



**JOLLY MEC**

# RADIO CONTROL

## USER MANUAL

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To be kept by the purchaser



Remote radio control for air heating products

*Dear Customer,*

*thank you for having chosen to heat and save with a Jolly Mec product. Please carefully read and keep this sheet before using the equipment.*

*The manual provides information and suggestions necessary for correct product use. Knowing and observing these instructions will allow you to fully and safely enjoy the potential your equipment can offer you.*

## TABLE OF CONTENTS

<b>CHAP.01</b>	<b>PREMISES.....</b>	<b>4</b>
01.1	WARNINGS.....	4
01.2	SYMBOLOLOGY.....	4
<b>CHAP.02</b>	<b>USER INTERFACE.....</b>	<b>5</b>
02.1	RADIO CONTROL DESCRIPTION.....	5
02.1	KEY FUNCTIONS.....	5
02.3	ICON MEANINGS.....	6
02.4	EMERGENCY CONSOLE.....	7
02.5	BATTERY INSTALLATION AND REPLACEMENT.....	8
02.6	RADIO CHANNEL SETTINGS.....	9
02.7	KEYBOARD LOCK.....	9
02.8	DISPLAY BACKLIGHT.....	10
<b>CHAP.03</b>	<b>OPERATING MODE.....</b>	<b>11</b>
03.1	APPLIANCE OPERATIONS.....	11
03.2	REMOTE CONTROL USE AS A PROBE.....	11
03.3	MAIN STATUS MESSAGE MEANINGS.....	12
03.4	MAIN SETTINGS.....	13
<b>CHAP.04</b>	<b>USER MENU.....</b>	<b>14</b>
04.1	FUNCTIONS.....	14
04.2	STRUCTURE.....	15
<b>CHAP.05</b>	<b>FAULT DIAGNOSIS AND TROUBLESHOOTING.....</b>	<b>26</b>
05.1	ALARM MESSAGES.....	26
05.2	TECHNICAL SPECIFICATIONS.....	29

## CHAP.01 PREMISES

### 01.1 WARNINGS

- *We recommend you carefully read and follow the instructions in this manual for correct use.*
- *It should be kept with care and attentively consulted since all the warnings provide important safety instructions.*
- *Incorrect use could cause damage and injury to people, animals or property, for which the manufacturer cannot not be held liable.*
- *The appliance must be used only for its intended purpose. Any other use is deemed improper and therefore dangerous.*
- *The manufacturer declines any contractual or non-contractual liability for damages caused by errors in installation or use of the appliance or failure to follow the instructions contained in this manual.*
- *All rights on the reproduction of this technical manual are owned by Jolly Mec Caminetti S.p.A.*
- *The descriptions and illustrations provided in the following publication are not binding.*
- *Jolly Mec Caminetti S.p.A reserves the right to make any modifications that may be deemed appropriate.*
- *This manual cannot be given to third parties for perusal without the written permission of Jolly Mec Caminetti S.p.A.*
- *Do not make any unauthorised modification to the appliance. Any unauthorised modification will automatically invalidate the warranty and release the manufacture from all liability.*
- *Use only original spare parts recommended by the manufacturer. Original spare parts are available through retailers, specialised Tecnical Service Centers, or directly at the head office of Jolly Mec Caminetti S.p.A.*

### 01.2 SYMBOLOGY

In this manual, points of considerable importance are marked with the following symbology:



**INSTRUCTION:** Instructions regarding the correct use of the appliance.

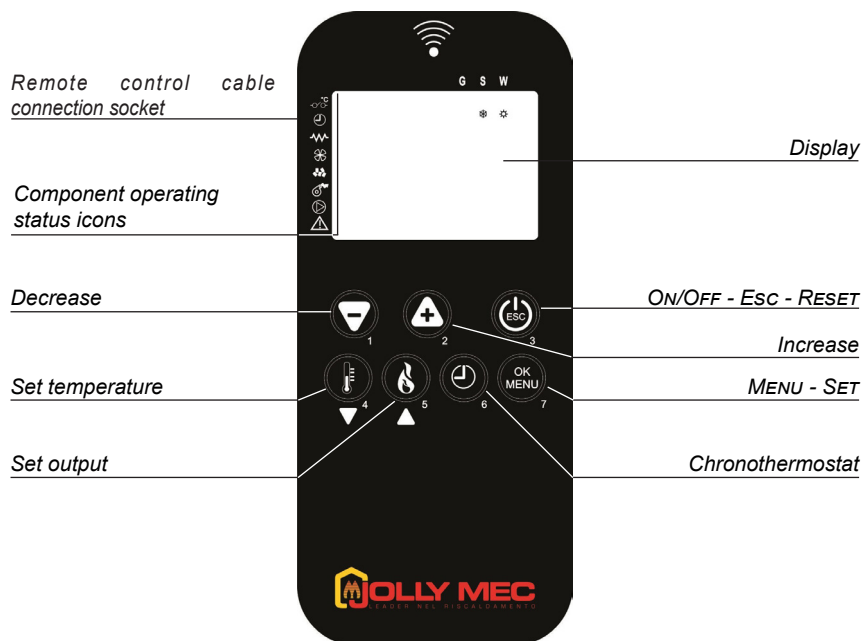


**WARNING:** This point is particularly important.

## CHAP.02 USER INTERFACE

### 02.1 RADIO CONTROL DESCRIPTION

The radio control lets you communicate with the control unit. The keys are used to transmit commands to the control unit while the display informs the user on stove operating status. Programming mode displays the various settings that can be edited using the keys.












### 02.1 KEY FUNCTIONS

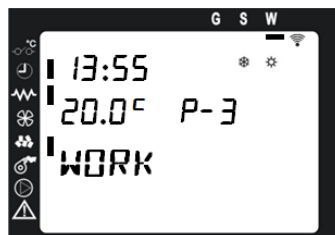
Key	Description	Mode	Action
1	Decrease	EDIT VALUE	Decreases the selected menu and/or setting value
2	Increase	EDIT VALUE	Increases the selected menu and/or setting value
3	ON/OFF - ESC - RESET	OFF	Turns on
		WORK	Turns off
		ALARM	Resets the alarm
		MENU	Returns to the previous level
4	Temperature selection	OFF	Lets you set Room temperature
		WORK	Lets you set Room temperature
		MENU	Go to the previous page or setting
5	Output selection	OFF	Opens the output settings page
		WORK	Opens the output settings page
		MENU	Go to the previous page or setting
6	Chronothermostat	ANY	Turns the chronothermostat function On/Off
7	Menu	OFF	Opens the menu
		WORK	Opens the menu
		MENU	Opens the next menu level and/or confirms

**02.3 ICON MEANINGS**

A segment may or may not be found next to or under each icon on the display to indicate whether or not the relevant component and/or function is enabled. The functions or components associated with the various icons are:

- |   |   |   |  |
|---|---|---|--|
|  | Room probe request  |  | Auger gear motor   |
|  | Chronothermostat  |  | Fume fan   |
|  | Electrical resistance                                       |  | V1 main air exchanger fan  |
|  | Supplementary fans (for stoves with channeling system only) |  | Alarm  |
| <b>G</b>  | Day chronothermostat program                                |  | Communication with control unit<br>(Appears on the display when communicating) |
| <b>S</b>  | Week chronothermostat program                               |   |  |
| <b>W</b>  | Week-End chronothermostat program                           |   |  |

The image below depicts an example of a radio control screen which indicates that the chronothermostat function is running in the Week-End program and the auger gear motor and electrical resistance are running.



**WARNING**



The stove and firebox must **ALWAYS** be cleaned before starting up the stove, to avoid failed or difficult start up due to residual unburned residue inside the firebox from previous use.

## 02.4 EMERGENCY CONSOLE

In the event radio control fault compromises good operations, the emergency console installed on the appliance can be used to run main functions such as ignition, shutdown and work output settings.

On, off or alarm reset key.  
Next to a green led. When the led is on, it means that the appliance is running. When the led is blinking, the appliance is shutting down while the appliance is off when the led is off.

Command transmission indicator.  
The blinking yellow led indicates that the radio control is communicating with the appliance control unit.

Red alarm signal led.

Output Increase and Decrease keys.  
The yellow leds next to the keys indicate the set output level:

Led On	Output level
1	1
1 and 2	3
2	5

Remote control cable connection socket

### Remote control connection to the console

Radio wave transmission between the radio control and control unit, by nature, could be hindered by disturbances and interferences due to the vicinity of other electric or electronic devices that emit radio signals in the environment. The opposite may occur at times, meaning the radio waves transmitted by the Jolly Mec device (at 433 MHz frequency) create interferences with other devices in the vicinity. To prevent these problems, we recommend wiring the remote control to the emergency console so that radio wave communications are no longer necessary between the two devices. Remote control wired operations are only possible after removing the batteries from the specific back compartment as illustrated in **CHAP.02.5 - BATTERY INSTALLATION AND REPLACEMENT**.



## 02.5 BATTERY INSTALLATION AND REPLACEMENT

The radio control is powered by two AAA alkaline batteries. In the event of radio control malfunctions, always check whether the batteries are charged. Otherwise, replace them with new ones of the same type. To replace the batteries, remove the cover on the back of the radio control, insert the batteries in the specific compartment as illustrated below (and as indicated inside the compartment). When installed, replace the cover.

**WARNING****DO NOT USE RECHARGEABLE BATTERIES**



## 02.6 RADIO CHANNEL SETTINGS

To set the communication channel between the remote control and appliance control unit, at time necessary after replacing the batteries, turn off appliance power by turning the main switch to 0.

