TOUCH SCREEN DISPLAY

USER MANUAL

To be kept by the purchaser

Display Touch screen for Foghet Evo Aria
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.
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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 manufacturer from all liability.

• Use only original spare parts recommended by the manufacturer. Original spare parts are available through retailers, specialised Technical 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 DISPLAY DESCRIPTION

The display command lets you communicate with the control unit. The display allows you to view the main system parameters, set the desired operating parameters, set the start-up and switch off times and view any malfunction alarms. The figure below represents a simplified view of the control display.

02.2 KEY FUNCTIONS

<table>
<thead>
<tr>
<th>Key</th>
<th>Description</th>
<th>Action</th>
</tr>
</thead>
</table>
| MENU KEY           | • Press and release the key on the main screen to enter the Rapid Menu programming area.  
                      • Press and hold (3 seconds) the key on the main screen to enter the General Menu area. |                                                                                               |
| ON-OFF KEY         | • The device is switched on or off from the main screen.                     |                                                                                               |
| ESC KEY            | • In the Rapid Menu, press and release to return to the list of settings, press and hold (3 seconds) to return to the main screen.  
                      • In the General Menu, press and release to go to the next page in the Menu, press and hold (3 seconds) to return to the main screen. |                                                                                               |
| SETTINGS KEY       | • Decreases the value of the selected settings.                              |                                                                                               |
| SETTINGS KEY       | • Increases the value of the selected settings.                              |                                                                                               |
| ENTER KEY          | • In the Rapid Menu press to move forwards in the settings list.             | • In the General Menu press to modify changeable settings and allows you to move forward in the settings list. |
| SCROLL KEY         | • In the General Menu press to move forward and search for the setting to modify. |                                                                                               |
| SCROLL KEY         | • In the General Menu press to move forward and search for the setting to modify. |                                                                                               |
| ACKNOWLEDGEMENT KEY| • In the tripped alarm display screen press to reset the alarm.               |                                                                                               |
| OK KEY             | • Press to confirm the operation displayed in the message area.              |                                                                                               |
| PADLOCK KEY        | • When the value of the Pr117 setting is ON, on the main screen in the ESC key area, the PADLOCK key blocks the MENU key, allowing switch on, switch off or reset alarm procedures only. Press and hold in ESC key area to enable the MENU button. |                                                                                               |
CHAP.03 OPERATING MODE

03.1 APPLIANCE OPERATIONS

When the device is OFF, it is possible to start-up the device in PELLET mode or WOOD mode.

To select the fuel mode, press and release the MENU key to enter the rapid menu, and scroll using the ENTER-ESC keys as far as the FUEL setting, using the +/- keys to select the desired fuel mode. Then press and hold the ESC key to return the main screen.

If PELLET is selected, press the ON/OFF key to start the automatic switch-on procedure that foresees various phases before the device produces flames and reaches ON status.

In normal operating conditions, the combustion output can be set to five different levels in manual mode, or in automatic mode where the output is regulated according to the Eco status and Max output condition depending on the room temperature. The room temperature value can be set in the Rapid Menu, with a minimum value of 7°C up to 40°C.

Once the room temperature has been reached, the combustion output switches to ECO status and a firebox cleaning cycle is performed at preset intervals during operations. If the stand-by function is enabled, after reaching room temperature, and after a delay time in Eco status, the device will automatic switch-off (STAND-BY) and then switch-on again if there is a room probe demand.

The switch-off procedure foresees cleaning of the burner, emptying the pellets supply duct the pellets to the firebox completely.

In WOOD mode, press the ON / OFF key to switch the device ON.

The room temperature, in the wood mode, is not considered for the operation of the fireplace.

• OPERATING PRINCIPLES IN PELLET MODE

IGNITION

The pellet mode ignition cycle foresees a series of phases that are performed in sequence and cannot be interrupted.

The first phase is the initial ventilation phase, where the combustion fan only starts to blow air into the firebox and get rid of any ash that may have deposited the last time it was used. In this phase, the SWITCH ON CLEANING BEGINNING message is displayed in the message area on the display.

The second ignition phase is the pellet pre-load phase where for a set time the burner feeds the pellets to the firebox for the start-up load required. In this phase, the SWITCH ON PRELOAD PELLET message is displayed in the message area on the display.

The third ignition phase is a stand-by phase where the burner stops loading the pellets and, with the electrical resistance and combustion fan still operating, starts to heat the preloaded pellets until they start to burn. In this phase, the SWITCH ON EXPECT FLAME message is displayed in the message area on the display.

The fourth phase is the actual ignition phase. The burner, with the electrical resistance and combustion fan still operating, starts loading pellets again with on-off cycles. This intermittent load mode allows it to keep the flame ignited in the previous phase fuelled, so that the flames temperature increases and is read by the temperature probe as switch-on completed. In this phase, the SWITCH ON EXPECT FLAME message is displayed in the message area on the display.

