



Heat recovery unit with rotary exchanger
Air flow rate from 1.000 to 30.000 m³/h
Quickly user manual

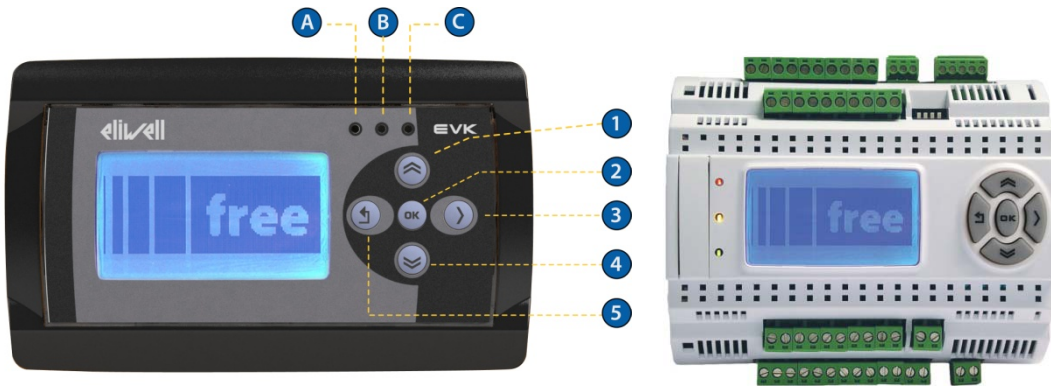
ERSR








EN


User Manual ERSR

Button Functionality

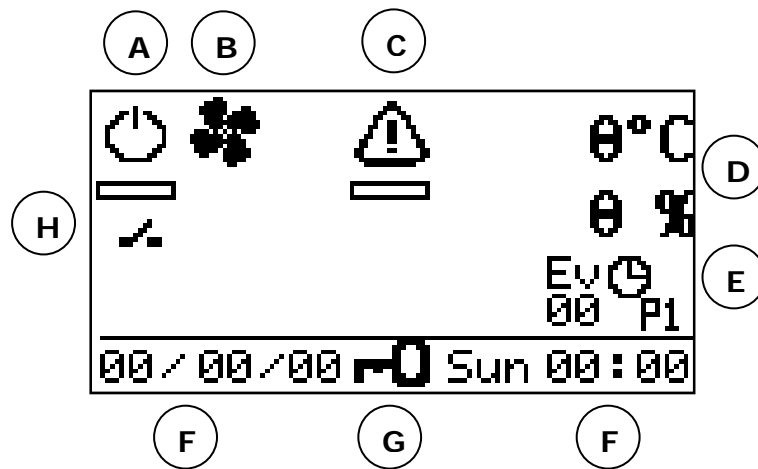












Button	Short Press	Long Press
	Navigation: - Change Selected Object Counterclockwise Value editing: - Change digit value	On Main view page: - Lock/Unlock OK button
	Navigation: - Change Selected Object Clockwise Value editing: - Change digit value	On Setting page & Password page: - Password logout
	Navigation: - Change Selected Object Counterclockwise Value editing: - Change selected digit	Navigation: - Page Esc Value editing: - Cancel Value Modification
	Navigation: - Change Selected Object Clockwise Value editing: - Change selected digit	On Main view page: - Enter into the settings page
	Navigation: - Enter Value Editing - Graphic Button Press Value editing: - Confirm Modification	On Alarm Page: - Alarm Reset
Page Timeout	- Go to previous page - On Main view page lock of the OK button	

Led

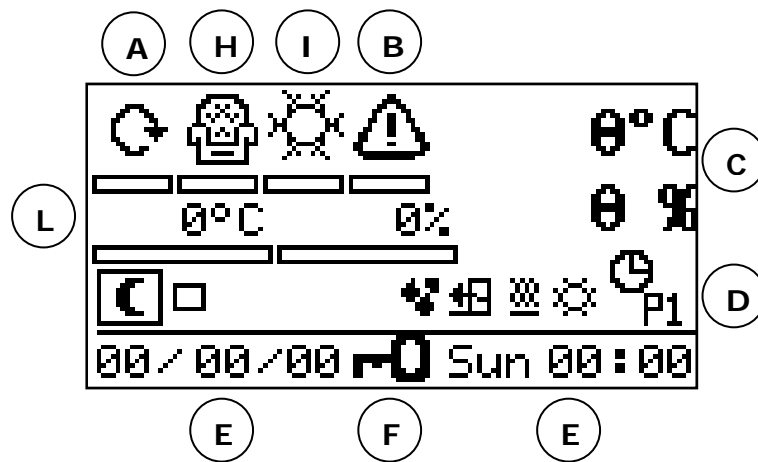
	Off	On	Blink
Green	ERSR Off	ERSR On	-
Yellow	-	Usb functions running	-
Red	No Active Alarms	Active Alarms	Resettable Alarms

