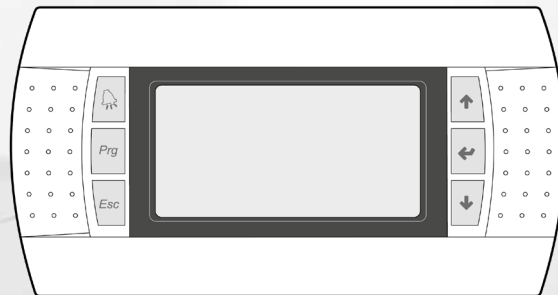
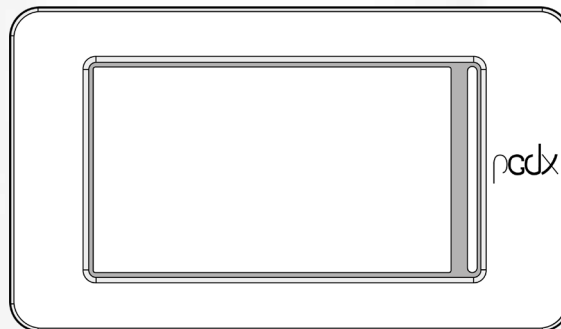


PRGD1 - PRGDx

User manual



ELECTRONIC CONTROLLER

Dear Customer,

Thank you for wanting to learn about a product Aermec. This product is the result of many years of experience and in-depth engineering research, and it is built using top quality materials and advanced technologies.

The manual you are about to read is meant to present the product and help you select the unit that best meets the needs of your system.

However, please note that for a more accurate selection, you can also use the Magellano selection program, available on our website.

Aermec, always attentive to the continuous changes in the market and its regulations, reserves the right to make all the changes deemed necessary for improving the product, including technical data.

Thank you again.

Aermec S.p.A.

SAFETY CERTIFICATIONS



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled disposal of Waste Electrical and Electronic Equipment (WEEE), please return the device using appropriate collection systems, or contact the retailer where the product was purchased. Please contact your local authority for further details. Illegal dumping of the product by the user entails the application of administrative sanctions provided by law.

All specifications are subject to change without prior notice. Although every effort has been made to ensure accuracy, Aermec shall not be held liable for any errors or omissions.

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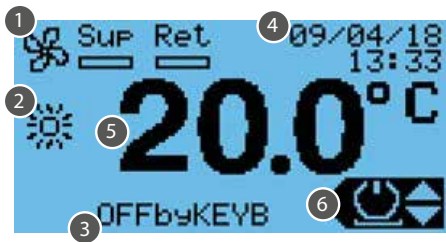
1 PRGD1

1.1 USER INTERFACE (BUTTONS)



Icon	Description	Function
	Alarm button	<ul style="list-style-type: none"> • Access to the alarm menu. • Flashing signal alarm present but resettable. • Permanent signal alarm present but not resettable.
	PRG button	Access to the unit/machine menu
	Esc button	<ul style="list-style-type: none"> • Exit from the unit/machine menu without confirmation of the changes. • Exit from the short menu. • Exit from the settings without confirmation of the changes.
	Up/Down buttons	<ul style="list-style-type: none"> • Scrolling of unit/machine menu and settings. • Short menu scrolling.
	Enter button	<ul style="list-style-type: none"> • Confirm unit/machine menu input. • Confirm short menu input. • Confirm settings.