The fifth and final ignition phase is the flame stabilisation phase. A particular full capacity combustion period is required to allow complete and uniform burning of the pellets inside the firebox, as at the end of the fourth phase, not all the pellets have been completely ignited. In this phase, the SWITCH ON STABILISATION FLAME message is displayed in the message area on the display.

On completing the fifth ignition phase, the fireplace is ready for output and, depending on the request from the room probe, will modulate the combustion output or switch to Eco status.

The ignition phase can not be interrupted. If the ON-OFF key is pressed when the above listed messages are displayed, the message WAIT SWITCH OFF will appear alternating with the normal ignition messages. This message indicates that the switch-off command has been memorised and at the end of the final ignition phase, the fireplace will switch-off. This immediate switch off procedure ensures the firebox is always clean for every ignition, preventing overloading of fuel, a condition that should always be avoided.

Opening of the combustion chamber door during the ignition phase, and also during the operating phases, will trigger the fireplace alarm leading to immediate switch-off.

All alarms triggered during the ignition phase cause the immediate switch-off of the fireplace. As a result of this situation, i.e. ignition blocked by an alarm, CLEAN BRAZIER will appear in the message area and the ON-OFF key becomes the OK key. To start-up the fireplace again, it is mandatory to clean the pellet firebox previously loaded during the interrupted ignition phase, it is therefore necessary to open the door for a minimum time to press the OK key and reset the message.

SWITCHING OFF

The fireplace switch-off procedure in pellet mode is divided into two phases.

The first phase foresees cleaning of the auger, i.e. the emptying of the pellets from inside the low firebox supplier auger. In this phase, the CLEAN AUGER message is displayed in the message area on the display.

In the second phase, the FINAL CLEAN message in the message area on the display, indicates the final ventilation period of the combustion fan to clean the firebox when it has finished burning.

During switch-off, the water circulation pump is running even if there is no request by the room probe.
## 03.2 Main Status Message Meanings

The display provides information on the operating status of the device and the status messages are displayed in the three lines message area, as indicated in the example screen shot in CHAP. 02.1: Display Description

