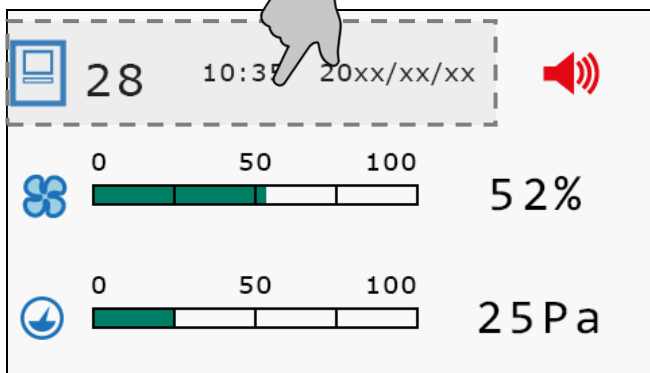


## KLC-100 CONTROL KEYS

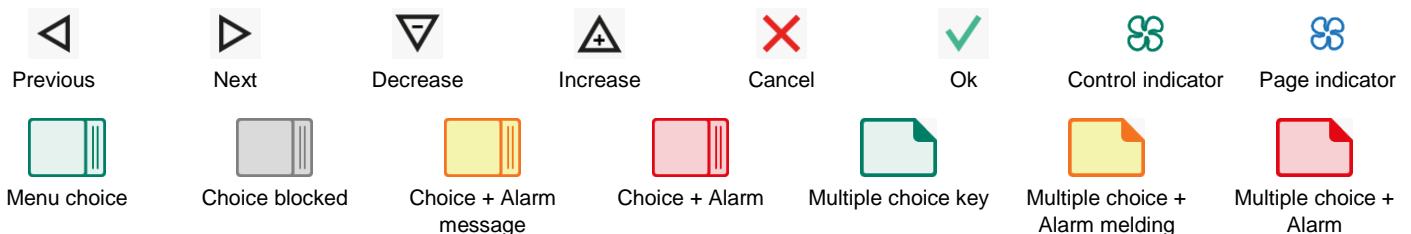
Tap here for the main menu.



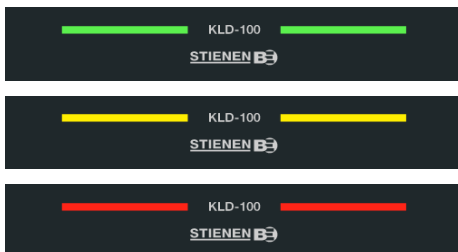
Alarm status. Tap the icon for follow-up screen.

Ventilation. Tap the icon for follow-up screen.

Pressure in ventilation channel. Tap the icon for follow-up screen.



## LED BAR






















<b>Green</b>	constantly on:	No alarm.
<b>Yellow</b>	constantly on:	Alarm, alarm delay time has not yet expired.
<b>Red</b>	constantly on:	Alarm.
	blinks regularly:	Main alarm turn off.
	blinks irregularly:	Alarm temporarily turn off.

## SCREEN NUMBER / SCREENSHOT






- ✓ ✓ ✓ By pressing the ✓ enter key three times in succession, the screen number appears on the display. If the screen is left or the enter key is pressed 3 times, the **screen number** disappears again.
- ✓ ✗ ✓ Insert a USB stick into the USB port of the LCCPU PCB. By pressing the key combination ✓ ✗ ✓, the **screenshot** is saved on the USB stick.

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## MENU BUTTONS

	Management (Danfoss controller installed).		Alarm.		System settings.		Central extraction.
	Central inlet flap.		Central heating.		Pressure measurement.		Ammonia
	Device.		Date and time.		Update from USB stick.		Update via communication.
	Service list.		Connection diagram.		Adjust inputs/outputs		Danfoss frequency converter.
	Characteristic.		To next screen.		Confirm selections and go to next screen.		

## MULTIPLE SELECTION KEYS

	Pop-up screen to confirm the selection.
	Restart measuring fans in the rooms.
	OK / Cancel.
	Setting flap position / ventilation (the 4 settings are shown on the bottom line, switching between flap position and ventilation percentage).
	European notation, English notation.