1.2 USER INTERFACE (DISPLAY)



- : time periods enabled
- 4. Current machine date and time
- 5. Flow air adjustment temperature set-point
- 6. Menu:
 - Short menu On/Off
 - Short menu info
 - Short menu setpoint

1. Flow and ejection fan status
2. Operating mode:
 - Heating
 - Cooling
3. Display of the general system state:
 - OFFbyALR. : unit switched off due to alarm (see alarm table)
 - OFFbyBMS : unit switched off by supervision system (enable from parameter)
 - OFFbySCHED : unit switched off by time period
 - OFFbyDIN : unit switched off by digital input
 - OFFByKEYB : unit switched off by keyboard
 - OFFbyFAN : unit switched off by fan
 - OFFByCOND : unit switched off by specific operating conditions
 - OFF ANTIFRE. : Anti-freeze OFF
 - SWITCH ON
 - PRE-HEATING
 - HEATING. : unit in heating mode
 - COOLING : unit in cooling mode
 - DEFROS : unit in defrosting
 - ANTI-FREEZE
 - ADJ. PRB ERR : control probe error
 - SHUTDOWN : unit in shutdown

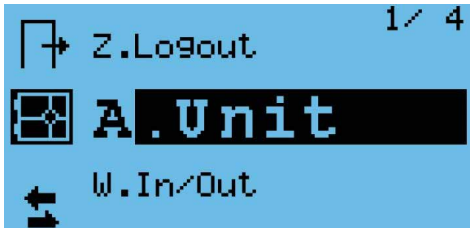
1.3 USER LOGIN

The password to be set to access the machine menu is 0010.
 Not all screens will be available for display and/or editing.
 To access the menu, press the Prg key, use the Up/Down keys to modify/change/edit the value and confirm by pressing the Enter key.

Once the Login password has been entered:



You can access the menu:

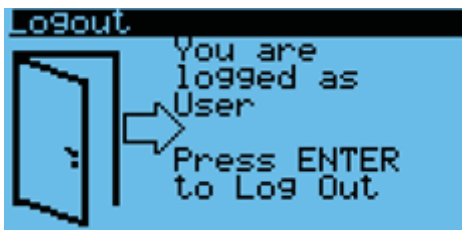


Otherwise the following message will be displayed:



1.4 Z MENU - USER LOGOUT

To Logout the user, scroll to the "Z" menu using the Up/Down key and access by pressing Enter.

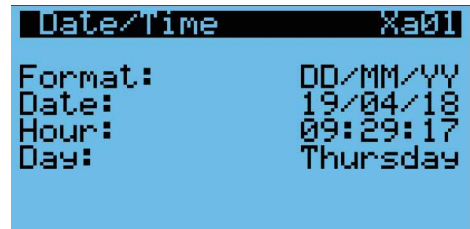


Pressing the Enter key again exits the USER profile to automatically go back to the home screen.

1.5 XA MENU - CHANGE DATE AND TIME

Once accessed as USER, scroll the menu using the Up/Down key up to the "X" menu and access by pressing the Enter key.
 Scroll the menu again by using the Up/Down key up to the a. menu and access by pressing the Enter key.
 Once in the screen, it will be possible to switch to the edit mode by pressing the Enter key.
 The parameter that can be edited by using the Up/Down keys will be the one highlighted by the cursor (type DD/MM/YY) and you will confirm by using the Enter key or exit without confirming by using the Esc key.
 Press the Enter key to switch between parameters.

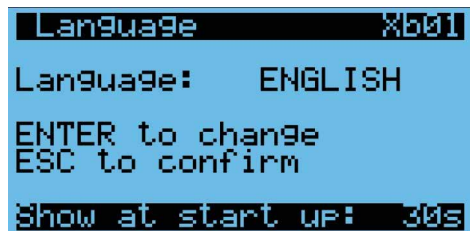
Xa01



1.6 XB MENU - APPLICATION LANGUAGE CHANGE

Once accessed as USER, scroll the menu using the Up/Down key up to the "X" menu and access by pressing the Enter key.
 Scroll the menu again by using the Up/Down key up to the "b" menu and access by pressing the Enter key.
 Use the Enter key to change the application language to one of the ones available.