<table>
<thead>
<tr>
<th>TEXT MESSAGE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td>Message indicating the device stop status.</td>
</tr>
<tr>
<td>ON</td>
<td>Message indicating the correct operating status of the device if not alternating with other warning messages.</td>
</tr>
<tr>
<td>SWITCH ON CLEANING BEGINNING</td>
<td>Message displayed at the start of the ignition procedure when operating in pellet mode.</td>
</tr>
<tr>
<td>SWITCH ON PRELOAD PELLET</td>
<td>Message displayed during the pellet loading phase in the firebox during ignition.</td>
</tr>
<tr>
<td>SWITCH ON EXPECT FLAME</td>
<td>Message displayed after the preload and therefore during the pellet heating time pending ignition.</td>
</tr>
<tr>
<td>SWITCH ON STABILISATION FLAME</td>
<td>Message displayed after ignition and therefore during the time needed to ignite all the pellets in the firebox.</td>
</tr>
<tr>
<td>CLEAN BRAZIER</td>
<td>Message displayed during the firebox cleaning cycle when operating in pellet mode.</td>
</tr>
<tr>
<td>CLEAN AUGER</td>
<td>Message displayed during the switch-off phase in pellet mode; the first phase is the auger cleaning cycle.</td>
</tr>
<tr>
<td>FINAL CLEAN</td>
<td>Message displayed after the auger emptying phase followed by the final cleaning cycle with maximum ventilation speed of the fumes fan.</td>
</tr>
<tr>
<td>WAIT STAND-BY</td>
<td>Message displayed during the switch-off of the device in pellet mode, after which it will switch to stand-by status.</td>
</tr>
<tr>
<td>STAND-BY</td>
<td>Message displayed with the device OFF, standing by for re-ignition following a room probe demand or an accumulation probe request.</td>
</tr>
<tr>
<td>ONLY COLD</td>
<td>Message displayed when non-consented commands are given when the device is on and at operating temperature.</td>
</tr>
<tr>
<td>PAUSE</td>
<td>Message displayed when, during the dwell time command is enabled, i.e. the forced economy mode period.</td>
</tr>
<tr>
<td>WAIT PASSAGE TO WOOD</td>
<td>Message displayed in pellet mode when they fuel type of modified in the user Rapid Menu.</td>
</tr>
<tr>
<td>WAIT PASSAGE TO PELLET</td>
<td>Message displayed in wood mode when the fuel type is modified in the user Rapid Menu or the AUTOCHANGE function is enabled.</td>
</tr>
<tr>
<td>ALARM ON</td>
<td>Message displayed after an alarm event which, in pellet mode, will trigger switch-off.</td>
</tr>
<tr>
<td>ALARM MEMORY</td>
<td>Message displayed after the switch-off cycle triggered by an alarm event.</td>
</tr>
<tr>
<td>WAIT SWITCH OFF</td>
<td>Warning message for the user during the switch-off cycle triggered by an alarm event.</td>
</tr>
<tr>
<td>READ INSTRUCTION MANUAL INTO ALARM SECTION</td>
<td>Warning message for the user during the switch-off cycle triggered by an alarm event with alarm memory screen.</td>
</tr>
<tr>
<td>WAIT SWITCH OFF</td>
<td>Message displayed if the ON-OFF key is pressed during the ignition phase to switch-off the device in pellet mode.</td>
</tr>
<tr>
<td>DOOR OPEN</td>
<td>Message displayed when ignition commences in pellet mode and the device door is open.</td>
</tr>
<tr>
<td>DATA LOADED</td>
<td>Message displayed when default factory settings have been loaded. IN THE TECHNICAL MENU ONLY.</td>
</tr>
<tr>
<td>TEXT MESSAGE</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>SERVICE ORDINARY</td>
<td>Message warning the user to effect cleaning operations as illustrated in the Instruction Manual. This message is displayed on reaching a total of 300 operating hours between pellet and wood operating modes.</td>
</tr>
<tr>
<td>SERVICE DEFLECTOR</td>
<td>Message warning the user to clean the deflector as illustrated in the Instruction Manual. This message is displayed on reaching a total of 100 operating hours between pellet and wood operating modes.</td>
</tr>
<tr>
<td>SERVICE EXTRAORDINARY</td>
<td>Message warning the specialised Technical Service Center to perform the annual cleaning operations as illustrated in the Instruction Manual. This message is displayed on reaching a total of 3000 operating hours between pellet and wood operating modes.</td>
</tr>
<tr>
<td>ANTIFREEZE</td>
<td>Message displayed during the anti-freeze cycle.</td>
</tr>
<tr>
<td>POSITION BAFFLE</td>
<td>Message displayed when the actual position of the damper does not correspond to the motherboard control position.</td>
</tr>
<tr>
<td>LEVEL PELLET</td>
<td>Message displayed in pellet mode when the pellet hopper minimum level notch is visible.</td>
</tr>
<tr>
<td>CLEAN BRAZIER</td>
<td>Message displayed when, following a manual activity or automatic event, the firebox may not be perfectly clean and therefore DOES NOT ALLOW CORRECT IGNITION IN PELLET MODE. The message reminds the user to clean the firebox before next ignition.</td>
</tr>
<tr>
<td>BOARD PELLET OFFLINE</td>
<td>Message displayed when the two motherboards are not electrically connected or there is incorrect data communication.</td>
</tr>
<tr>
<td>HOT SMOKE</td>
<td>Message displayed in pellet or wood mode when the fumes temperature exceeds the allowed threshold.</td>
</tr>
<tr>
<td>TANK OPEN</td>
<td>Message displayed with the pellet hopper door open.</td>
</tr>
<tr>
<td>GRID FIRE BOTTOM</td>
<td>Message displayed at the end of the automatic switching between wood - pellet fuel mode, reminding the user that the fireplace grate must be moved. Press the OK button to cancel the message after completing the move manoeuvre.</td>
</tr>
<tr>
<td>PASSAGE PELETT STOPPED</td>
<td>Message displayed when the automatic switching process to pellet mode is interrupted by the user. Press the OK key to confirm the switch has been completed.</td>
</tr>
<tr>
<td>PASSAGE WOOD STOPPED</td>
<td>Message displayed when the automatic switching process to wood mode is interrupted by the user. Press the OK key to confirm the switch has been completed.</td>
</tr>
<tr>
<td>PRESS ENTER TO CONFIRM</td>
<td>Message requesting confirmation after selecting automatic fuel switching.</td>
</tr>
<tr>
<td>PRESS ESC TO RESET</td>
<td>Message displayed when high pellet level is installed and the signalling is not congruent, i.e. low level uncovered and high level covered.</td>
</tr>
</tbody>
</table>
03.3 TERMINAL BOARD FOR ELECTRICAL CONNECTIONS TO EXTERNAL DEVICES

On the left side of the fireplace, in the lower section of the pellet hopper, there is an electrical box (A) housing the motherboards for the fireplace functional activities. The electrical box can be seen in Fig. 1.

The lower section of the electrical box houses the devices for the various electrical connections, as seen in Fig. 2.