Next, simultaneously press remote control keys 1 and 2 to display the SELECT UNIT X message. Use Keys 1 and 2 to set the required channel (X = from 0 to 7). Next, turn the main switch to I and, after two seconds, press and hold down Key 3 for at least two seconds



Previously selected channel settings are confirmed by a beep and the message UNIT LOADED X.

If SEARCH FIELD is displayed on the remote control, an incorrect radio channel may have accidentally been entered.

In this case, you must search for the associated channel. Without turning device power off, simultaneously press keys 1 and 2 and set the various channels from 0 to 7 in sequence until the correct channel is found.

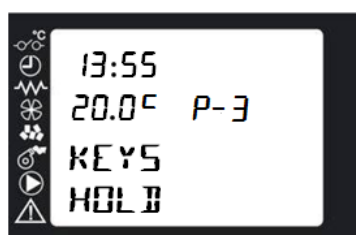


If the channel set in the electronic card does not match the one set on the remote control, the SEARCH FIELD message will remain on the display. If, however, the channel is correct, message UNIT LOADED X will be displayed.

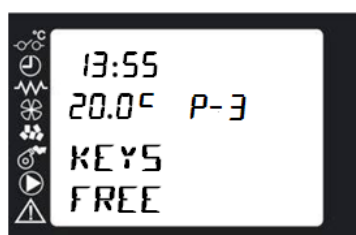
## 02.7 KEYBOARD LOCK

It is possible to lock purposely the keys of the remote controller from MENU 9 – TECHNIC SETTINGS.

In state of parameter enabled accordingly, the keyboard gets locked by typing quickly 7 then 3. The message KEYS HOLD is kept displayed on the screen, as no operation is possible by pressing any button.



To unlock the keyboard, repeat the sequence through the same keys 7 and 3; so the message KEYS FREE is displayed; you come then back to the main screen page and the keys of the remote controller resume to operate normally.



## 02.8 DISPLAY BACKLIGHT

The display backlight can be turned on by pressing Keys 1 and 7 in the initial screen simultaneously. The screen illustrated below will be displayed. Press Keys 1 or 2 to adjust backlight off delay time in seconds.



After setting the required value, press Key 3 to confirm and exit settings.

If DELAY OFF 0 factory settings are not changed, the screen will never be backlit while the maximum backlight on time is 9”.

Turning on the backlight reduces battery charge according to how long the remote control is used.

## CHAP.03 OPERATING MODE

### 03.1 APPLIANCE OPERATIONS

When the appliance is OFF, press and hold down Key **3** on the remote control for several seconds to turn it on. Next, the message ON will appear on the display indicating that the switch-on procedure has started made up of various phases defined in technical parameter settings set by a specialised Technical Service Center. After the normal switch-on time, the device normally reaches the WORK condition at the set output unless fume temperature reaches the minimum admitted value and the relevant alarm message is displayed. The WORK message informs the user that the stove is in "OPERATING MODE" i.e. it has reached the preset heating output level. The stove operating level is set using button 5 and increasing or decreasing the value displayed with keys 1 or 2. There are 5 heat output levels. The ambient temperature can be SET pressing button 4, then keys 1 and 2 to adjust the temperature to the desired value. The stove remains in operating mode; i.e. at the heat output level, until the set ambient temperature is exceeded by 0.5°C, a condition required to trigger the ECO function. To restart the heating mode, the ambient temperature must decrease to 1.0°C below the SET temperature.

The fan speed for the hot air exhausted through the grid depends on the output levels; the higher the output level, the faster the air will be pumped through the front grid.

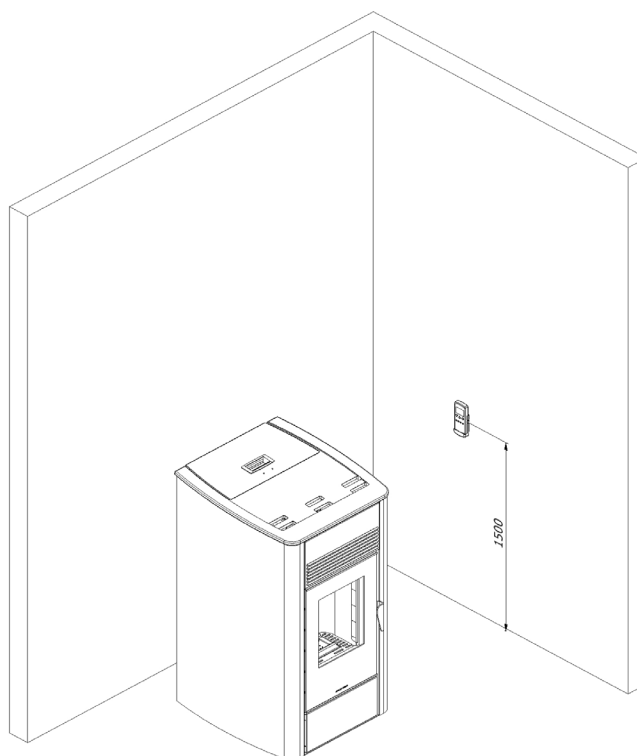
If STAND-BY mode is on, the device turns off after a period of time in economy mode or after this condition led to a certain increase in the reference temperature. The length of this period and the temperature increase can be set in MENU 5 – STAND BY.

In STAND-BY mode, the stove automatically turns back on when the reference temperature drops under the set value. To manually turn off the stove, simply press and hold down Key **3** for several seconds. Next, FINAL CLEANING is run.

### 03.2 REMOTE CONTROL USE AS A PROBE

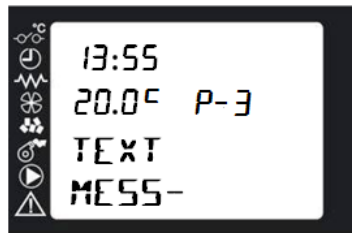
When the specific remote control wall mount is installed in the centre of the room, the remote can be used as a traditional thermostat, setting REMCONTR probe type in MENU 4.

According to the domestic structure the range of action of the remote control is about 7 metres.



### 03.3 MAIN STATUS MESSAGE MEANINGS

During normal operations, the radio control screen displays the time, room temperature, output level and a message that indicates device status when the message is displayed. An illustration of the main display screen appears below.



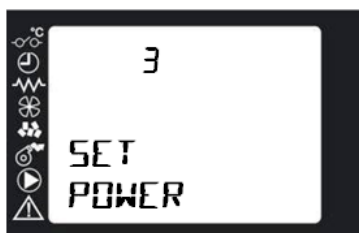
Principal messages that can appear on the remote control and their meanings are summarised in the following table:

MESS-TEXT	Description
OFF	Message displayed when the appliance is off. It can be switched on in manual mode, using a GPRS system or chronothermostat settings.
SMOKES INITIAL	Message displayed during the initial ventilation phase before ignition.
ON	Message displayed during the phases which involve pre-heating of the spark plug and pre-loading of the pellets.
WAIT FLAME	Message is displayed during the stand-by time before the pellets are ignited. The fumes temperature must reach a set value for the device to be considered ON.
FLAME ON	Message displayed when the device is on. This message remains on the screen for a short period of time while the flame stabilises and pellet ignition in the brazier is completed.
WORK	Message displayed during device operations in work mode, meaning until the temperature read by the room probe reaches the set value..
P0	The number indicated next to the letter P indicates the output level at which the device is running
BASKET CLEANING	Message displayed during the clean brazier automatic cycle that is run at regular intervals while the stove is running. A forced ventilation cycle of the fumes extractor removes any excess unburned materials from the brazier.
FINAL CLEANING	Message displayed during the shutdown phase.
EEO MODULAT--	Message displayed when the room temperature value is reached. The appliance automatically switches to economy mode.
OK STBY	The previous screen is alternated when, after a period of running in ECONOMY mode, the device enters STAND-BY and shutdown conditions are met.
OFF WRITING--	Message displayed when, during the start phase, the switch off button is pressed. Device shutdown during the switch-on phase is not permitted. Therefore, the command is saved and will be run at the end of the stabilisation phase.
COOLING WRITING--	Message displayed during the shutdown phase for STAND-BY mode
WAIT RESTART	Message displayed when, during the shutdown phase, the switch on button is pressed. Device start during the shutdown phase is not permitted. Therefore, the command is saved and run when the fume temperature drops under 80°C.
SERVICE ORDINARY	Every 100 hours of operation the message "Ordinary Service" will appear. With the stove off proceed with routine maintenance. Then press and hold the button 3 to reset the message.

### 03.4 MAIN SETTINGS

The dedicated buttons on the remote control (Buttons 5 and 4) provide directly access from the main window to the work output and environment temperature value settings.

#### Output settings



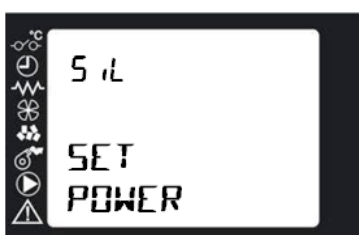
To change the operating output, press Key **5** on the main page to immediately open the screen where you can use Keys **1** and **2** to select from the five settable output settings. After selecting the required output level, press Key **3** to return to the main page.

#### Temperature settings



To change the required temperatures, press Key **4** on the main page to immediately open the relevant section. The set value can be changed using Keys **1** and **2**. After selecting the temperature level, press Key **3** to return to the main page.

#### Silent mode setting (if available)



When the Silent mode is activated, the product is set to work as silent as possible. To set the SILENT mode, press key **5** on the main page to immediately open the relevant section. Using keys **1** and **2**, set the mode. After selecting SIL, press key **3** to return to the main page.