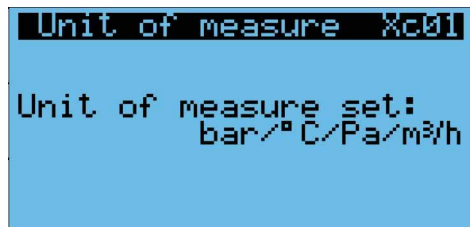
Xb01



1.7 XC MENU - UNIT OF MEASUREMENT CHANGE

Once accessed as USER, scroll the menu using the Up/Down key up to the "X" menu and access by pressing the Enter key.
 Scroll the menu again by using the Up/Down key up to the "c" menu and access by pressing the Enter key.
 Once in the screen, it will be possible to switch to the edit mode by pressing the Enter key.
 The parameter that can be edited by using the Up/Down keys will be the one highlighted by the cursor and you will confirm by using the Enter key or exit without confirming by using the Esc key.

Xc01



The possible units of combinations combinations are:

- Kpa / °C / Pa / m3/h
- bar / °C / Pa / m3/h (default)
- psi / °C / "wc / cfm
- psi / °F / "wc / cfm

1.8 XD MENÙ - USER PASSWORD CHANGE

Once accessed as USER, scroll the menu using the Up/Down key up to the "X" menu and access by pressing the Enter key.

Scroll the menu again by using the Up/Down key up to the a. menu and access by pressing the Enter key.

Once in the screen, it will be possible to switch to the edit mode by pressing the Enter key.

The parameter that can be edited by using the Up/Down keys will be the one highlighted by the cursor and you will confirm by using the Enter key or exit without confirming by using the Esc key.

Press the Enter key to switch between parameters.

Xd01



1.9 ALARM

If the Alarm key is on fixed or flashing, press the relative key to display the alarm and contact the support centre.

1.10 QB MENÙ - UNIT ON/OFF

Use the Up / Down key to bring the short menu icon to On/Off and confirm by using Enter and access the screen "Qb01" for switching the unit on and off. The unit can be switched on **ON** (if not switched off from BMS or digital input) or off via the Enter key **OFF** .

1.11 QC MENÙ - ADJUSTMENT TEMPERATURE, FLOW FAN AND OPERATING MODE SET-POINT

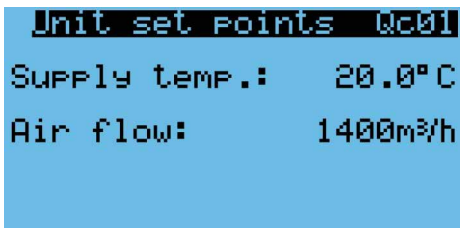
Use the Up/Down key to bring the short menu icon to Set and confirm by using Enter to access the Qc01 screens to set the flow temperature (within the factory limits in the Qc03 screen) and the flow rate (inside the factory default values), Qc02 to set the heating, cooling, automatic mode.

Once in the screen, it will be possible to switch to the edit mode by pressing the Enter key.

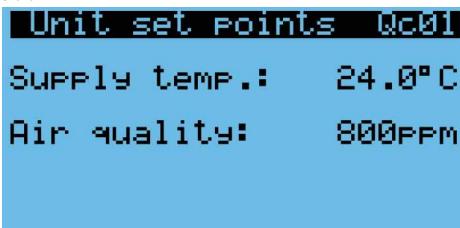
The parameter that can be edited by using the Up/Down keys will be the one highlighted by the cursor (type **a: 20.0°C**) and you will confirm by using the Enter key or exit without confirming by using the Esc key.

Press the Enter key to switch between parameters.