A: Bipolar electric socket and switch with fuse holder drawer;
B: Terminal board for external electrical device connections;
C: Pellet safety thermostat with manual reset

The terminal board for external electrical device connections can be seen in Fig. 3.
The table below shows the various connection points on terminal board with the description of the relative function:

<table>
<thead>
<tr>
<th>CONNECTION</th>
<th>Description</th>
</tr>
</thead>
</table>
| CONT EXT   | External contact. Only enabled when the fireplace is operating in pellet mode. This contact could be used for ON and OFF operations with a remote external device. The procedure is as follows:  
- Fireplace in OFF status, if the electric contact switches from open to closed burning will start.  
- Fireplace in OFF status, if the electric contact switches from closed to open nothing will happen as the fireplace is already off.  
- Fireplace in ON status, if the electric contact switches from open to closed the fireplace will switch off.  
- Fireplace in ON status, if the electric contact switches from open to closed nothing will happen as the fireplace is already on.  
WARNING: There MUST BE NO current or voltage on the input electric contact, i.e. CLEAN CONTACT. |
| CONT AUX   | AUXILIARY CONTACT: the auxiliary contact is a clean exchange contact used in two possible solutions depending on the Pr107 setting in the Technical Menu in various calibrations.  
- PELLET setting:  
  - with the Pr107 pellet setting, this electric contact is designed to be used to start a motor for the auger controlled automatic pellet loading from an external hopper. Therefore the electrical connection to the load motor is required to interrupt a power supply to the same, inserting the wires in the connector and connecting them to terminals C and NO (PIN 1 and 3). The load pellet phase will be started when the minimum level probe inside the pellet hopper is uncovered, whilst the loading will be stopped when the time set in Pr118 runs out.  
  WARNING: The time set in Pr118 is a factory default setting, a technician MUST use extreme caution when setting this value according to the actual time taken to fill up the hopper to the level desired.  
- PNEUM setting:  
  - PNEUM is the setting that foresees the use of an additional level probe to act as the maximum level in the pellet hopper. This system could be used for a transposed pneumatic pellet, where the filling time calculation is never consistent and, therefore, it is necessary to interrupt the refilling cycle at an actual filling level. The enable cycle is similar to the PELLET setting, and therefore when the minimum probe is uncovered the load system is enabled and disabled when the maximum level is covered. |
| SONDA AMB  | Room temperature probe connection. The room thermostat electric contact (clean contact) must be connected to these two PINS, or a temperature probe must be connected.  
If a room thermostat electrical contact (clean contact) is used, in the general menu, the PROBE setting must be set to CONT.  
If a temperature probe is used, the probe must have electrical characteristics type NTC 10KΩ @25°C 53435 and in the general menu, the PROBE setting must be set to PROBE. |
| LIV LOW    | Low pellet level: this contact is used for a minimum pellet level sensor already set by default on the fireplace. |
| LIV HIGH   | High pellet level: this contact can be used for an optional maximum pellet level sensor in the event that an external pneumatic loading system has been installed. |
### CHAP.04 USER MENU

#### 04.1 RAPID MENU

Press and release the Menu key on the main screen to access the Rapid Menu programming area. There will be different types of function settings according to the selected fuel type.

**OPERATION WITH WOOD**

When the fireplace is operating in wood mode, the following settings can be modified:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>DEFAULT</th>
<th>MIN</th>
<th>MAX</th>
<th>UM</th>
</tr>
</thead>
<tbody>
<tr>
<td>HABITAT</td>
<td>This is used to set the room temperature value (This setting is not displayed if the CONT value is set in the PROBE menu and the AUTOCHANGE value is set to OFF).</td>
<td>20</td>
<td>7</td>
<td>40</td>
<td>°C</td>
</tr>
<tr>
<td>SPEED</td>
<td>Exchange fan speed (only visible if the Fan is set to manual mode (Man-) and if the Mode setting is set to Fan mode (Fan-)).</td>
<td>5</td>
<td>1</td>
<td>20</td>
<td>-</td>
</tr>
<tr>
<td>FAN</td>
<td>Choose the thermal exchange fan control (Manual or Automatic) (only visible if the operating Mode setting is set to Fan mode (Ventil.).)</td>
<td>AUTO AUTO MAN</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MODE</td>
<td>Allows you to set the fireplace thermal exchange mode (Fan or Convection).</td>
<td>VENTIL. VENTIL. IRRAD.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHRONO</td>
<td>This is used to set the timer-controlled thermostat status value (when operating with the AUTOCHANGE function enabled).</td>
<td>OFF OFF ON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WOOD SMOKE</td>
<td>This is used to start the combustion fan.</td>
<td>0</td>
<td>1</td>
<td>5</td>
<td>%</td>
</tr>
<tr>
<td>BUZZER</td>
<td>This is used to set the activation of the cards or display buzzer.</td>
<td>ON OFF CHART</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SMOKES BAFFLE</td>
<td>This is used to set the operating mode for the fumes damper.</td>
<td>AUTO MAN AUTO</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AUTOCHANGE</td>
<td>This allows you to ignite the pellet after the wood combustion has been completed, according to the flue gas temperature and the probe or thermostat request.</td>
<td>OFF OFF ON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUEL</td>
<td>This is used to set the fuel type to be used by the device.</td>
<td>WOOD WOOD PELLET</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OPERATION WITH PELLETS**