Main View - Unit Off




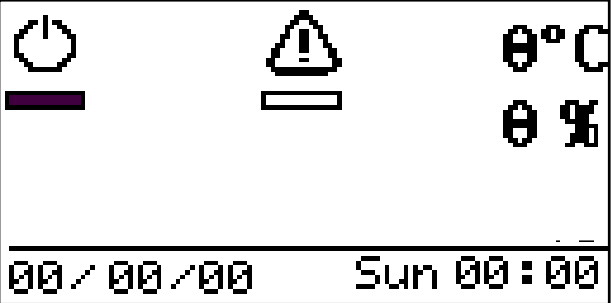

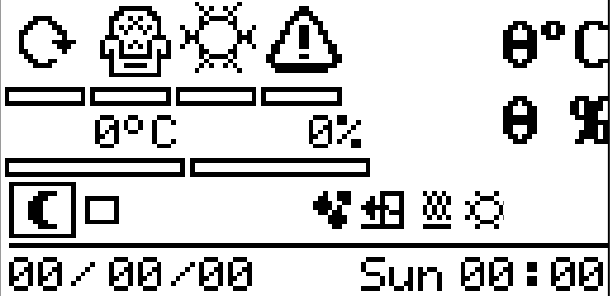

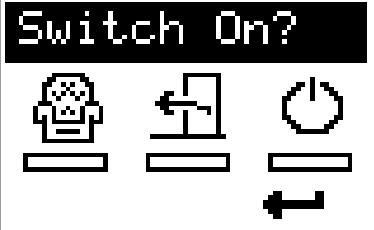

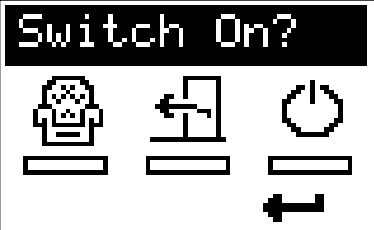

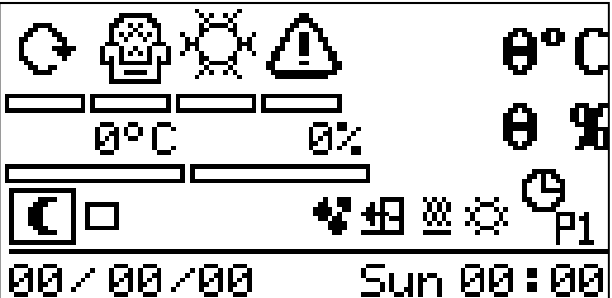
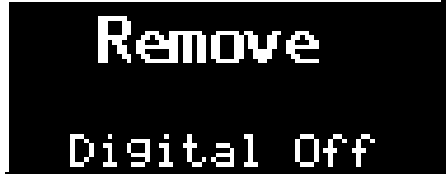

A	On/Off Button with Icon Status:  : Permanent Off by keyboard  : On by keyboard, the unit may be off by time table
B	Post Ventilation Active
C	Button with Icon Status:  Visible if some alarms is active
D	Current Temperature and Humidity
E	Current Time Bands Profile:  - P1  - P2  - P3  - P4  - P5
F	Hour and Date
G	 Visible if keyboard is locked
H	 Visible if unit is off by digital input