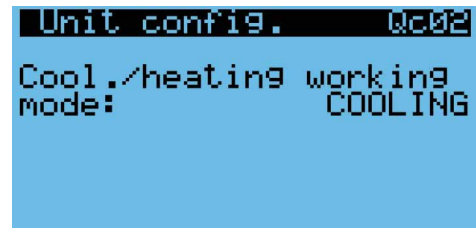
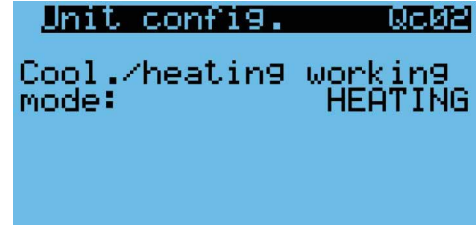
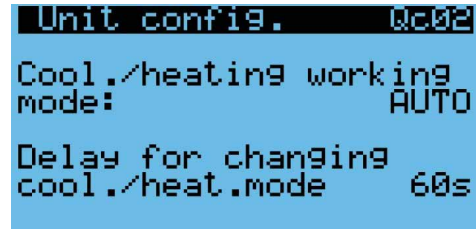
Qc01 - Standard version



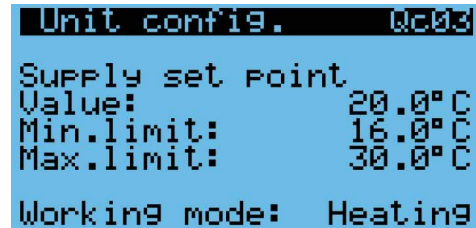
Qc01 - CO2 version



Qc02:



Qc03



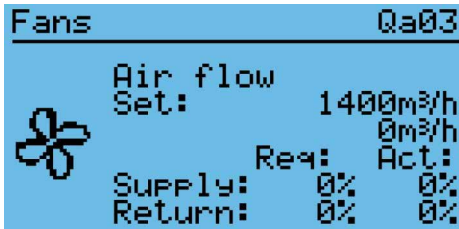
1.12 QA MENÙ - UNIT OPERATION INFO

Use the Up/Down key to bring the short menu icon to Info and confirm with Enter and access the screen Qa01 - Qa10 (the Qa02 screen is not relevant for this application).