## CHAP.04 USER MENU

### 04.1 FUNCTIONS

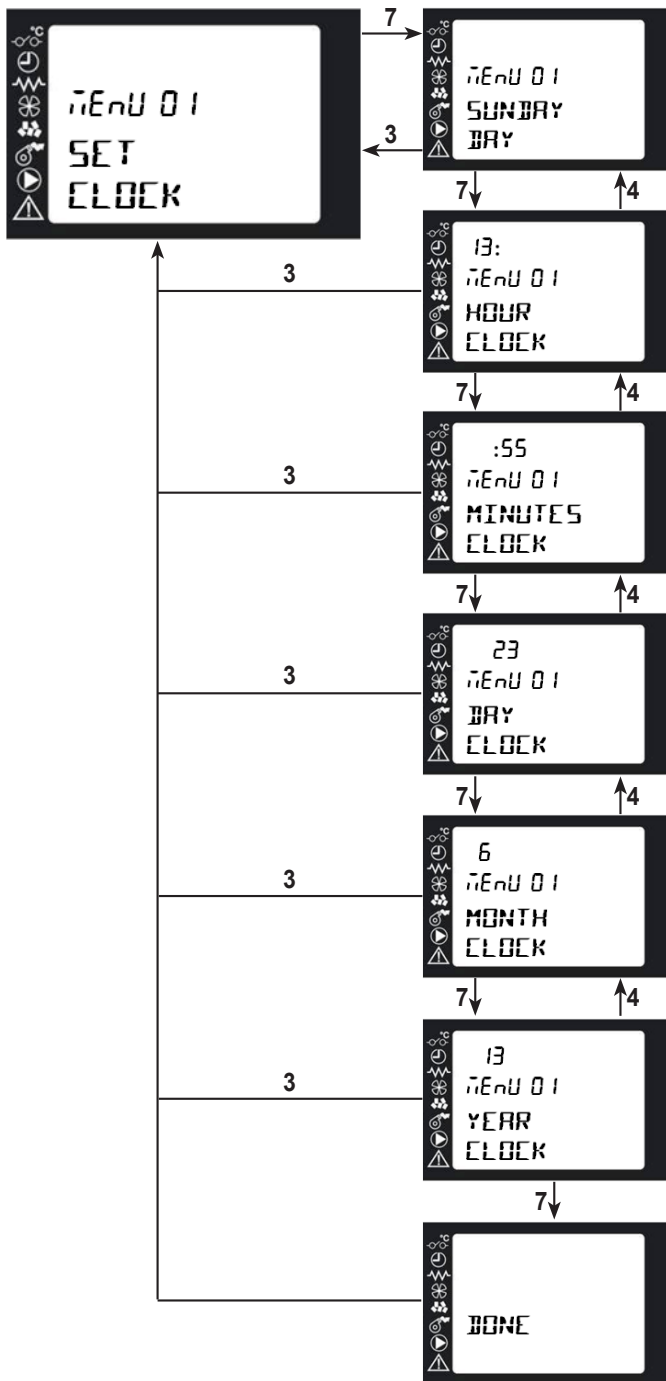
The display is divided into menus and sub-menus that can be scrolled using the radio control keys. In short, main menus and their functions are:

MENU	Description
1 - SET CLOCK	Lets you set the current date and time, required for correct chronothermostat operations
2 - SET CHRONO	Lets you turn the chronothermostat and its programs on or off.
3 - SET LANGUAGE	Lets you set the menu language
4 - SET PROBE	<p>Lets you set the type of probe to be used.</p> <ul style="list-style-type: none"> <li>Set THERMOSTAT probe type to use a thermostat to control the appliance. If a retail thermostat is used, the device must be used with clean contacts to the appliance. <b>WARNING:</b> using a retail thermostat it is not possible to change the device on and off settings, but only the thermal regulation settings. It must always be switched on and off via the Jolly-Mec Remote Control.</li> <li>Set PROBE type to use the probe installed on the stove or a remote same type of probe in another room. In the latter case, the probe installed on the stove must be disconnected from the electronic card (to be done by the specialised Technical Service Center).</li> <li>Set RADIO CONTROL probe type (factory settings) to use the remote control as a room probe.</li> </ul>
5 - SET STAND-BY	STAND-BY mode lets you turn off the appliance when room request, according to the set configuration, is met. In STAND-BY (display message) the appliance is awaiting room requests to restart a switch-on cycle. The delay time delays shutdown from the moment when the requests are met. If PROBE type was set in MENU 4, the appliance will only shutdown after running in ECONOMY mode for a period of time equal to DELAY OFF time after requests are met while if THERMOSTAT type is set, the appliance will run in ECONOMY mode for twice as long as the set DELAY OFF time.
6 - SET DISPLAY	Lets you set the user interface, and change the device buzzer settings.
7 - LOAD PELLETT	Lets you start manual pellet load. It can be used after the completely empty tank is filled with fuel, to fill load auger.
8 - STATE STOVE	Lets you view operating status in real-time.
9 - TECHNIC SETTINGS	This menu contains the appliance settings pages that only the specialised Technical Service Center can access using a specific password.
10 - SET ADJUST-	Lets you change pellet loading and fume exhaust settings.
11 - READ MEMORY	Lets you read some data stored in the control unit memory.
12 - SET CANALIZATION	Lets you manage the settings of the stove two air canalizations (if available).
13 - CHECK FLOW	This menu contains the Coaxial Control system settings (if available). Only a specialised Technical Service Center can accessed to it using a specific password.

04.2 STRUCTURE

To open the various menus, press Key 7 when the main page is displayed on the remote control. To scroll the various menu pages, use Keys 4 and 5.

MENU 1 - SET CLOCK



**Menu 01 DAY**

To select the current day of the week, use Keys 1 and 2 and press Key 7 to set the displayed value and move to the next page.

**Menu 01 HOUR CLOCK**

To set the hour, use Keys 1 and 2 and press Key 7 to set the displayed value and move to the next page.

**Menu 01 MINUTES CLOCK**

To set the minutes, use Keys 1 and 2 and press Key 7 to set the displayed value and move to the next page.

**Menu 01 DAY CLOCK**

To select the current day, use Keys 1 and 2 and press Key 7 to set the displayed value and move to the next page.

**Menu 01 MONTH CLOCK**

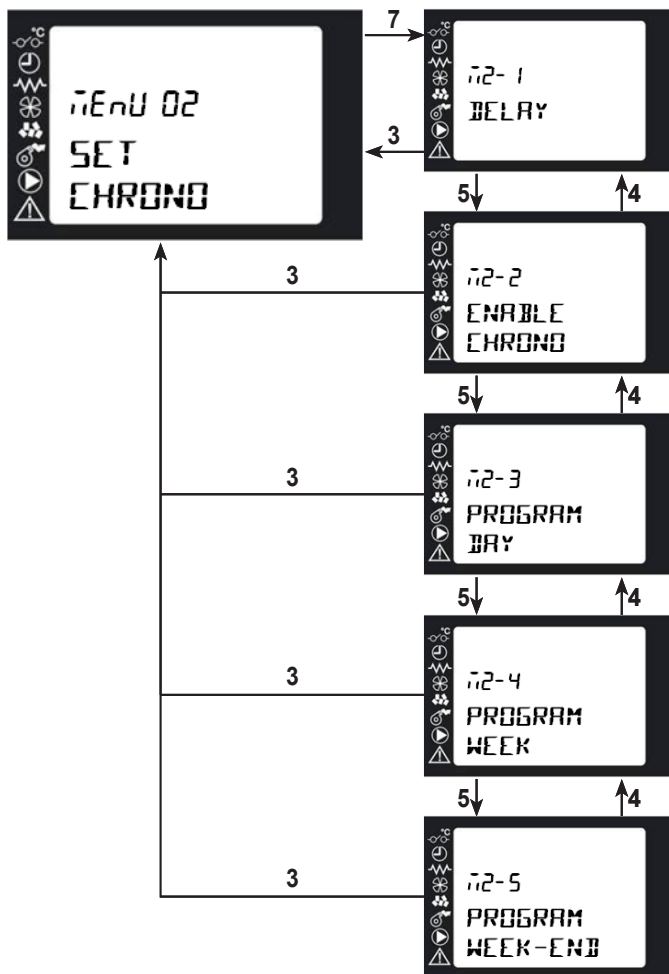
To select the current month, use Keys 1 and 2 and press Key 7 to set the displayed value and move to the next page.

**Menu 01 YEAR CLOCK**

To select the current year, use Keys 1 and 2 and press Key 7 to set the displayed value and move to the next page.

When finished, the message DONE will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.

**MENU 2 - SET CHRONO**



**M2-1 DELAY**

Lets you set a switch-on or shutdown delay time.

**M2-2 ENABLE CHRONO**

Lets you turn the chronothermostat function on or off.

**M2-3 PROGRAM DAY**

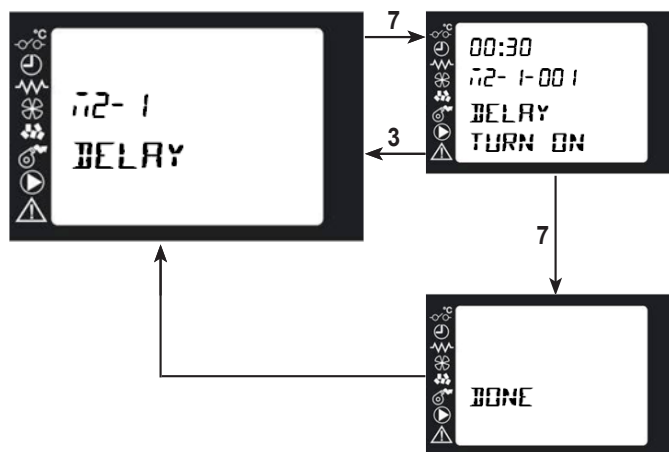
Lets you set two time ranges enabled every day of the week. It is possible to use just one of them.