	Management.		Alarm.		Date and Time.
	Device.		Alarm device.		Installation screen.
	Outside temperature alarm.		Inlet flap.		Flap characteristic.
	Configuration screen.		Update via communication.		Update via USB stick.
	Central ventilation.		Pressure central ventilation channel.		Central inlet flap.
	Central heating.		Alarm central control.		Alarm central pressure.
	Alarm central ventilation.		Alarm pressure central ventilation channel.		Alarm central inlet flap.
	Alarm central heating.		Ammonia measurement.		Alarm ammonia measurement.
<b>1</b>	Alarm ammonia sensor 1.	<b>2</b>	Alarm ammonia sensor 2.		Communication error.
	Danfoss frequency converter.				

## ALARMS

		Main alarm ON / OFF. Attention! <b>Changing this value has a major impact on the functioning of climate controls.</b>				
		Alarm temporarily disabled (during xx minutes).				
		Test siren (for xxx seconds).				
						No alarm / No alarm (alarm off) / Alarm message / Alarm message (alarm off) / Alarm / Alarm off
						Alarm device.
						Alarm central controls.
						Alarm central ventilation.
						Pressure alarm central ventilation channel.
						Alarm central inlet flap.
						Alarm central heating.
						Alarm central pressure measurement.
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	Alarm ammonia sensor 1.
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	Alarm ammonia sensor 2.
						Alarm Danfoss frequency converters.
						Communication alarm.
						Alarm outside sensor.

## ALARM ICONS

























	No alarm.		No alarm (alarm switch off)		Alarm (alarm relay "in")
	Alarm switch OFF.		Alarm message.		Alarm message (alarm switch off).
	Temperature sensor defect.		Temperature too high.		Temperature too low.
	No outside temperature.		Ventilation too low.		Ventilation too high.
	Ventilation 0%.		AQC-flap defect.		No info from rooms.
	Bottom PCB not detected.		Communication error.		No data from Danfoss frequency converter.
	Pressure sensor faulty		Pressure too low		Pressure too high
	Ammonia sensor faulty		Ammonia concentration too low		Ammonia concentration too high
	Communication error with LAN (world wide web, FarmConnect, Remote control etc.)		Jumper A CPU PCB not in upper position.		Number of addresses in the loop is 0 (number is not entered).























## STATUS ICONS

	Wait.		No data transmission.		Data transmission.
	Data transfer failed between KLD-100 / Danfoss converter.		Successful data transmission.		Attention!
	Data transfer with FC51 is ok.		Data transfer with FC 100 is ok.		Data transfer with FC 200 is ok.
	Data transfer with FC 300 is ok.				

## CONTROL INDICATION ICONS

	Centrale ventilation.		Controlled ventilation.
	Set / current ventilation.		Average ventilation.
	Correction ventilation with x% over y seconds.		Number of fans in controlled ventilation group.
	Total ventilation capacity controlled group.		Average ventilation + optimum valve position.
	Department with the highest flap position.		Restart measuring fans in rooms.
	Pressure in central ventilation channel.		Step control.
	Type ventilator.		Number of fans per step.
	Total ventilation capacity 1st step, step control.		Pressure measurement.
	Minimum pressure.		Maximum pressure.
	Danfoss frequency converter.		No communication with Danfoss frequency converter.
	Communication with Danfoss frequency converter is OK.		1st Danfoss frequency converter.

	2 <sup>nd</sup> Danfoss frequency converter.
	4 <sup>th</sup> Danfoss frequency converter.
	Power consumption currently.
	Central inlet flap.
	Central heating.
	Minimum water temperature.
	Calculated water temperature + room with highest heat demand.
	Central heating is ON
	Device.
	Time.
	Access (installation settings).
	Master station.
	Total number of communication addresses in the loop (must be a continuous series).
	Communication address measurement value (the measurement value is read from this address).
	Number.
	Control installed.
	Ammonia measurement.
	Maximum ammonia concentration.
	Ammonia sensor 2.
	Save variables list to USB stick.
	Read the variables list from USB stick.
	Install new software program from USB or from communication loop.
	Distribute internal software program via communications.
	Pressure in central exhaust channel.

	3 <sup>rd</sup> Danfoss frequency converter.
	Current frequency.
	Inlet flap.
	Outside temperature.
	Boiler water temperature.
	Set / current temperature.
	Central heating is OFF.
	Date.
	Software version and date.
	Access denied.
	Address.
	Communication error with address x.
	Baud rate.
	Output.
	Control NOT installed.
	Minimum ammonia concentration.
	Ammonia sensor 1.
	Choice blocked, no USB stick present.
	Choice blocked, no USB stick present.
	Choice blocked, no USB stick present or not receiving new software via loop.
	WEB-485.
	Pressure difference over air washer.