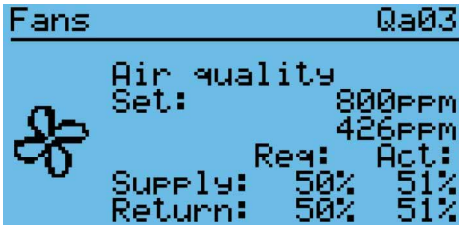
Qa01



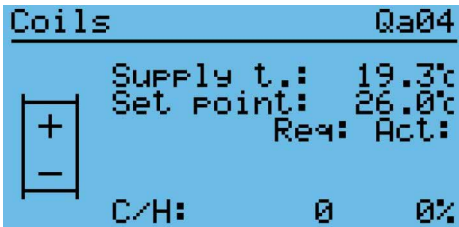
Qa03 - Standard version



Qa03 - CO2 version



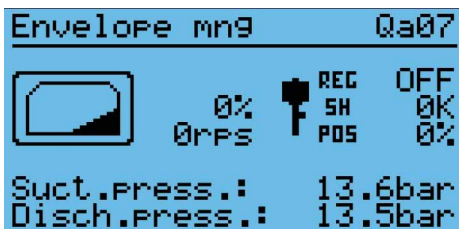
Qa04



Qa06



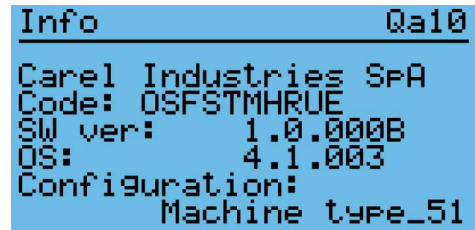
Qa07



Qa08
















Qa10



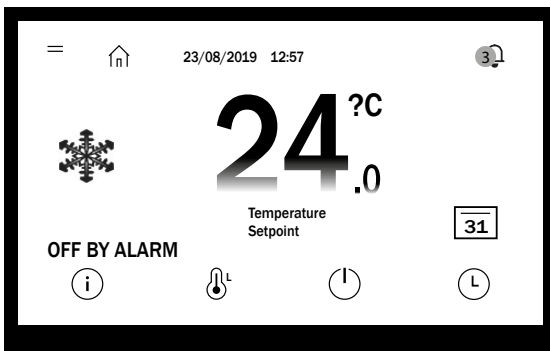
2 PRGDx

2.1 KEY ICONS

Icon	Description	Meaning
	pGD1	Reserved to SUPPORT
	Home	Return to the main screen
 	Alarm	<ul style="list-style-type: none"> • Access the alarm menu • Alarm presence warning
	Info	Reserved to SUPPORT
	Setpoint	Access to the temperature and flow rate set point setting menu
	On/Off	Access to the unit start-up and shutdown menu
	Clock	Access to the time, time periods setting menu
	Off	Unit OFF from time period warning
	Eco	Unit in Economy from time period warning
	Pre-Comfort	Unit in PreComfort from time period warning
	Comfort	Unit in Comfort from time period warning
	Error	Warning error caused by no communication between terminal and machine

2.2 HOME

Main screen where the temperature set point, the operating mode and any presence of machine alarms are displayed.



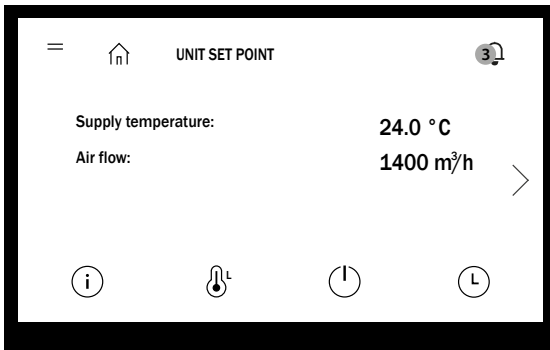
2.3 SETPOINT

Clicking on the centre of the Home screen will access the current set point setting menu. The screens may change according to the type of unit configuration.

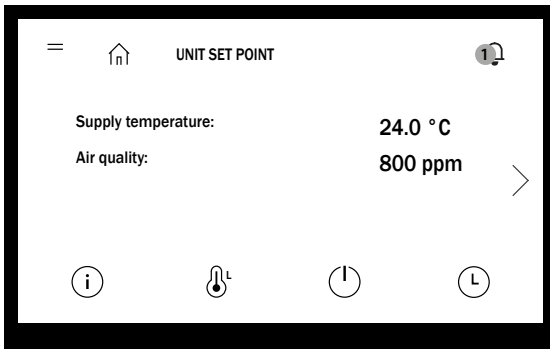
The possible settings are:

- A. Flow temperature + Air flow rate (m³/h) flow if CPO control
- B. Flow temperature + Return air fouling (ppm CO²) if CPQ control
- C. Flow temperature + Air flow rate (m³/h) flow and return if CPO+CPVR control
- D. Heating/Cooling/Automatic operating mode