Main View - Unit On


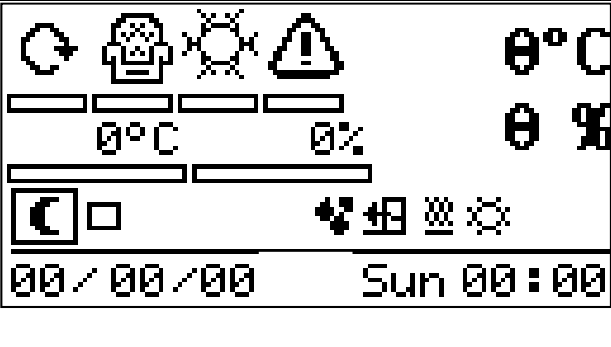

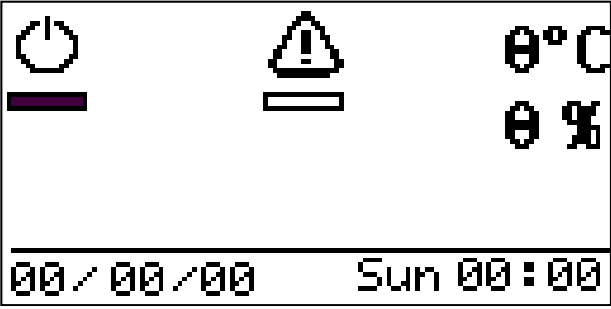

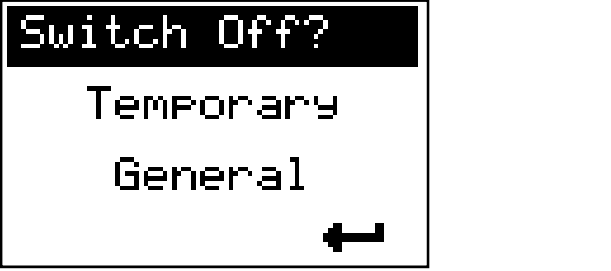

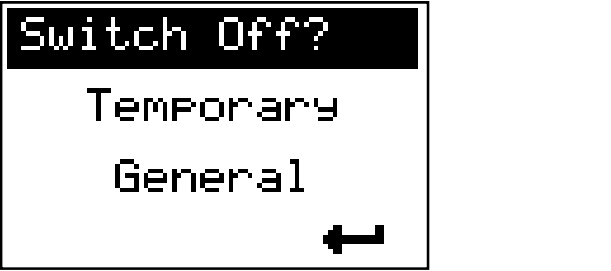

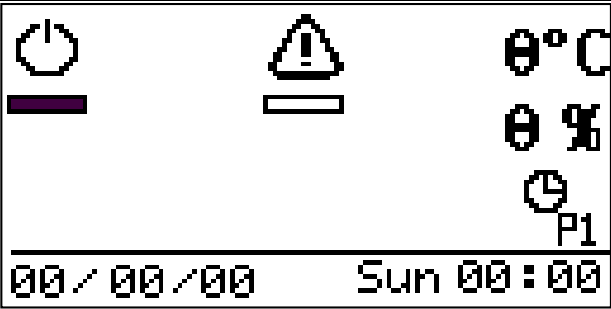


A	On/Off Button with Icon Status: ☰ : On by keyboard
B	Button with Icon Status: ⚠ Visible if some alarms is active
C	Current Temperature and Humidity
D	Current Time Bands Profile: 🕒 _{P1} - P1 🕒 _{P2} - P2 🕒 _{P3} - P3 🕒 _{P4} - P4 🕒 _{OFF} - P5 Current Mode: ☀ - Cool; ❄ - Heat 🏠 - Economy Mode Active 💧 - Dehumidification Active 🌙 - Night Mode Active
E	Hour and Date
F	🔒 Visible if keyboard is locked
G	⚡ Visible if unit is off by digital input
H	Comfort/Eco Button with Icon Status: 🛋 - Comfort Mode 🏠 - Economy Mode
I	Mode Button with Icon Status: 🔄 - Auto Mode ☀ - Cooling Mode ❄ - Heating Mode
L	Setpoint Buttons with display of the current temperature and humidity setpoint


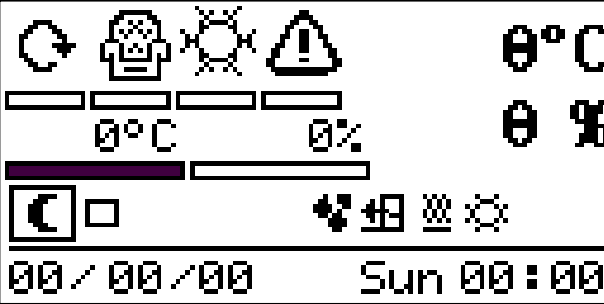







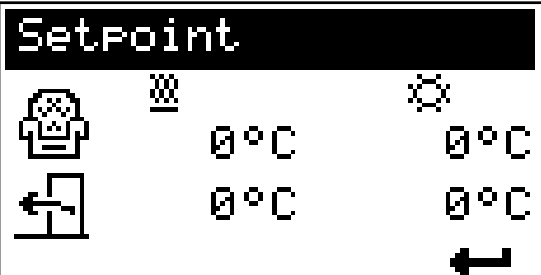


How to Switch On

		<p>Move until the On/off button is selected</p>
<p>1)</p> 		<p>If the time bands are not active, unit will switch on immediately</p>
<p>2)</p> 		<p>If the time bands are active, this popup will appear</p>
		<p>Select <i>Comfort</i> or <i>Eco</i> if you want the unit to restart in this mode until the time bands next event Select <i>Stand By</i> if you want the unit to be Off independently by next time bands events</p>
		<p>If the time bands are not active, unit will switch on immediately</p>
<p>3)</p>		<p>This popup appears if the unit is  by digital input</p>