When the fireplace is operating in pellet mode, the following settings can be modified:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>DEFAULT</th>
<th>MIN</th>
<th>MAX</th>
<th>UM</th>
</tr>
</thead>
<tbody>
<tr>
<td>HABITAT</td>
<td>This is used to set the room temperature value (displayed only when PROBE or DISPLAY are set as the room probe).</td>
<td>20</td>
<td>7</td>
<td>40</td>
<td>°C</td>
</tr>
<tr>
<td>SPEED</td>
<td>Exchange fan speed (only visible if the Fan is set to manual mode (Man-) and if the Mode setting is set to Fan mode (Fan-)).</td>
<td>5</td>
<td>1</td>
<td>20</td>
<td>-</td>
</tr>
<tr>
<td>FAN</td>
<td>Choose the thermal exchange fan control (Manual or Automatic) (only visible if the operating Mode setting is set to Fan mode (Fan-)).</td>
<td>AUTO AUTO MAN</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MODE</td>
<td>Allows you to set the fireplace thermal exchange mode (Fan or Convection).</td>
<td>VENTIL. VENTIL. IRRAD.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHRONO</td>
<td>This is used to set the timer-controlled thermostat status value.</td>
<td>OFF OFF ON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POWER</td>
<td>This is used to set the operating output value.</td>
<td>3</td>
<td>1</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td>BUZZER</td>
<td>This is used to set the activation of the cards or display buzzer.</td>
<td>ON OFF CHART</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parameter</td>
<td>Description</td>
<td>DEFAULT</td>
<td>MIN</td>
<td>MAX</td>
<td>UM</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>---------</td>
<td>-----</td>
<td>-----</td>
<td>------</td>
</tr>
<tr>
<td>CLEAN</td>
<td>This is used to set a forced firebox cleaning cycle. (displayed only if the device is switched on with no cleaning cycle in progress). For further function explanations please see CHAP. 04.3.6</td>
<td>OFF</td>
<td>OFF</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td>DELAY ON/OFF</td>
<td>The Delay ON setting is used to set the start-up delay time (displayed when the device is switched off). The Delay OFF setting is used to set the start-up delay time (displayed when the device is switched off). For further function explanations please see CHAP. 04.3.7</td>
<td>00:00</td>
<td>00:10</td>
<td>10:00</td>
<td>HO-URS</td>
</tr>
<tr>
<td>SMOKES BAFFLE</td>
<td>This is used to set the operating mode for the fumes damper.</td>
<td>AUTO</td>
<td>MAN</td>
<td>AUTO</td>
<td></td>
</tr>
<tr>
<td>STAND-BY</td>
<td>This is used to set the Stand-by function (displayed only when in operating mode) For further function explanations please see CHAP. 04.3.1</td>
<td>OFF</td>
<td>OFF</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td>PAUSE</td>
<td>Settable in the rapid menu in pellet mode only when the devices is ON. For further function explanations please see CHAP. 04.3.5</td>
<td>00:00</td>
<td>00:10</td>
<td>10:00</td>
<td>HO-URS</td>
</tr>
<tr>
<td>FUEL</td>
<td>This is used to set the fuel type to be used by the device.</td>
<td>WOOD</td>
<td>WOOD</td>
<td>PELLET</td>
<td></td>
</tr>
</tbody>
</table>
04.1.1 RAPID MENU STRUCTURE: WOOD mode

The screen to the side represents a main screen in wood mode. The temperature value on the right side of the display represents the thermal exchange air temperature. The temperature value on the left of the display represents the room temperature. The presence of the fan icon indicates that the device is operating in fan mode. The number next to the fan indicates the fan speed and the MAN icon indicates that the fan is set to manual mode (AUTO in automatic mode). If the device is operating in convection mode, the fan icon will be replaced by the fireplace icon.

The ON message indicates that the fireplace is switched ON.*

Press and release the MENU key on the main screen to access the Rapid Menu programming area. The Rapid Menu consists in the settings for the following screens.

- **HABITAT**: Used to set the room temperature value. This setting is not displayed if the CONT value is set in the PROBE menu and the AUTOCHANGE value is set to OFF.
  - Use the +/- keys to adjust the value of the selected setting.
  - Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.
  - Press the ENTER key to move to the next setting.

- **SPEED**: Used to set the fan speed when the fan speed is set to MAN.
  - Use the +/- keys to adjust the value of the selected setting.
  - Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.
  - Press the ENTER key to move to the next setting.