**M2-4 PROGRAM WEEK**

Lets you set four time ranges that can be enabled as needed during the various days of the week. It is possible to only use the programmes that are needed.

**M2-5 PROGRAM WEEK-END**

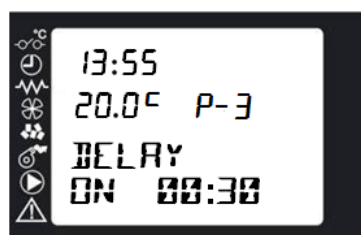
Lets you set two time ranges that can only be enabled on Saturday and Sunday.



**M2-1-001 DELAY turn on**

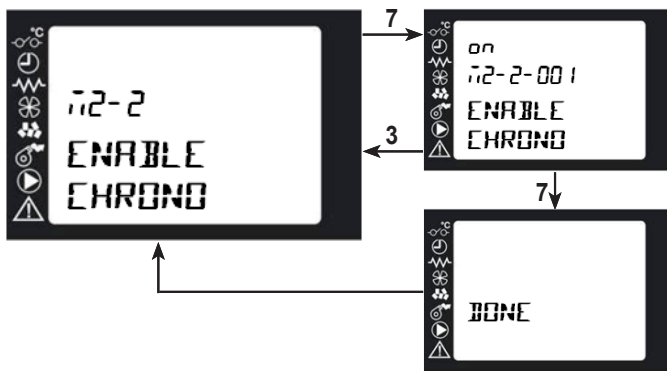
Use Keys 1 and 2 to adjust the delay time. When the appliance is OFF, set DELAY TURN ON for deferred appliance start or, with the appliance in WORK, set DELAY TURN OFF to program shutdown. The function is disabled when set to 00:00. Once the required delay is set, press Key 7 to confirm the selection and open the next page.

When finished, the message DONE will be displayed to confirm correct data entry. Next, the next level page automatically opens.



With DELAY TURN ON (or OFF) set, the main screen displays the time countdown until the set switch-on (or shutdown). The countdown is not continuous but is refreshed when any radio control key is pressed. The appliance can be switched on (or shutdown) at any time even in this situation by using the normal procedure.

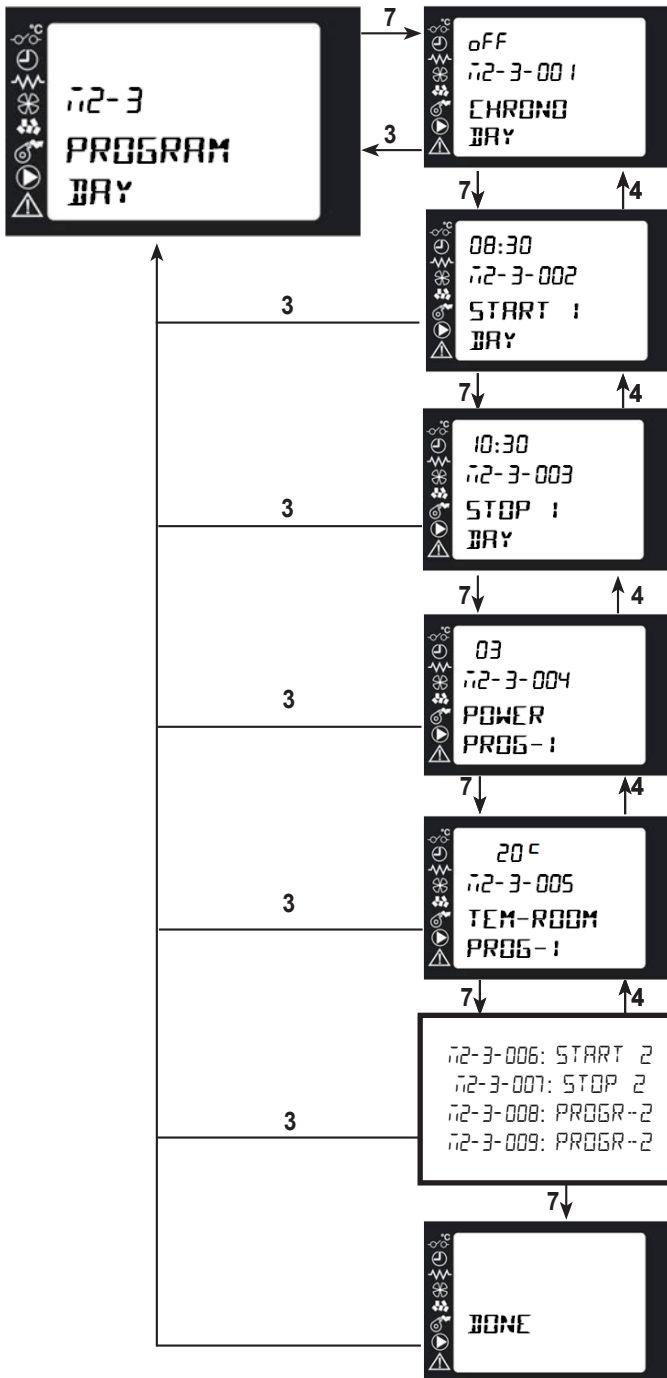




**M2-2-001 ENABLE CHRONO**

Use Keys 1 and 2 to select to enable or disable the chronothermostat function and press Key 7 to confirm the selection and move to the next page. This function can be directly opened by pressing Key 6 on the main page.

When finished, the message DONE will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.



**M2-3-001 CHRONO DAY**

Use Keys 1 and 2 to select to enable or disable the CHRONO DAY function and press Key 7 to confirm the selection and move to the next page.

**M2-3-002 START 1 DAY**

Use Keys 1 and 2 to set the start time for the first operating time range permitted by the function and press Key 7 to confirm the selection and move to the next page. Set OFF to disable the time range.

**M2-3-003 STOP 1 DAY**

Use Keys 1 and 2 to set the end time for the first operating time range permitted by the function and press Key 7 to confirm the selection and move to the next page.

**M2-3-004 POWER PROG- 1**

Use keys 1 and 2 to set the time range output and then press key 7 to confirm the selection and move to the next page.

**M2-3-005 TEM-ROOM PROG- 1**

Use Keys 1 and 2 to set the room temperature value to be reached in the first time range and then press Key 7 to confirm the selection and move to the next page\*.

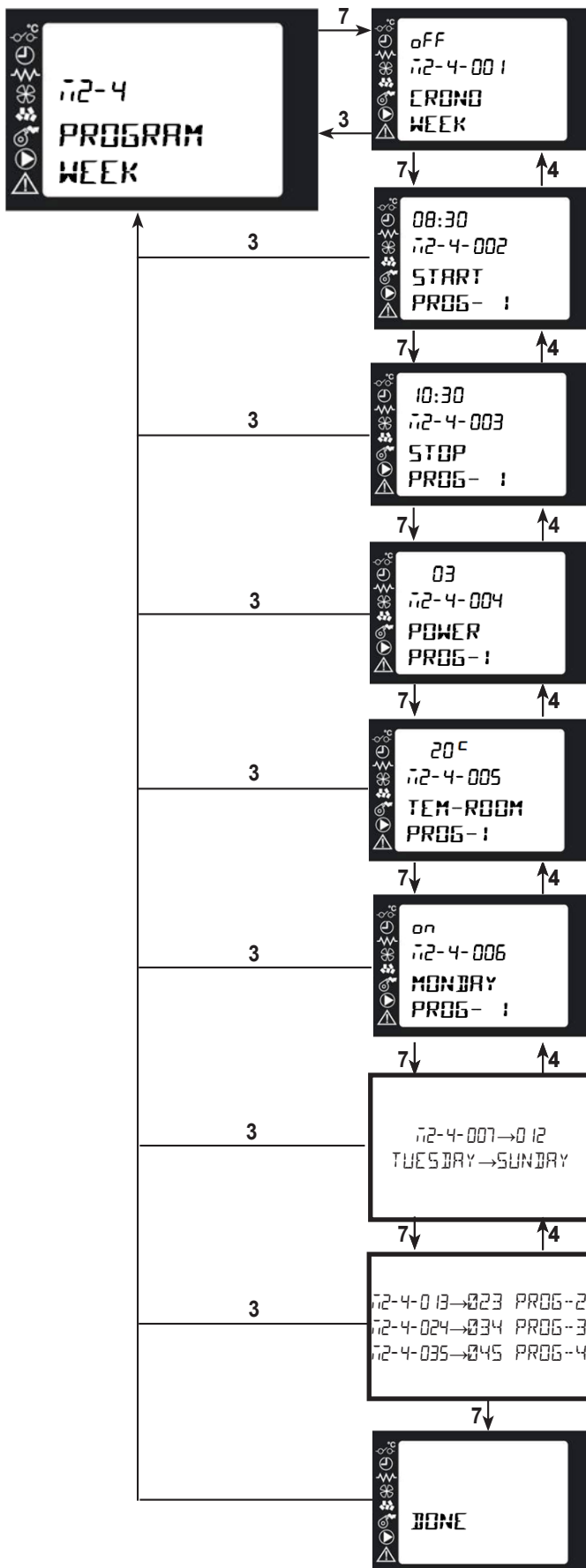
The next three screens, similar to the previous three, let you set the same parameters for the second operating time range permitted by the function.