How to Switch Off


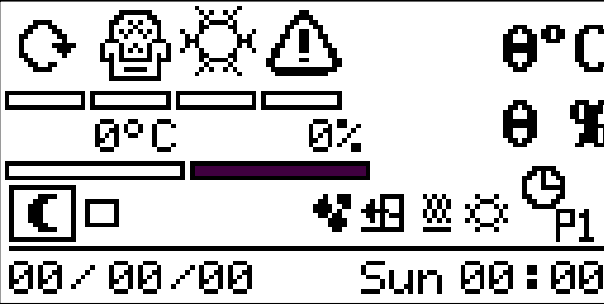

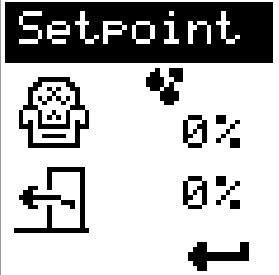

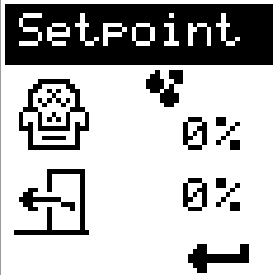

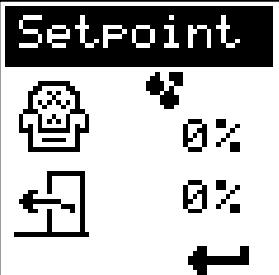

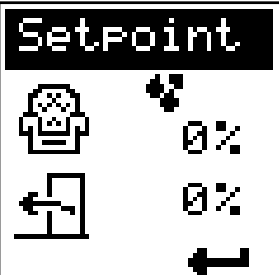


		<p>Move until the On/off button is selected</p>
<p>1)</p> 		<p>If the time bands are not active unit will switch off immediately</p>
<p>2)</p> 		<p>If the time bands are active this popup will appear</p>
		<p>Select <i>Temporary</i> if you want the unit to restore the working mode required by time bands at next event Select <i>General</i> if you want the unit to be Off independently by next time bands events</p>
		<p>⏻ : Permanent Off by keyboard ⌚ : The unit is temporary Off</p>

How to change the Temperature Setpoint

		<p>Move until the button of the setpoint you want to change is selected</p>
		<p>This popup will appear</p>
		<p>Select the desired setpoint</p>
		<p>Modify the value and press ok to confirm or Long Esc to Cancel modification Note: setpoints are limited one with each other in the following way: Eco Heat<Heat<Cool<Eco Cool</p>
		<p>Select ← and press to  close the popup, or long press of </p>


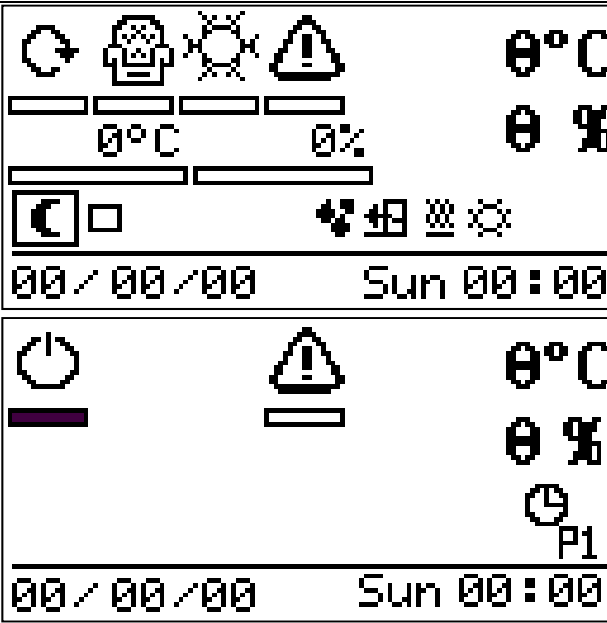

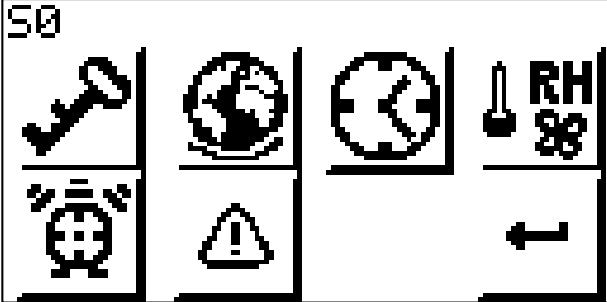




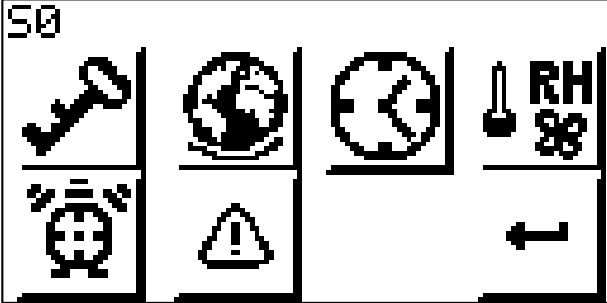

How to change the Dehumidification Setpoint

Note: Dehumidification is not active on all the unit, this part might be not visible on the display