- **FAN**: Used to set the exchange fan operating mode.
  - Use the +/- keys to adjust the value of the selected setting:
    - MAN: Manual (the exchange fan speed is selected by the user)
    - AUTO: Automatic (the thermal exchange fan speed is automatically regulated according to the air temperature)
  - Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.
  - Press the ENTER key to move to the next setting.

- **MODE**: Used to set the device thermal exchange operating mode.
  - Use the +/- keys to adjust the value of the selected setting:
    - VENTIL.: forced ventilation thermal exchange mode (with thermal exchange fan operating in manual or automatic mode)
    - IRRAD.: convection thermal exchange mode (without the thermal exchange fan)
  - Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.
  - Press the ENTER key to move to the next setting.

---

**WARNING**

If the wood fire is ignited with the display in OFF, when the water temperature value reaches the discharge value, this will trigger the AL 26 - ABNROM. LIGHTING alarm, and the fireplace in OFF status will automatically switch to ON status.

**NOTE**

*When the fireplace is off and cold, the message OFF will be displayed in the message area.

Pressing the ON-OFF key, the OFF message switches to ON.
The setting displayed inside the lens (BUZZER) is used to set the enabling of the board buzzer.

Use the +/- keys to adjust the value of the selected setting:
- **ON**: all buzzers are enabled;
- **CHART**: disabled only the BEEP each time the display keys are pressed but enables the board buzzer;
- **DISPLAY**: disabled only the board buzzer but enabled the BEEP each time the display keys are pressed;
- **OFF**: all buzzers are disabled.

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.

Press the ENTER key to move to the next setting.

The setting displayed inside the lens (WOOD SMOKE) is used to start the combustion fan.

Use the +/- keys to adjust the value of the selected setting (min:0%, max:5%);

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.

Press the ENTER key to move to the next setting.

The setting displayed inside the lens (SMOKES BAFFLE) is used to set the operating mode of the fumes damper.

Use the +/- keys to adjust the value of the selected setting:
- **AUTO**: damper regulated according to fume temperatures;
- **MAN**: flue damper always completely open.

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.

Press the ENTER key to move to the next setting.

The setting displayed inside the lens (CHRONO) is used to set the timer-controlled thermostat value (Enabled/disabled when operating with the AUTOCHANGE function enabled).

Use the +/- keys to adjust the value of the selected setting:
- **OFF**: the timer is off and the device only functions if switched on from the display and the temperature and output are regulated on the display;
- **ON**: the timer is on and the programme set in the general Menu is enabled.

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.

Press the ENTER key to move to the next setting.

The setting displayed inside the lens (AUTOCHANGE) allows you to ignite the pellet after the wood combustion has been completed, according to the flue gas temperature and probe/thermostat requests*.

Use the +/- keys to adjust the value of the selected setting (min:0%, max:5%);

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.

Press the ENTER key to move to the next setting.

---

*For further explanations on the AUTOCHANGE function see CHAP. 04.3.4.
Selecting the fuel type enables the two display modes of the rapid menu settings. If WOOD is selected, the screens displayed are those seen in paragraph 04.1.1 RAPID MENU STRUCTURE: WOOD mode. If PELLET is selected, the screens displayed are those seen in paragraph 04.1.2 RAPID MENU STRUCTURE: PELLET mode.

NOTE
The fuel type must be selected with the fireplace OFF. Selecting the fuel when the device is ON implies enabling of semiautomatic fuel switching. For more information see CHAP. 04.3.3.

WARNING
With the buzzer setting set to DISPLAY, an alarm signal will not be perceived as the buzzer BEEP is disabled.

NOTE
Selecting the fuel type enables the two display modes of the rapid menu settings. If WOOD is selected, the screens displayed are those seen in paragraph 04.1.1 RAPID MENU STRUCTURE: WOOD mode. If PELLET is selected, the screens displayed are those seen in paragraph 04.1.2 RAPID MENU STRUCTURE: PELLET mode.
### 04.1.2 RAPID MENU STRUCTURE: PELLET mode

The screen to the side represents a main screen in pellet mode. The temperature value on the left of the display represents the room temperature value. The output level at which the device is running is displayed next to the temperature value. The number 5 next the actual output columns is the set output level. The presence of the fan icon indicates that the device is operating in fan mode. The number next to the fan indicates the fan speed and the MAN icon indicates that the fan is set to manual mode (AUTO in automatic mode). If the device is operating in convection mode, the fan icon will be replaced by the fireplace icon. The temperature value on the left of MAN represents the thermal exchange air temperature. The ON message indicates that the device is running.

Press and release the MENU key on the main screen to access the Rapid Menu programming area. The Rapid Menu consists in the settings for the following screens.