When finished, the message DONE will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.

**NOTE**

\* The room set value is not considered if TERM was set as the room probe in MENU 4.





**M2-4-001 CRONO WEEK**

Use Keys 1 and 2 to select to enable or disable the CHRONO WEEK function and press Key 7 to confirm the selection and move to the next page.

**M2-4-002 START PROG- 1**

Use Keys 1 and 2 to set the start time for the first operating time range permitted by the function and press Key 7 to confirm the selection and move to the next page.

**M2-4-003 STOP PROG- 1**

Use Keys 1 and 2 to set the end time for the first operating time range permitted by the function and press Key 7 to confirm the selection and move to the next page.

**M2-4-004 POWER PROG- 1**

Use keys 1 and 2 to set the time range output and then press key 7 to confirm the selection and move to the next page.

**M2-4-004 TEM-ROOM PROG- 1**

Use Keys 1 and 2 to set the room temperature value to be reached in the first time range and then press Key 7 to confirm the selection and move to the next page\*.

**M2-4-005 MONDAY PROG-1**

Use Keys 1 and 2 to select to enable or disable the program created for the displayed day and press Key 7 to confirm and move on to programming the following days of the week.

The following screens let you make the same selections for the following days of the week.

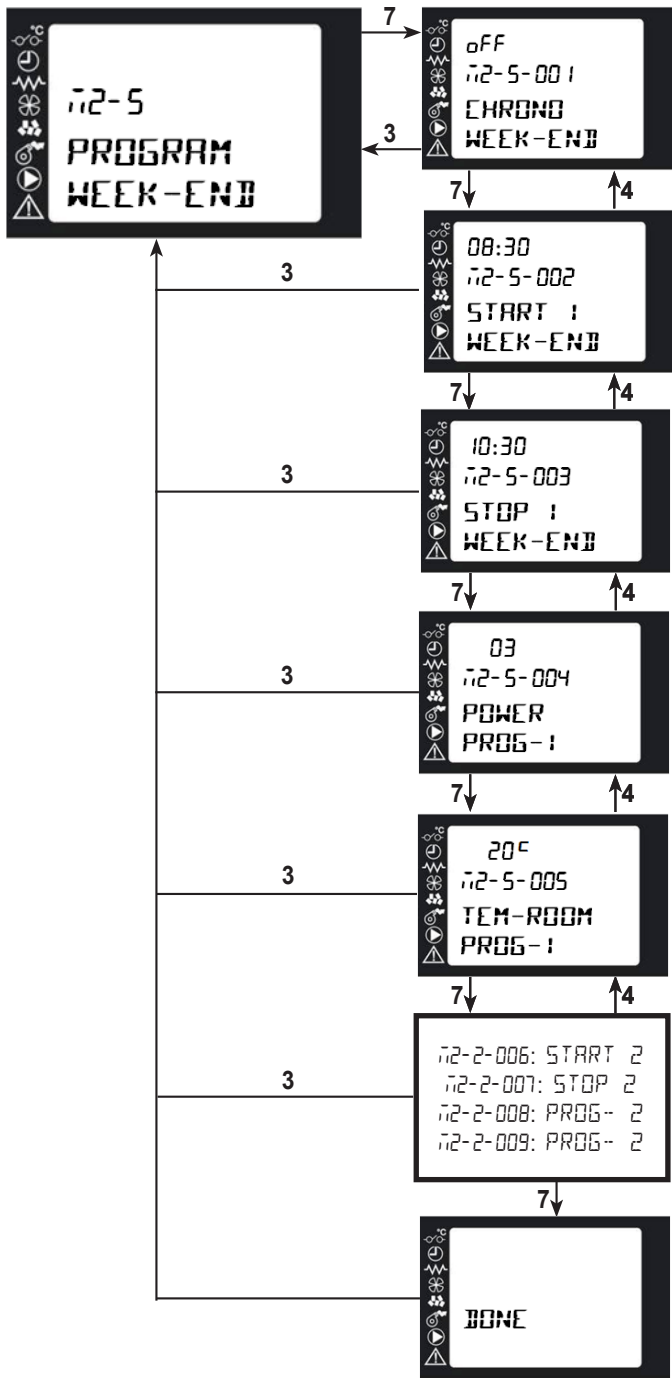
Continuing through the menu you can set, with a similar sequence, the other three programmable time ranges.

When finished, the message DONE will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.

**NOTE**

\*The room set value is not considered if TERM was set as the room probe in MENU 4.





**M02-05-001 CHRONO WEEK-END**

Use Keys 1 and 2 to select or enable or disable the CHRONO WEEK-END function and press Key 7 to confirm the selection and move to the next page.

**M02-05-002 START 1 WEEK-END**

Use Keys 1 and 2 to set the start time for the first operating time range permitted by the function and press Key 7 to confirm the selection and move to the next page.

**M02-05-003 STOP 1 WEEK-END**

Use Keys 1 and 2 to set the end time for the first operating time range permitted by the function and press Key 7 to confirm the selection and move to the next page.

**M2-5-004 POWER PROG- 1**

Use keys 1 and 2 to set the time range output and then press key 7 to confirm the selection and move to the next page.

**M02-05-005 TEM-ROOM PROG- 1**

Use Keys 1 and 2 to set the room temperature value to be reached in the first time range and then press Key 7 to confirm the selection and move to the next page\*.

The next three screens, similar to the previous three, let you set the same parameters for the second operating time range permitted by the function.

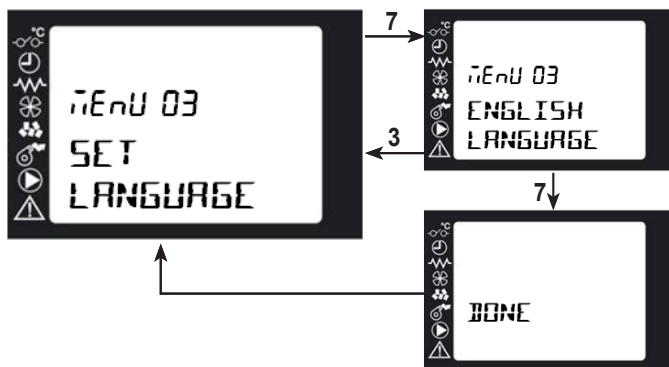
When finished, the message DONE will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.

**NOTE**

\*The room set value is not considered if TERM was set as the room probe in MENU 4.



**MENU 3 - SET LANGUAGE**

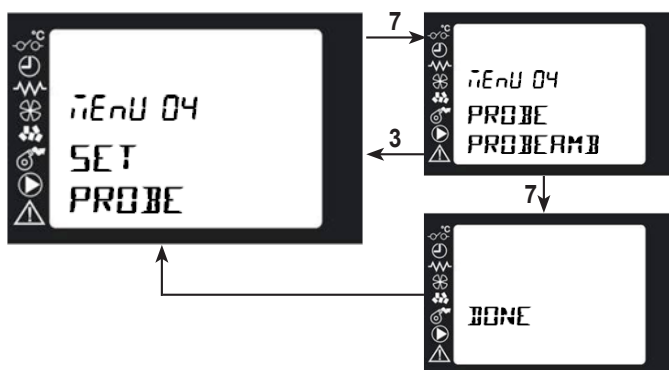


**Menu 03 LANGUAGE**

Use Keys **1** and **2** to select the required language from the four available European languages (ITALIAN, ENGLISH, GERMAN and FRENCH) and press Key **7** to confirm.

When finished, the message **DONE** will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.

**MENU 4 - SET PROBE**

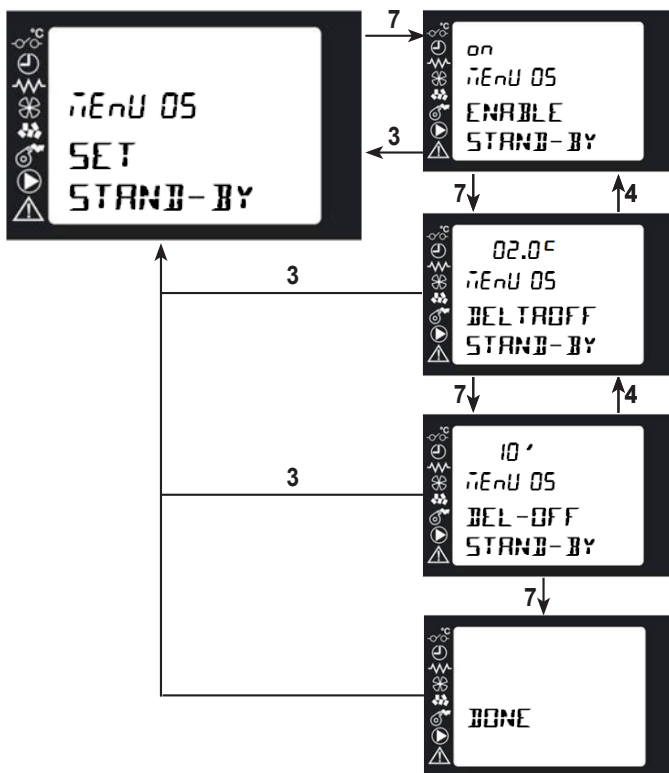


**Menu 04 PROBEAMB**

Use Keys **1** and **2** to select the required probe type from those available (PROBE, TERM and REMCONTR) and press Key **7** to confirm.