		<p>Move until the button of the setpoint you want to change is selected</p>
		<p>This popup will appear</p>
		<p>Select the desired setpoint</p>
		<p>Modify the value and press ok to confirm or Long Esc to Cancel modification Note: setpoints are limited one with each other in the following way: Eco Heat<Heat<Cool<Eco Cool</p>
		<p>Select ← and press to  close the popup, or long press of </p>

How to enter into user setting page


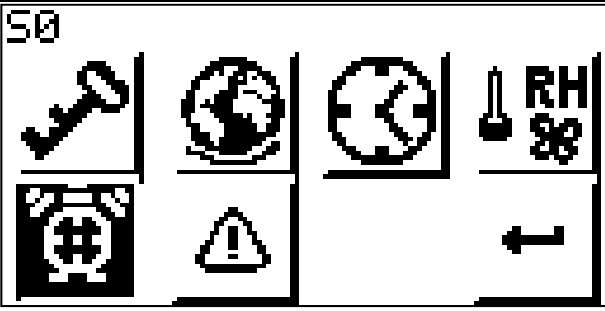

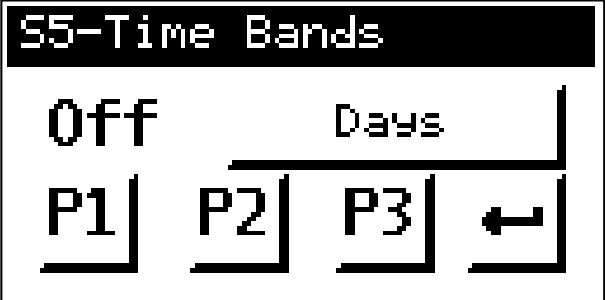

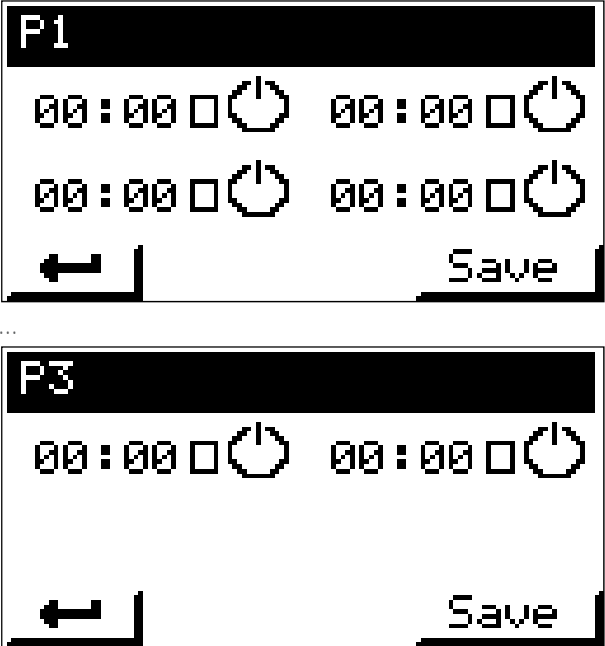



Note: Dehumidification is not active on all the unit, this part might be not visible on the display

		<p>Press long right button</p>
		<p>This page will appear</p>
   		<p>Select the desired option and press </p>