#### Setting: HABITAT

The setting displayed inside the lens (HABITAT) is used to set the room temperature value. This setting is not displayed if the CONT value is set in the PROBE menu. Use the +/- keys to adjust the value of the selected setting. Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen. Press the ENTER key to move to the next setting.

#### Setting: SPEED

The setting displayed inside the lens (SPEED) is used to set the fan speed when the fan speed is set to MAN. Use the +/- keys to adjust the value of the selected setting. Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen. Press the ENTER key to move to the next setting.

#### Setting: FAN

The setting displayed inside the lens (FAN) is used to set the exchange fan operating mode.

Use the +/- keys to adjust the value of the selected setting:
- **MAN**: Manual (the exchange fan speed is selected by the user)
- **AUTO**: Automatic (the thermal exchange fan speed is automatically regulated according to the air temperature)

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen. Press the ENTER key to move to the next setting.

#### Setting: MODE

The setting displayed inside the lens (MODE) is used to set the device thermal exchange operating mode.

Use the +/- keys to adjust the value of the selected setting:
- **VENTIL.**: forced ventilation thermal exchange mode (with thermal exchange fan operating in manual or automatic mode)
- **IRRAD.**: convection thermal exchange mode (without the thermal exchange fan)

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen. Press the ENTER key to move to the next setting.
The setting displayed inside the lens (CHRONO) is used to set the timer-controlled thermostat value. Use the +/- keys to adjust the value of the selected setting:

- OFF: the timer is off and the device only functions if switched on from the display and the temperature and output are regulated on the display;
- ON: the timer is on and the programme set in the general Menu is enabled.

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.

Press the ENTER key to move to the next setting.

The setting displayed inside the lens (POWER) is used to set the operating output value. Use the +/- keys to adjust the value of the selected setting:

- Manual regulation of output (min:1, max:5 (in fan mode), min:1, max:3 (in convection mode);
- AUTO: automatic regulation of output. When output is set to AUTO mode, the device will operate from maximum output to ECO output to reach and satisfy the set temperatures.

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.

Press the ENTER key to move to the next setting.

The setting displayed inside the lens (BUZZER) is used to set the enabling of the board buzzer. Use the +/- keys to adjust the value of the selected setting:

- ON: all buzzers are enabled;
- CHART: disabled only the BEEP each time the display keys are pressed but enables the board buzzer;
- DISPLAY: disabled only the board buzzer but enabled the BEEP each time the display keys are pressed;
- OFF: all buzzers are disabled.

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.

Press the ENTER key to move to the next setting.

The setting displayed inside the lens (CLEAN) is used to enabled forced cleaning of the firebox. The setting is only displayed if the stove is operating and no cleaning phase is in progress. Use the +/- keys to adjust the value of the selected setting:

- ON: firebox cleaning enabled;
- OFF: firebox cleaning disabled;

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.

Press the ENTER key to move to the next setting.

The setting displayed inside the lens (DELAY ON/OFF) is used to set to delay the turning on and off of the device. When the device is OFF it is possible to set a delay turn on time whilst when the device is running it is possible to set a delay off time*.

Use the +/- keys to adjust the value of the selected setting (maximum settable value = 10:00 with steps of 00:10)

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen.

Press the ENTER key to move to the next setting.

---

**WARNING**

With the buzzer setting set to DISPLAY, an alarm signal will not be perceived as the buzzer BEEP is disabled.

---
The setting displayed inside the lens (SMOKES BAFFLE) is used to set the operating mode of the fumes damper. Use the +/- keys to adjust the value of the selected setting:

- **AUTO**: damper regulated according to fume temperatures;
- **MAN**: flue damper always completely open.

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen. Press the ENTER key to move to the next setting.

The setting displayed inside the lens (STAND-BY) is used to enable STAND-BY mode*. Use the +/- keys to adjust the value of the selected setting:

- **ON**: stand-by mode ON;
- **OFF**: stand-by mode OFF.

Press and release the ESC key to return to the list of settings, press and hold (3 seconds) to return to the main screen. Press the ENTER key to move to the next setting.

The last setting displayed inside the lens (FUEL) is used to set the fuel type to be used by the device. Use the +/- keys to adjust the value of the selected setting:

- **WOOD**: wood mode;
- **PELLET**: pellet mode.

Press and release the ESC key to return to the list of settings. Press and hold the ESC key to return the main screen.

*For further explanations on STAND-BY mode see CHAP. 04.3.1.
*For further explanations on the PAUSE function see CHAP. 04.3.5.
*For further explanations on the DELAY ON/OFF function see CHAP. 04.3.7.

NOTE
### 04.2  GENERAL MENU

Press and release the Menu key on the main screen to access the General Menu programming area.