When finished, the message **DONE** will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.

**MENU 5 - SET STAND-BY**



**Menu 05 ENABLE STAND-BY**

Use Keys **1** and **2** to enable stand-by and press Key **7** to confirm and move to the next page.

**Menu 05 DELTAOFF STAND-BY**

Use Keys **1** and **2** to set the temperature delta between the actual and set room and stove water temperatures that must be reached to permit shutdown. Next press Key **7** to confirm.

Min. 0,0°C, Max. 15,0°C, Recommended 2,0°C

**Menu 05 DEL-OFF STAND-BY**

Use Keys **1** and **2** to set shutdown delay time and press key **7** to confirm.

Min. 3 min, Max. 120 min. Recommended 10 min

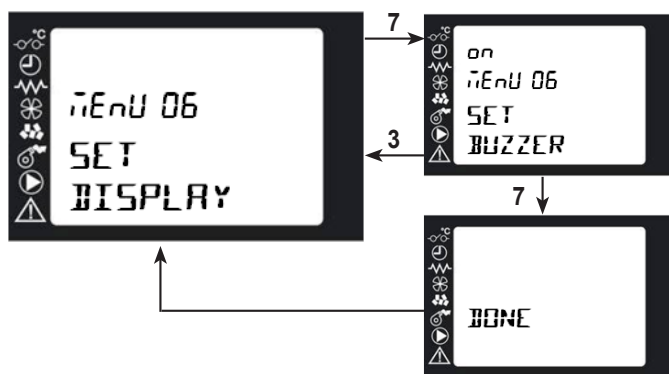
When finished, the message **DONE** will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.

**NOTE**



We do not recommend you enable **STAND-BY** mode when the appliance is repeatedly turned on and off during the day. More than six daily start-ups for an air and pellet product can be rather costly due to the consumption of electricity and the start and stop times required by the product to operate safely.

## MENU 6 - SET DISPLAY

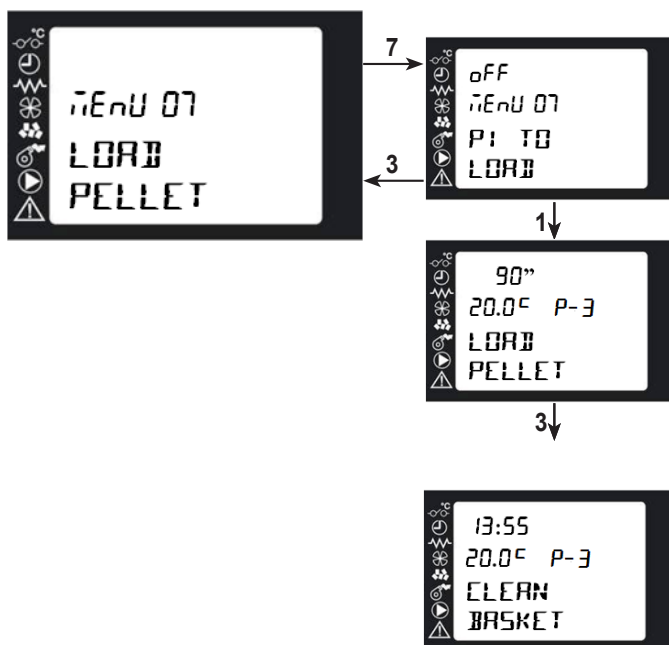


### Menu 06 SET BUZZER

Use keys 1 and 2 to mute the buzzer each time the remote control buttons are pressed, then press key 7 to confirm and move to the next page. The acoustic warning signal on the buzzer remains enabled for alarm signals.

When finished, the message DONE will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.

## MENU 7 - LOAD PELLETS



### Menu 07 P1 TO LOAD

Press Key 1 to confirm pellet load start.

Maximum load time is 90 seconds. This operation can be interrupted by pressing Key 3.

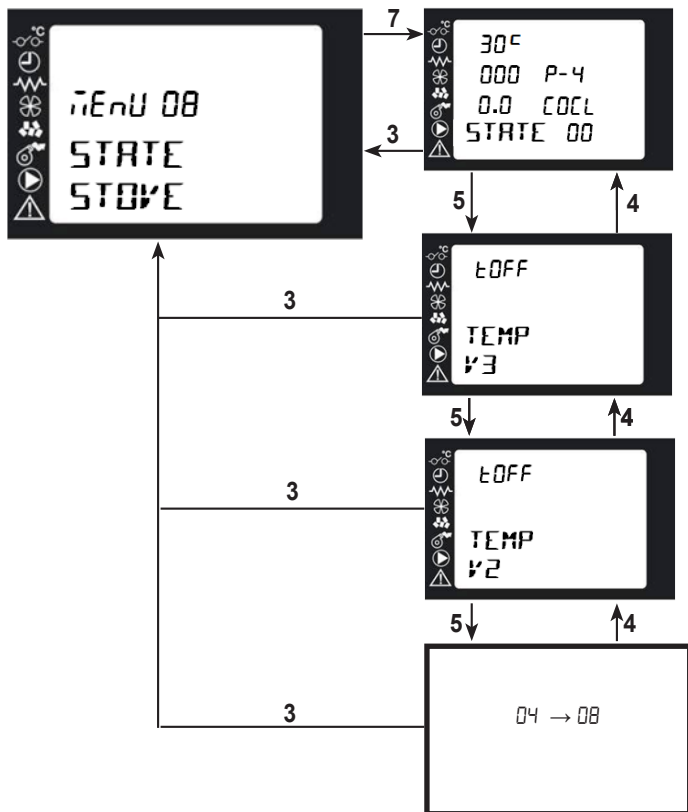
When finished loading, message CLEAN BASKET appears on the main screen to remind the user to clean the brazier before re-igniting the stove. Press Key 3 to cancel the message and return to the main screen where message OFF is displayed.

### WARNING



The pellet loader must be used when the auger is empty, after a NO PELLETS alarm, or after maintenance or cleaning of the container.  
After completing the Load Pellet sequence in Menu 7, the firebox must be emptied, i.e. the stove must be started up with a clean firebox.  
**THE BRAZIER MUST BE FULLY EMPTY EACH TIME THE STOVE IS TURNED ON.**  
NEVER empty the cleaning pellets from the firebox into the pellet tank.

**MENU 8 - STATE STOVE**



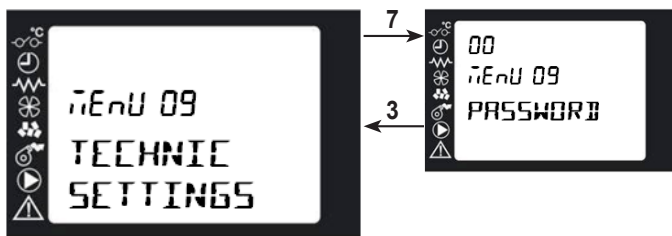
**M8-001**  
This page displays the fumes temperature, the fume fan speed, the work output, the load pellet time and the phase in progress

**M8-002**  
Display of the left ducting operating room temperature (for models with these settings)

**M8-003**  
Display of the right ducting operating room temperature (for models with these settings)

Information for the assistance technician are provided from page 4 to page 8. Press Button 5 to go to page 8. Press Button 3 to go back a level.

**MENU 09 - TECHNIC SETTINGS**



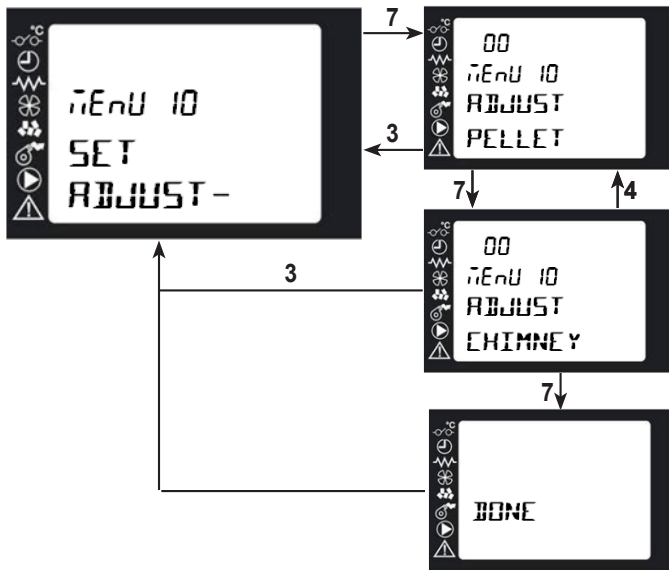
Password protected Menu reserved to the specialised Technical Service Center.

**NOTE**



The service technician can update all appliance functional settings in MENU 9 - TECHNIC SETTINGS. Each intervention of this type resets factory settings with the consequent loss of all user settings.

