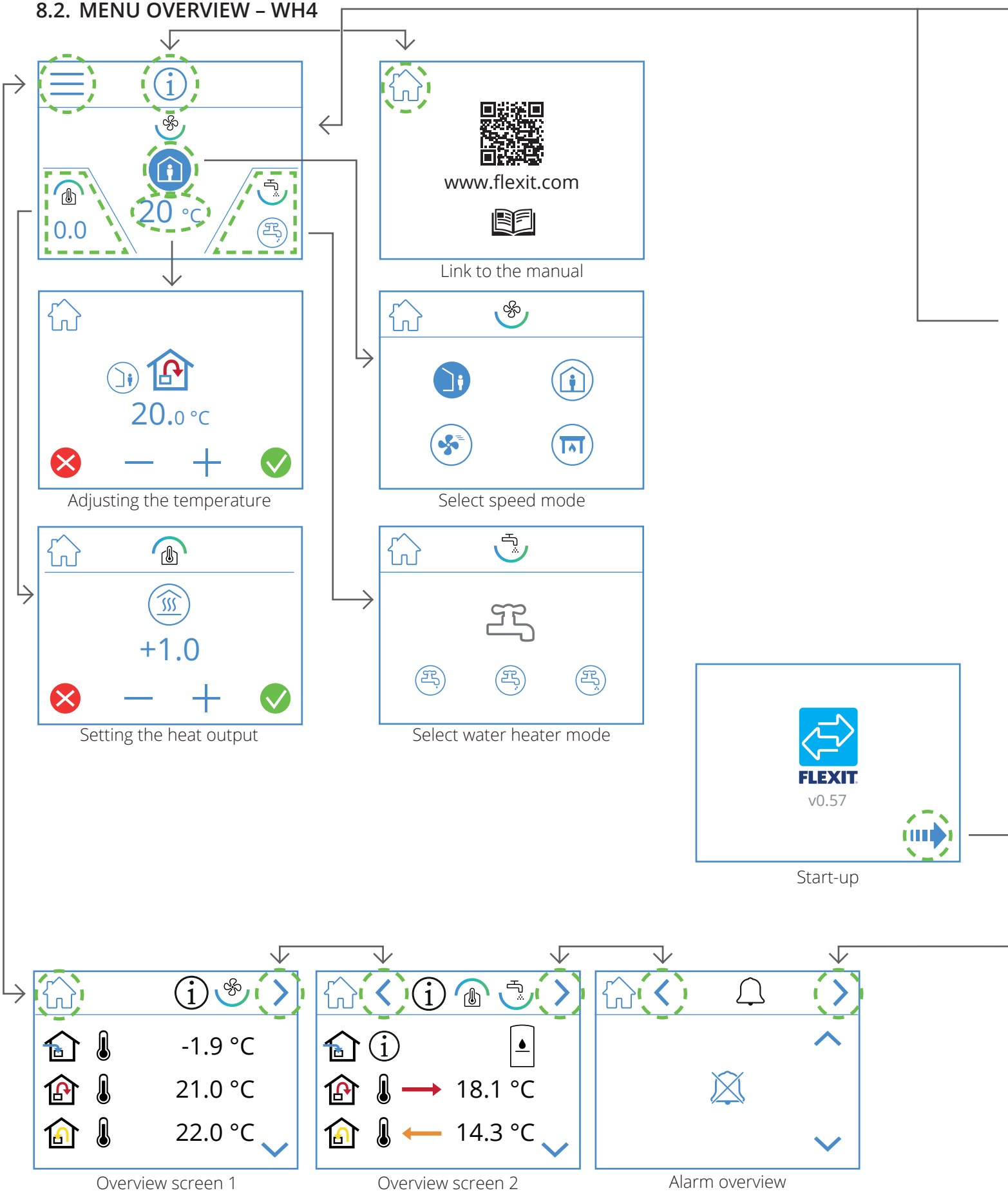
8.1. MENU OVERVIEW – W4

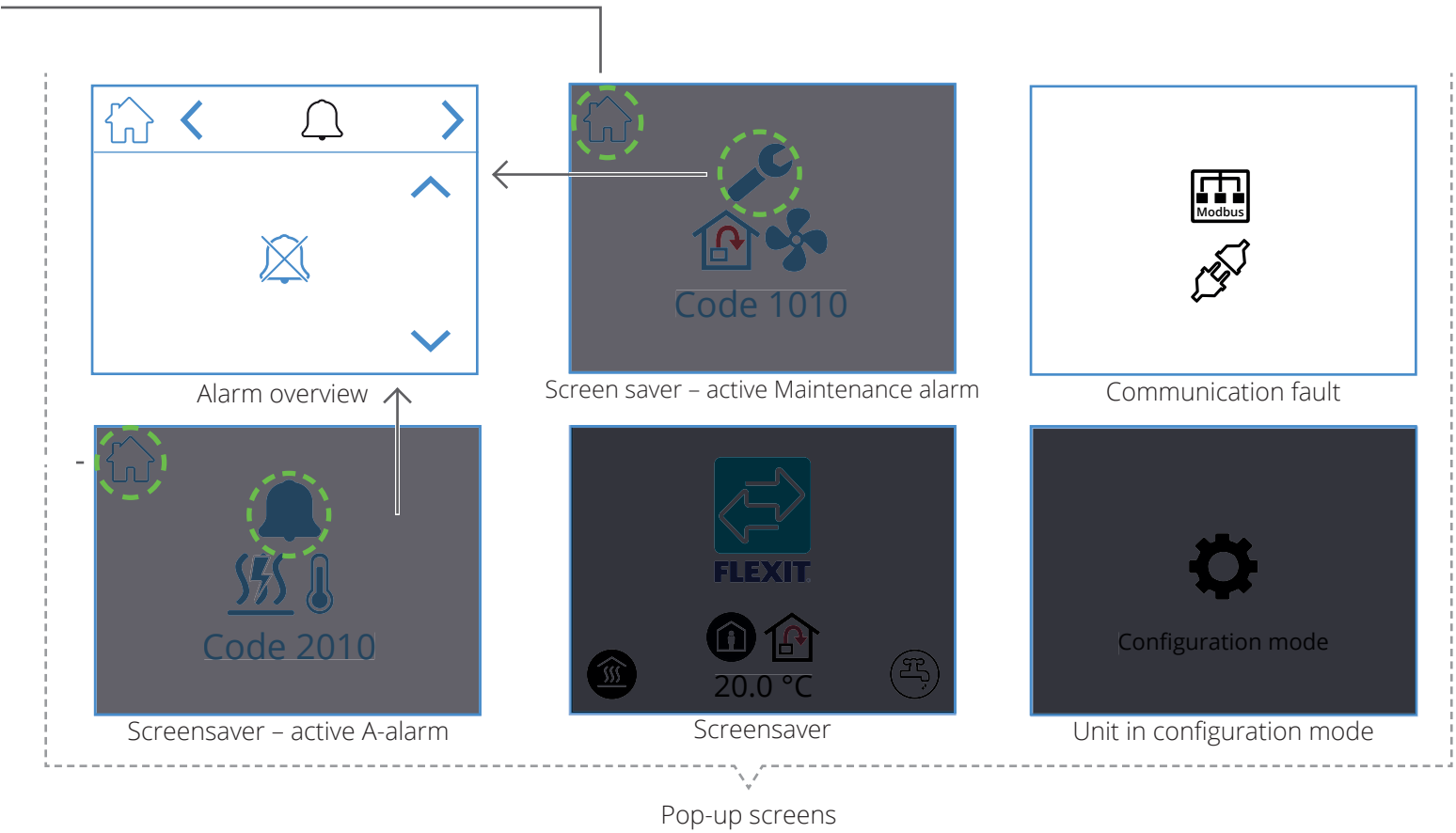


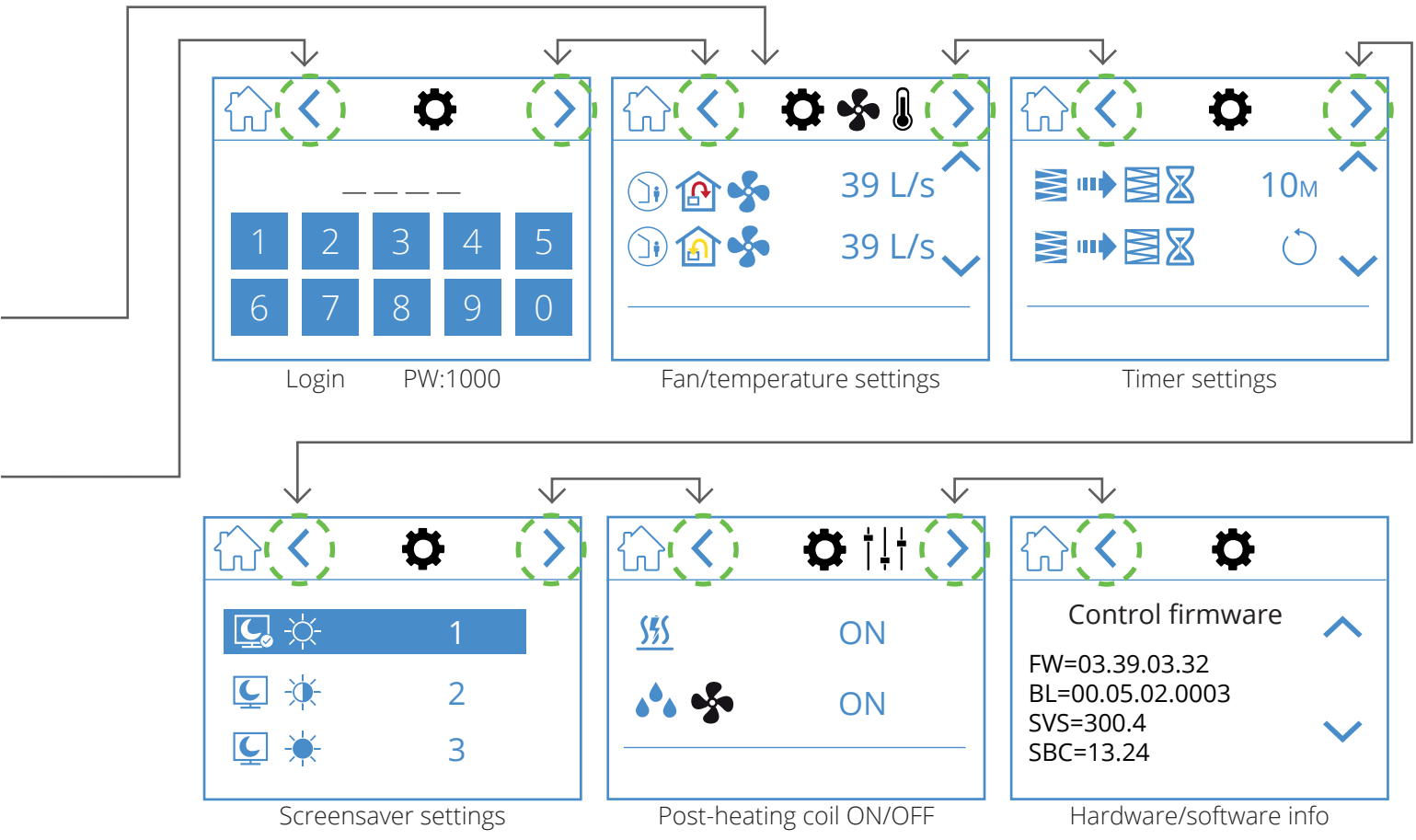

Alarm overview
Code 1010
Screen saver – active Maintenance alarm
Modbus
Communication fault
Code 2010
Screensaver – active A-alarm
FLEXIT
20.0 °C
Screensaver
Configuration mode
Unit in configuration mode
Pop-up screens


1 2 3 4 5
6 7 8 9 0
Login PW:1000
39 L/s
39 L/s
Fan/temperature settings
10M
Timer settings
1
2
3
Screensaver settings
ON
ON
Post-heating coil ON/OFF
Control firmware
FW=03.39.03.32
BL=00.05.02.0003
SVS=300.4
SBC=13.24
Hardware/software info

8.2. MENU OVERVIEW – WH4




Alarm overview
Code 1010
Screen saver – active Maintenance alarm
Modbus
Communication fault
Code 2010
Screensaver – active A-alarm
FLEXIT
20.0 °C
Screensaver
Configuration mode
Unit in configuration mode
Pop-up screens


1 2 3 4 5
6 7 8 9 0
Login PW:1000
39 L/s
39 L/s
Fan/temperature settings
10M
Timer settings
1
2
3
Screensaver settings
ON
ON
Post-heating coil ON/OFF
Control firmware
FW=03.39.03.32
BL=00.05.02.0003
SVS=300.4
SBC=13.24
Hardware/software info

Flexit AS, Televeien 15, 1870 Ørje, Norway
www.flexit.com