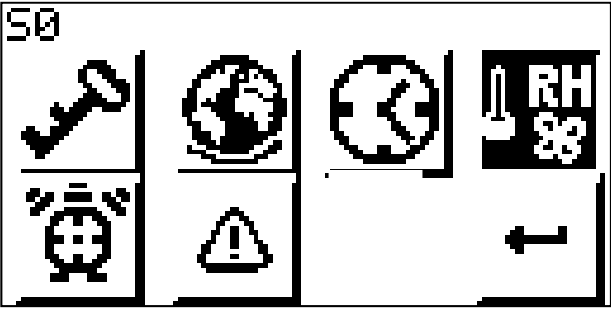



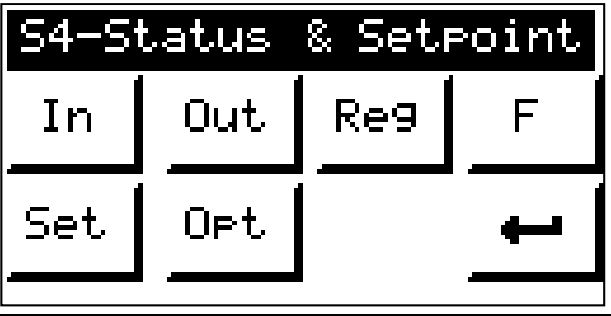
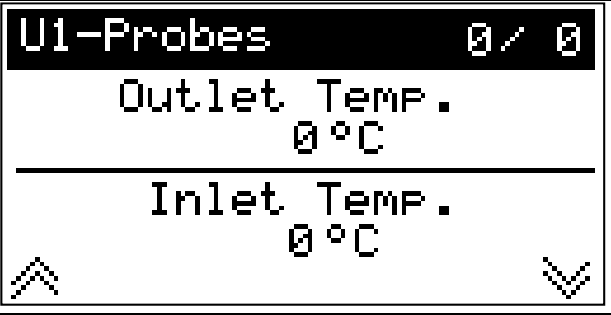
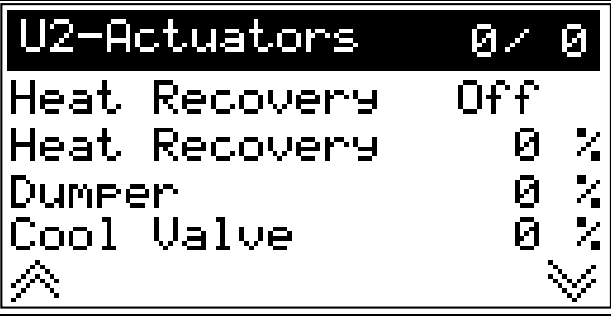
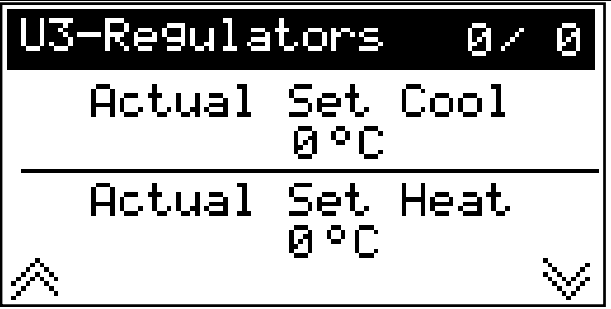
Setting page

	<p>Service Settings</p> <p>S1-Password</p> <p>rev: abcde</p> <p>abcde</p> <p>← [X] Ok</p>		<p>Set & Status Settings</p> <p>S4-Status & Setpoint</p> <p>In Out Reg F</p> <p>Set Opt ←</p>
	<p>Language Settings</p> <p>S2-Languages</p>  <p>English</p> <p>←</p>		<p>Time Bands Settings</p> <p>S5-Time Bands</p> <p>Off Days</p> <p>P1 P2 P3 ←</p>
	<p>Hour Settings</p> <p>S3-Clock</p> <p>00 : 00 : 00</p> <p>Sunday</p> <p>00 / 00 / 00</p> <p>Update</p>		<p>Alarm and Historical</p> <p>S6-Alarms</p> <p>Active - Res.</p> <p>Historical</p> <p>←</p>

How to set Time Bands

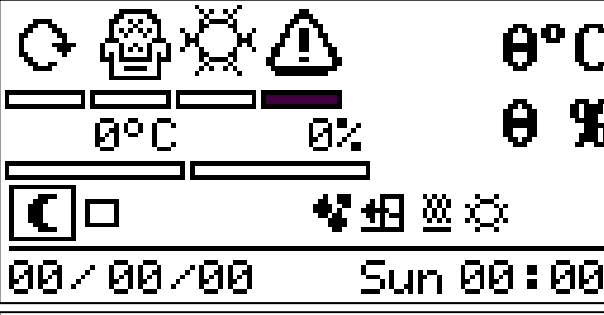
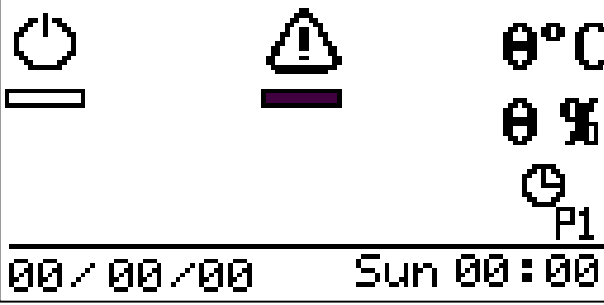