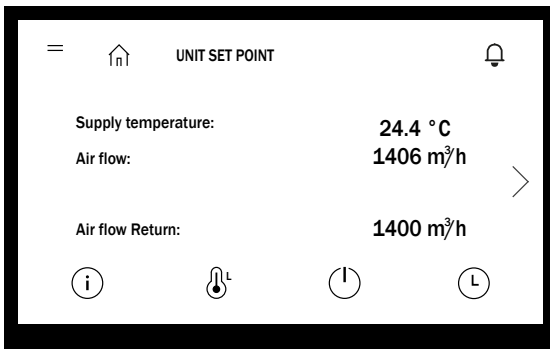
A



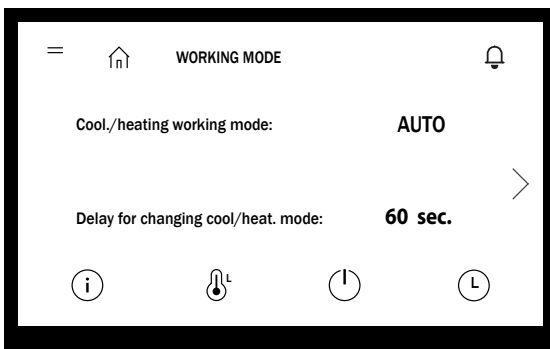
B



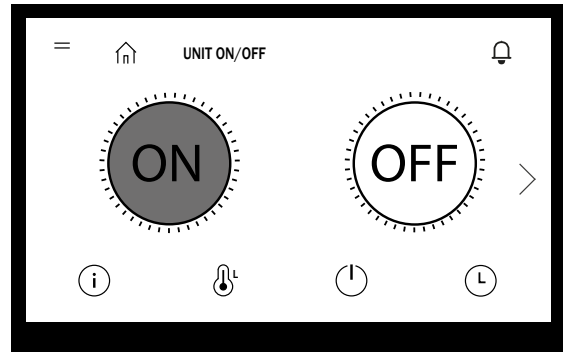
C



D



2.4 ON/OFF

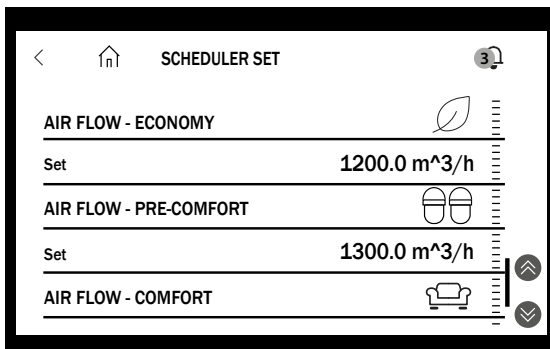
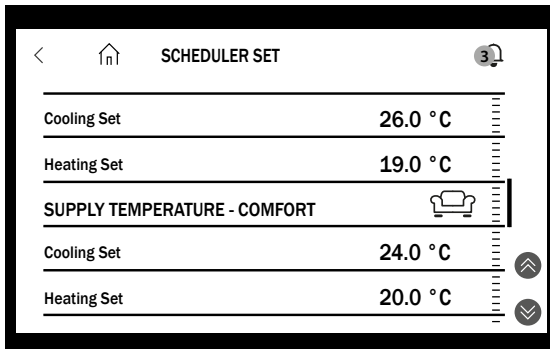
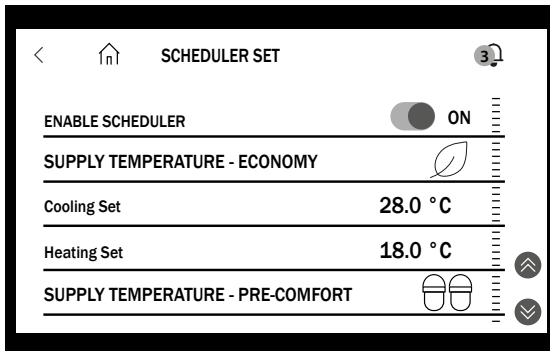
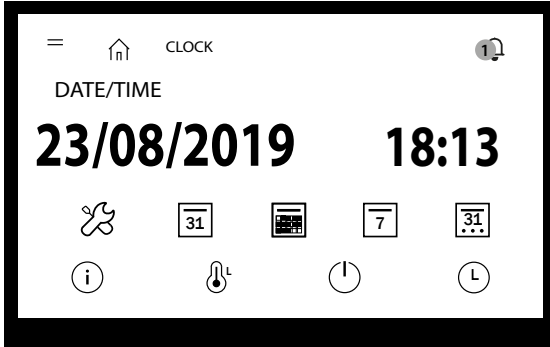