MENU 10 - SET ADJUST-



**Menu 10 ADJUST PELLET**

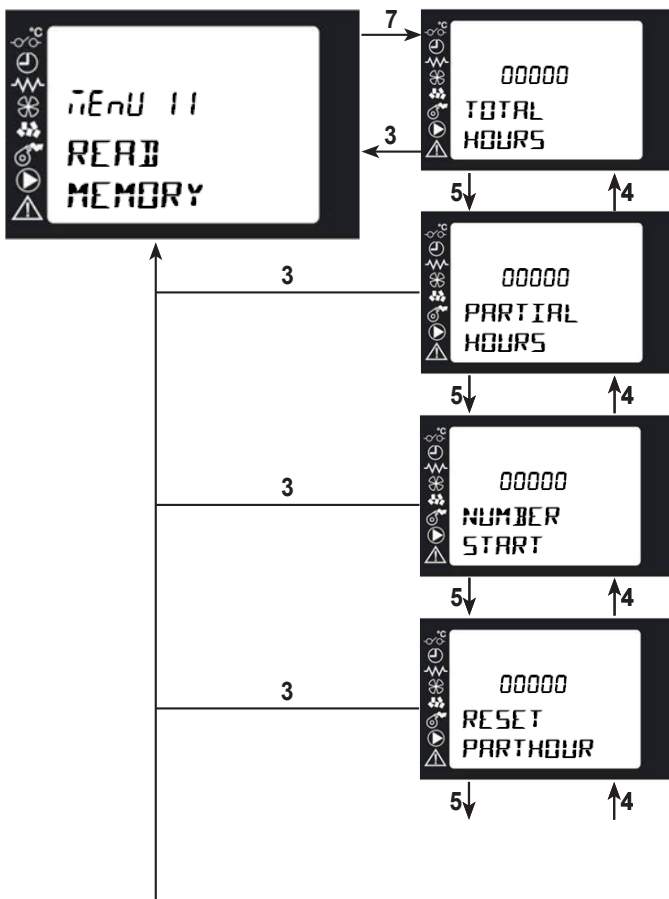
Use Keys 1 and 2 to adjust the quantity of pellets between -09 and 09 corresponding to  $\pm 3\%$  each unit and press Key 7 to confirm and move to the next page.

**Menu 10 ADJUST CHIMNEY**

Use Keys 1 and 2 to adjust fume exhaust speed between -09 and 09 corresponding to  $\pm 3\%$  each unit and press Key 7 to confirm and move to the next page.

When finished, the message DONE will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.

MENU 11 - READ MEMORY



**Menu 11 TOTAL HOURS**

Total operating hours are displayed in this page.

**Menu 11 PARTIAL HOURS**

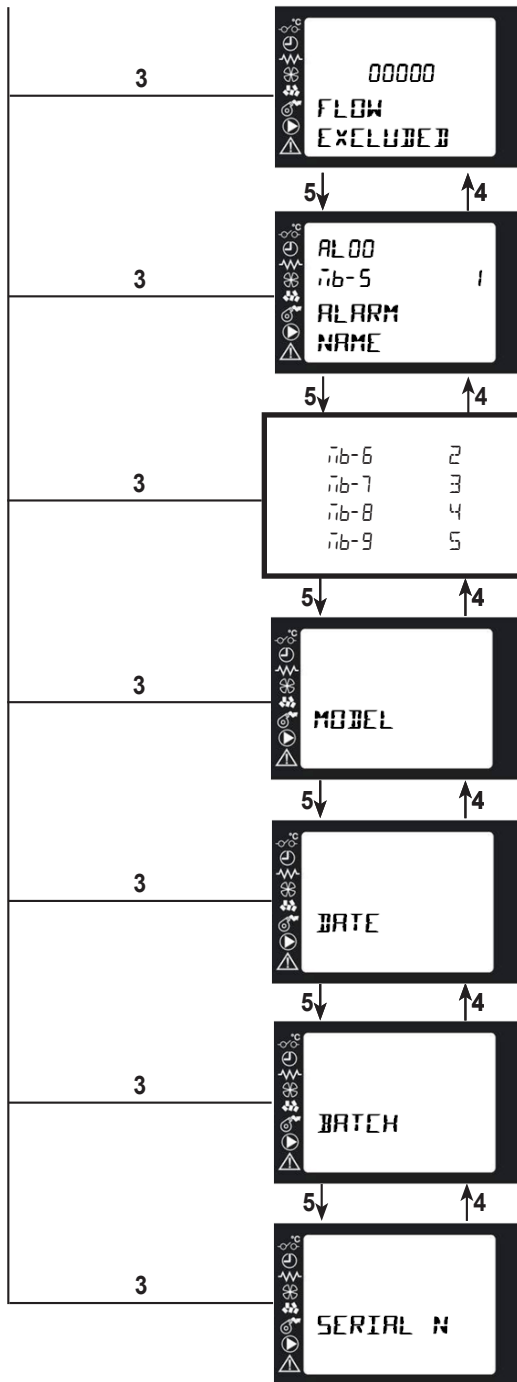
Partial operating hours are displayed in this page. Press button 5 to display all the operating hours at all output level.

**Menu 11 NUMBER START**

The number of starts is displayed in this page.

**Menu 11 RESET PARTHOUR**

The number of partial hour resets is displayed in this page.



**Menu 11 - FLOW EXCLUDED**

The number of exclusions of Coaxial Control system are displayed in this page (if available)

**Menu 11 - ALARMS MEMORY**

These pages display the alarms that have been triggered.

Each alarm page displays the alarm code and text.

Press button 5 to move from one alarm page to the other four.

**Menu 11 MODEL**

The product name is displayed in this page

**Menu 11 DATE**

The device production date is displayed in this page.

**Menu 11 BATCH**

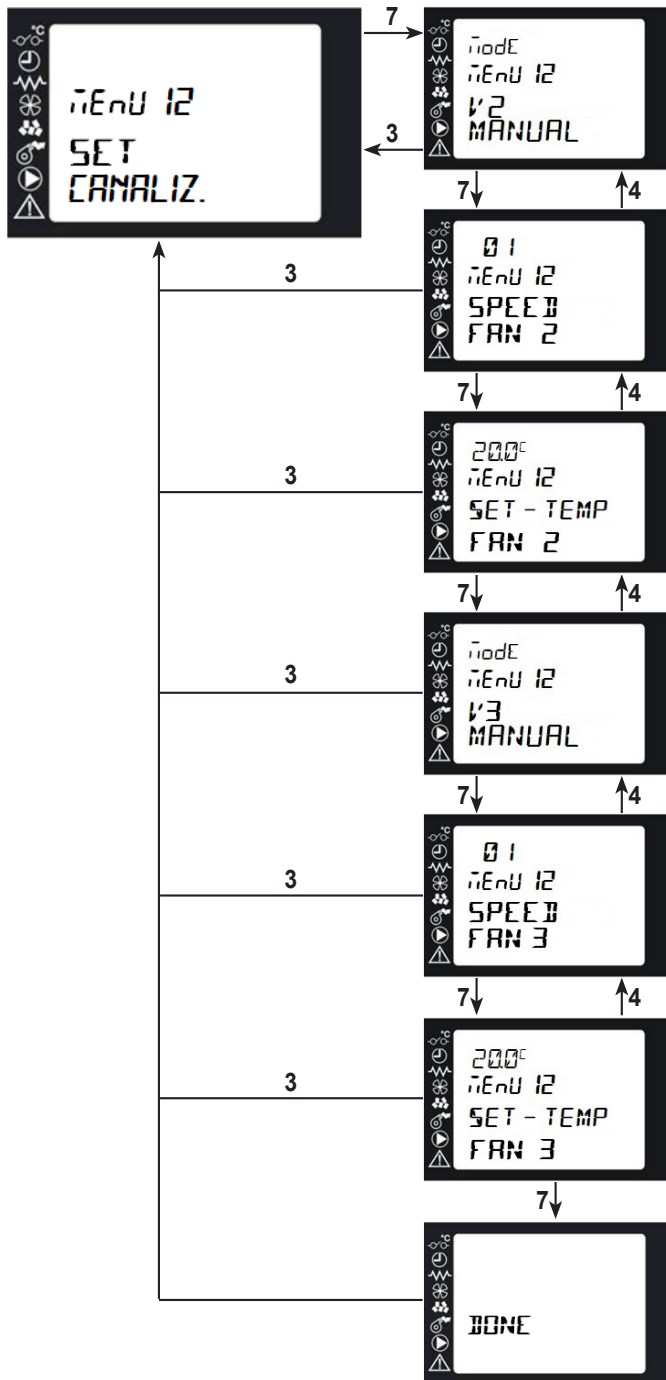
The product lot number is displayed in this page.

**Menu 11 SERIAL N**

The product serial number is displayed in this page.



## MENU 12 - SET CANALIZATION



### MENU 12 - MODE V2

Press keys 1 and 2 to choose the operation type of canalisation V2 (semi-automatic, automatic, manual). Press key 7 to confirm and move to the next parameter setting.

### MENU 12 - SPEED FAN 2

Press keys 1 and 2 to choose the speed of fan V2 (in case of manual functioning only). Press key 7 to confirm and move to the next parameter setting.

### MENU 12 - SET-TEMP FAN 2

Press keys 1 and 2 to choose the value of the temperature you want to reach in canalisation V2 room. Press key 7 to confirm the selection and to move to the next page.

### MENU 12 - MODE V3

Press keys 1 and 2 to choose the operation type of canalisation V3 (semi-automatic, automatic, manual). Press key 7 to confirm and move to the next parameter setting.

### MENU 12 - SPEED FAN 3

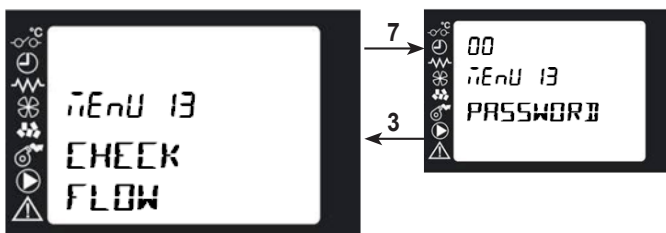
Press keys 1 and 2 to choose the speed of fan V3 (in case of manual functioning only). Press key 7 to confirm and move to the next parameter setting.