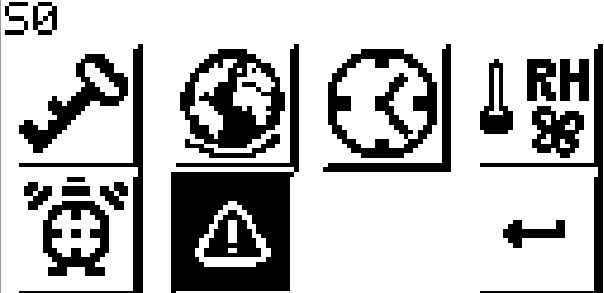

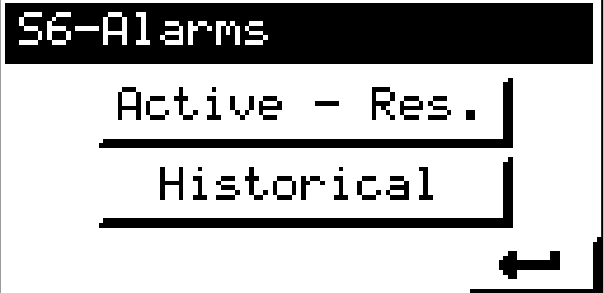

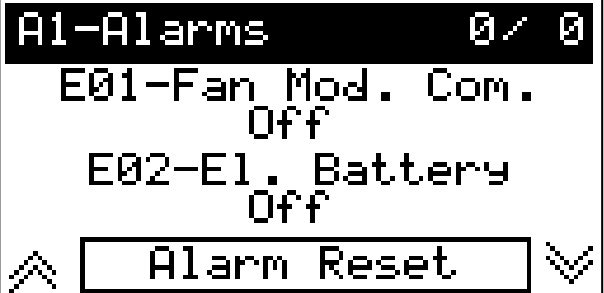
		
		<p>This page will appear. Select and eventually change <i>Off (On)</i> to enable/disable Time Bands Select <i>Days</i> to change the profile associates to each day of the week Select <i>P1,P2,P3</i> in order to change a profile setting Profile <i>P4,P5</i> cannot be changed they corresponds to all day on and all day off respectively</p>
		<p>Define the 2/4 time events of the profile and the related working mode: ☐ Off - 🧘 Comfort - 🏠 Economy- 🌙 Night</p> <p>Press <i>Save</i> to update the profile or  to cancel</p>
		<p>Define the profile associate to each day of the week</p>


Status & Setpoint

		<p>Status & Setpoint page can be accessed directly by pressing  on the  icon</p>
		<p>By selecting one of the icon user can access to the following lists.</p>
<p>In</p>		<p>Probe measures ----- is displayed in case of probe not connected or in alarm</p>
<p>Out</p>		<p>Actuators status ----- is displayed in case of actuator not present</p>
<p>Reg</p>		<p>Status List:</p> <ul style="list-style-type: none"> - Actual Set Cooling - Actual Set Heating - Outlet power reduction

F	<p>U4-Functions 0/0</p> <p>External Comfort Voc Comfort Keyboard Comfort</p> <p>⏶ ⏷</p>	<p>Status List:</p> <ul style="list-style-type: none"> - Eco/Comfort call by digital input - Eco/Comfort call by VOC - Eco/Comfort call Keyboard - Warpup phase
Set	<p>U5-Set 0/0</p> <p>Dynamic Set Cool 0 °C</p> <hr/> <p>Dynamic Set Heat 0 °C</p> <p>⏶ ⏷</p>	<p>Parameter List:</p> <ul style="list-style-type: none"> - Dynamic Setpoint Set in Cooling - Dynamic Setpoint Set in Heating - VOC Setpoint (R/W if enabled) - Changeover Setpoint (R/W if enabled) - Post Setpoint
Opt	<p>U6-Options 0/0</p> <p>Dynamic Setpoint No</p> <hr/> <p>Dehumidif. No</p> <p>⏶ ⏷</p>	<p>Parameter List:</p> <ul style="list-style-type: none"> - Enable/Disable Dynamic Setpoint - Enable/Disable Dehumidification (enable is possible only on limited configuration)






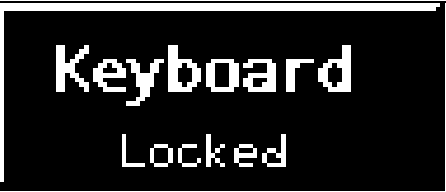
Alarms & Historical

<p>1)</p> <p>OK</p>	 	<p>Alarm page can be accessed directly by pressing OK on the alarm icon </p>
<p>2)</p> <p>OK</p>		<p>Alarm page can be accessed from setting page by pressing OK on the alarm icon </p>
<p>2)</p> <p>OK</p>		<p>Select <i>Active – Res.</i></p>
		<p>The list displays the current not active alarms and related status</p> <p>By long press of OK user can try to reset alarms</p>