2.5 CLOCK AND TIME EVENTS

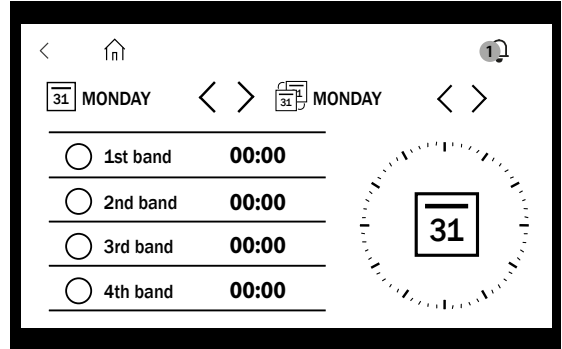
The possible settings are:

- A. Clock and time events
- B. Time periods and set settings enable
- C. Daily settings (4 different events for each day of the week, the settings of one day can also be copied on others)
- D. Holiday days (3 periods per year)
- E. Special days (6 individual days per year)
- F. Graphical display of daily time periods (different colours will be present depending on the operating status)

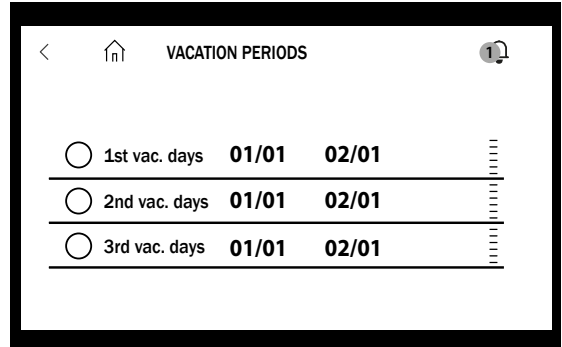
A



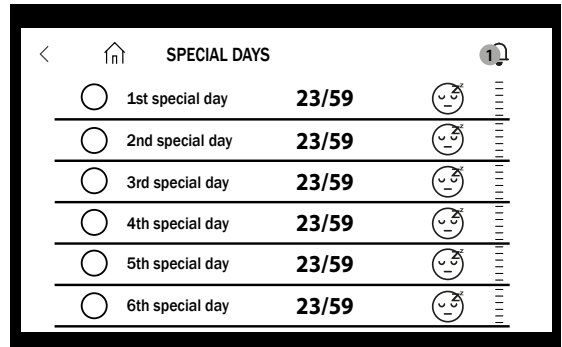
C



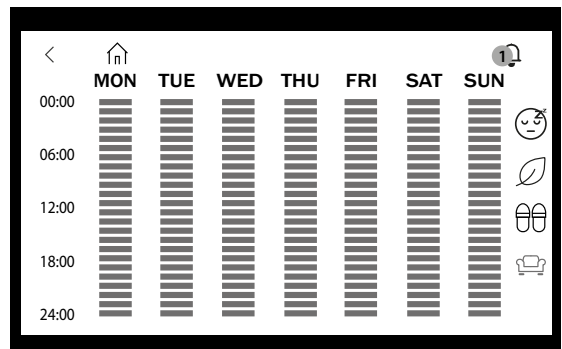
D



E



F

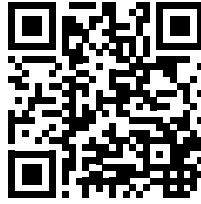


SCARICA L'ULTIMA VERSIONE:



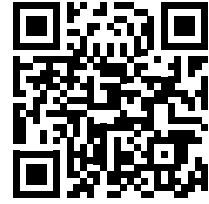
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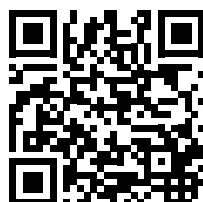
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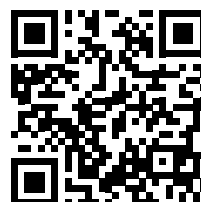
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marketing@aermec.com - www.aermec.com

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<http://www.aermec.com/qrcode.asp?q=14470>

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