### MENU 12 - SET-TEMP FAN 3

Press keys 1 and 2 to choose the value of the temperature you want to reach in canalisation V3 room. Press key 7 to confirm the selection and to move to the next page.

When finished, the message DONE will be displayed to confirm correct data entry. Next, the level page automatically returns to the Menu Page.

## MENU 13 - CHECK FLOW (se available)



Password protected Menu reserved to the specialised Technical Service Center.

## CHAP.05 FAULT DIAGNOSIS AND TROUBLESHOOTING

### 05.1 ALARM MESSAGES

Following is an overview on appliance alarms linked to the probable causes and some potential solutions. **If an alarm occurs with a certain frequency, contact the specialised Technical Service Center.** Alarm alert screens appear as illustrated below:



Alarm code	Alarm test	Alarm cause	Main solution
AL01	BLACK OUT	<ul style="list-style-type: none"> <li>Electrical black out while the stove is running</li> </ul>	<ul style="list-style-type: none"> <li>Check that the power cord is connected properly to both the mains socket and the stove socket</li> <li>Check that the connectors are well connected to the electronic circuit board terminal board (test this with the power cord disconnected).</li> <li>Check the fuses are OK (do this test with the power cord disconnected)</li> </ul>
AL02	EXHAUST PROBE	<ul style="list-style-type: none"> <li>The temperature measured and visible on the display is over 300°C .</li> </ul>	<ul style="list-style-type: none"> <li>Check that the probe is connected to the electronic circuit board correctly. RED wire to terminal +, blue wire to terminal -</li> <li>Check that the thermocouple wires are intact, and there are no continuity interruptions</li> </ul>
AL03	HOT EXHAUST	<ul style="list-style-type: none"> <li>The fumes temperature is over 270°C</li> </ul>	<ul style="list-style-type: none"> <li>Check the position of the fumes probe</li> <li>Check to see if the air exchange fan is running properly</li> <li>Check to see if the stove is dirty, and clean it if necessary</li> <li>Check to see if the PELLETS load settings are correct</li> </ul>
AL04	FAN FAILURE	<ul style="list-style-type: none"> <li>The control unit does not detect the correct number of fumes extractor rpm</li> </ul>	<ul style="list-style-type: none"> <li>Check that all the electrical connections are in order</li> <li>Check to see if the combustion fan is very dirty</li> <li>Check to see if a foreign body has accidentally been caught up in the fan or the external motor</li> </ul>
AL05	NO LIGHTIN--	<ul style="list-style-type: none"> <li>The START-UP DELTA setting has not been reached within the maximum startup time</li> </ul>	<ul style="list-style-type: none"> <li>Check the efficiency of the electrical element</li> <li>Check that the element guide tube is clean</li> <li>Always check that the firebox is perfectly clean before the start-up phase</li> <li>Before restarting the stove, it is necessary to empty the firebox, that is restarting the stove with a clean firebox</li> <li>Check the PELLETS preloading quality. The level must be slightly above the electrical element hole during the preloading phase.</li> <li>Check that the PELLETS load and fumes extractor fan speed settings are correct.</li> <li>Check the PELLETS load level in the hopper.</li> </ul>

Alarm code	Alarm test	Alarm cause	Main solution
AL06	NO PELLET	<ul style="list-style-type: none"> <li>The temperature falls below the OPERATING THRESHOLD setting whilst the stove is running.</li> </ul>	<ul style="list-style-type: none"> <li>Check that the level of PELLETS inside the hopper is sufficient</li> <li>Check the PELLET load times are set correctly</li> <li>Check the OPERATING THRESHOLD setting</li> <li>It may be necessary to load the pellets again from Menu 07 before restarting the stove. The complete emptying of the hopper usually involves the emptying of the load auger too; this will lead to a start-up with insufficient pellets and trigger a NO LIGHTIN- alarm. After completing the Load Pellet sequence in Menu 7, the firebox must be emptied, i.e. the stove must be started up with a clean firebox.</li> </ul>
AL07	SAFETY THERMAL	<ul style="list-style-type: none"> <li>Tripped thermal safety switch.</li> </ul>	<ul style="list-style-type: none"> <li>Check that the exchange fan is working properly</li> <li>Check to see if the stove is dirty, and clean it if necessary</li> <li>Check the value of the load PELLET settings</li> <li>Check that the safety thermostat and relative electrical connections are all intact</li> </ul>
AL08	FAILURE DEPRESS	<ul style="list-style-type: none"> <li>Tripped safety depressimeter.</li> </ul>	<ul style="list-style-type: none"> <li>Check to see if the combustion product exhaust duct is blocked.</li> <li>Check the component is intact and the relative electrical connections correspond to the electrical wiring layout</li> <li>The silicon pipe is not connected to connector H.</li> </ul>
AL09	DRAFT MIN	<ul style="list-style-type: none"> <li>The comburent air flow is not within the set range.</li> </ul>	<ul style="list-style-type: none"> <li>Check that the comburent air inlet is open and not partially clogged .</li> <li>Check that the chimney pot or the entire flue are not dirty and this will reduce the fume flow considerably.</li> <li>Check the heat exchanger and Fire Flector deflector are clean (top part of the combustion chamber).</li> <li>Check that the stove combustion chamber door is firmly closed.</li> <li>Make sure that the holes of the pellet burning pot are not clogged.</li> </ul>
AL11	TRIP AUGER	<ul style="list-style-type: none"> <li>The pellet loader gear motor is continuously enabled.</li> </ul>	<ul style="list-style-type: none"> <li>After the stove is switched off, wait for its complete cooling, then turn it on again; it may be necessary to replace the motherboard or the gear motor.</li> </ul>
AL12	ENCODER AUGER	<ul style="list-style-type: none"> <li>The control unit does not detect the correct number of revolutions of the gear motor.</li> </ul>	<ul style="list-style-type: none"> <li><b>Contact the specialised Technical Service Center.</b></li> </ul>
AL13	FLAME ANOMAL --	<ul style="list-style-type: none"> <li>During the stabilisation phase (Flame present) the fumes temperature does not exceed the Pr18 FLAME DELTA</li> </ul>	<ul style="list-style-type: none"> <li>Check the pellet load and fume exhaust fan values, they may be incorrect and not keep the flame burning after start up.</li> </ul>
AL14	SAFETY PELLET	<ul style="list-style-type: none"> <li>Tripped pellet safety probe, if installed.</li> </ul>	<ul style="list-style-type: none"> <li>Check the pellet load values, they may be excessive and cause overheating inside the stove cladding.</li> <li>Check the heat exchange fan is working properly, otherwise it can cause overheating inside the stove cladding.</li> <li>Check that the installation room is well ventilated.</li> <li>Check that the slots on the back of the stove are clean to allow input of cooling air.</li> </ul>

Alarm code	Alarm test	Alarm cause	Main solution
AL15	SAFETY BOARD	<ul style="list-style-type: none"> <li>The motherboard temperature is over 60°C, non-modifiable value.</li> </ul>	<ul style="list-style-type: none"> <li>Check the pellet load values, they may be excessive and cause overheating inside the stove cladding.</li> <li>Check the heat exchange fan is working properly, otherwise it can cause overheating inside the stove cladding.</li> <li>Check that the installation room is well ventilated.</li> <li>Check that the slots on the back of the stove are clean to allow input of cooling air.</li> </ul>
AL16	SERVICE 24H	<ul style="list-style-type: none"> <li>The device continuously remained on for over 24 hours.</li> </ul>	<ul style="list-style-type: none"> <li>Thoroughly clean all the parts, firebox, ash pan, exchanger, glass, firebox holder and then turn the device back on.</li> </ul>
AL17	RMB PROBE	<ul style="list-style-type: none"> <li>If PROBE is set as room probe, the measured value is not correct read.</li> </ul>	<ul style="list-style-type: none"> <li>Check probe wiring. If correct, replace the probe.</li> </ul>
AL18	PELLET LEVEL	<ul style="list-style-type: none"> <li>If the level sensor is installed on the model, it signals that the pellet level in the container is lower than the sensor.</li> </ul>	<ul style="list-style-type: none"> <li>Fill the container with fuel.</li> </ul>

Each safety alarm shuts down the stove. However, not all alarms indicate actual danger must are just warnings or alerts. To resume normal operating conditions, press Key **3** ESC and wait until the FINAL CLEANING procedure terminates and the message OFF disappears from the screen.

Fix the problem that generated the alarm before turning the stove back on.

#### WARNING



By-passing or ignoring alarms and continuing to use the product could damage people and/or property for which the manufacturer cannot be held liable.  
All alarms are saved and logged. Continuous product use in incorrect conditions could null and void the warranty.

## 05.2 TECHNICAL SPECIFICATIONS

The device is constructed according to the following regulations:

- **CEI EN 55011** Industrial, scientific and medical radio frequency devices (ISM). Radio interference characteristics. Limits and measurement methods
- **CEI EN 61000-3-2** Electromagnetic compatibility (Part 3 Section – 2, Part 4 Sections -2, -4, -5, -6, -8, -9, -11, -29)

Some device specifications are listed below

Description	Value	UM
Operating room temperature	0 ÷ +60	°C
Storage temperature	-10 ÷ +60	°C
Maximum relative humidity (without condensation)	95	%
Dimensions (HxLxS)	140x65x17	mm
Weight	99	g
Material	ABS	
Protection rating	ABS IP 21	
Radio frequency band	433	MHz
Power Supply	3 AAA alkaline batteries	







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