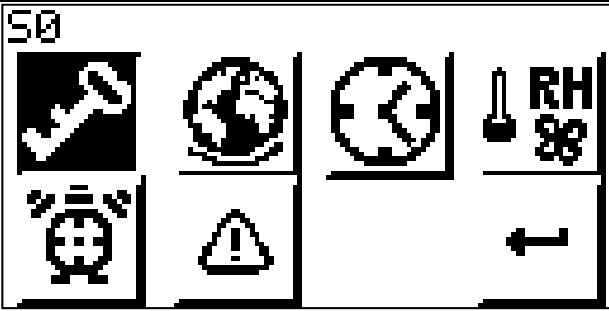



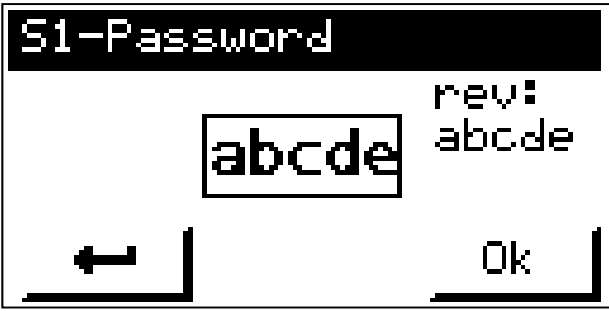

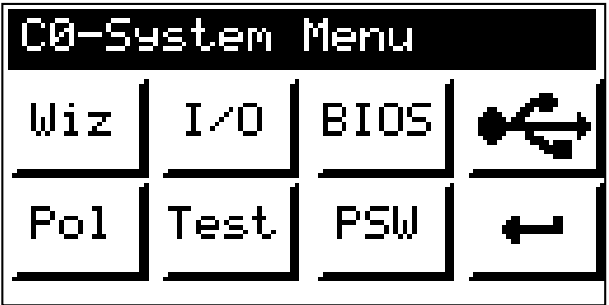

	<p>A2-Historical 0/30</p> <p>---</p> <p>Off</p> <p>00:00:00 00000</p> <p>⏪ ⏩</p>	<p>The list displays the historical alarms</p>
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Alarm & Historical List
E01-Fan Mod. Com.
E02-El. Battery
E03-Ext.Temp.Pr.
E04-Inlet Temp.Pr.
E05-Outlet Temp.Pr.
E06-Inlet Inverter
E07-Outlet Inverter
E08-Inlet Pres.Pr.
E09-Outlet Pres.Pr.
E10-Inlet Filter
E11-Outlet Filter
E12-Umidity probe
E13-Smoke
E14-Reg. Probe
E15-Inlet Low Pres.
E16-Outlet Low Pres.
E17-Antifreeze
E18-Antifreeze Pr.
E19-Clock
E20-Voc Pr.

Messages


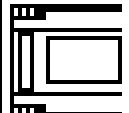


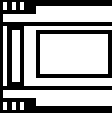
		The user has tried to write a value lower than the minimum allowed
		The user has tried to write a value greater than the minimum allowed
		Keyboard is locked

Service – How to enter System Menu

		<p>Service page can be accessed directly by pressing  on the  icon</p>
		<p>Insert the password and press <i>OK</i> button</p>
		<p>Select the desired option and press </p>

Password logout can be done by long press of  inside pages Setting or Password

System Menu page

Wiz	<p>Unit Configuration</p> <p>C1-Wizard</p> <p>°/RH  ACT VOC</p> <p>HR ... HW ←</p>	Pol	<p>Polarity Settings</p> <p>C5-Polarity 0 / 0</p> <p>DI1 0=Off/Alarm, 1=On</p> <p>DI2 0=Off/Alarm, 1=On</p> <p>⌅ ⌋</p>
I/O	<p>Physical I/O Value</p> <p>C2-I/O</p> <p>Analog Input</p> <p>Digital Input</p> <p>Analog Output</p> <p>Digital Output</p>	Test	<p>Test Output</p> <p>C6-Test 0 / 0</p> <p>D01 Off</p> <p>D02 Off</p> <p>D03 Off</p> <p>D04 Off</p> <p>⌅ ⌋</p>
Bios	<p>I/O and Connectivity Settings</p> <p>C3-Bios</p> <p>In  RS485</p> <p>Out</p>	Psw	<p>Password Definition</p> <p>C7-Password</p> <p>Service abcde</p> <p>OEM *****</p> <p>←</p>
	<p>Update application / Download parameter map</p> <p>C4-USB Key</p> <p> --> </p> <p><--</p>		



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carta riciclata
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papier recyclé
recycled papier



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