<table>
<thead>
<tr>
<th>MENU</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLOCK</td>
<td>Lets you set the current date and time, required for correct chronothermostat operations.</td>
</tr>
<tr>
<td>CHRONO</td>
<td>Lets you turn the chronothermostat and its programs on or off.</td>
</tr>
<tr>
<td>LANGUAGE</td>
<td>Lets you set the menu language.</td>
</tr>
<tr>
<td>PROBE</td>
<td>Lets you set the type of probe to be used.</td>
</tr>
<tr>
<td></td>
<td>• Set PROBE probe type to use the NTC probe as the room temperature probe;</td>
</tr>
<tr>
<td></td>
<td>• Set CONT probe type to use a thermostat to control the appliance;</td>
</tr>
<tr>
<td></td>
<td>• Set DISPLAY probe type to use the temperature probe on-board the display.</td>
</tr>
<tr>
<td>STAND-BY</td>
<td>STAND-BY mode lets you turn off the device when room temperature requests are met.</td>
</tr>
<tr>
<td></td>
<td>In STAND-BY (display message) the device is awaiting room thermostat requests to restart an ignition cycle.</td>
</tr>
<tr>
<td></td>
<td>STAND-BY mode is used to set the turn off delay time and, if the PROBE value is set in the PROBE menu, this allows you to set a temperature value as a turn on and turn off differential.</td>
</tr>
<tr>
<td>DISPLAY</td>
<td>This is used to change the delay settings when turning off lighting, lighting energy saving, contrast and display stand-by.</td>
</tr>
<tr>
<td>PELLET LOAD</td>
<td>This is used to enable manual loading of pellets; it can be used after a completely empty hopper has been filled with fuel, to fill the load auger (only displayed if the fuel setting in the Rapid Menu is PELLET) and if the fireplace is OFF, after manual loading has been completed, a message will appear requesting the emptying of the firebox before proceeding.</td>
</tr>
<tr>
<td>INSERT STATE</td>
<td>This allows you to view the real-time operating status of the device.</td>
</tr>
<tr>
<td>TECHNICAL MENU</td>
<td>This menu contains the appliance settings pages that only the specialised Technical Service Center can access using a specific password.</td>
</tr>
<tr>
<td>REGULATIONS</td>
<td>Allows you to change pellet loading and comburent air settings.</td>
</tr>
<tr>
<td>MEMORY</td>
<td>Lets you read some data stored in the control unit memory.</td>
</tr>
<tr>
<td>SEASON</td>
<td>Allows you to set either winter or summer operating mode and the anti-freeze function.</td>
</tr>
</tbody>
</table>
04.2.1 GENERAL MENU STRUCTURE

Press and hold (3 seconds) the key on the main screen to enter the General Menu area. Use the SCROLL keys to scroll through the various modifiable settings. To open the pages with the various settings, press the ENTER key when the lens highlights the desired setting.

Inside each selected setting window, press and release the ESC key to move up a level or press and hold to return to the main screen with the list of settings.

GENERAL MENU - CLOCK

The setting displayed inside the lens (HOURS) is used to set the exact hour. Use the +/- keys to adjust the value of the selected setting. Press the ENTER key to move to the next setting.

The setting displayed inside the lens (MINUTS) is used to set the exact minutes. Use the +/- keys to adjust the value of the selected setting. Press the ENTER key to move to the next setting.

The setting displayed inside the lens (DAY) is used to set the day of the current week. Use the +/- keys to adjust the value of the selected setting. Press the ENTER key to move to the next setting.

The setting displayed inside the lens (DATE) is used to set the current date. Use the +/- keys to adjust the value of the selected setting. Press the ENTER key to move to the next setting.

The setting displayed inside the lens (MONTH) is used to set the current month. Use the +/- keys to adjust the value of the selected setting. Press the ENTER key to move to the next setting.

The final setting displayed inside the lens (YEAR) is used to set the current year. Use the +/- keys to adjust the value of the selected setting. Press and hold (3 secs) the ESC key to return the main screen with the settings list.
• The CHRONO INSERT is divided into three programmes. Use the SCROLL keys to select the desired programme.

Program 1 consists of 7 profiles, one per day, which the user can modify and customise.
Press the ENTER key to select the programme.
Use the SCROLL keys to move to the next setting.

Program 2 consists of 3 profiles, one from Monday to Friday (PROFILE 1), one for Saturday (PROFILE 2) and one for Sunday (PROFILE 3) which the user can modify and customise.
Press the ENTER key to select the programme.
Use the SCROLL keys to move to the next setting.

Program 3 is the travel programme.
Press the ENTER key to select the programme.

The first setting displayed inside the lens (CHRONO INSERT) is used to switch on, switch off and set the device timer-controlled value.
If, by mistake, when programming another profile a day that has already been used is activated, this day will only be recorded on the last profile and therefore excluded from the previous selection.

1 - Monday, 2 - Tuesday, 3 - Wednesday, 4 - Thursday  5 - Friday, 6 - Saturday, 7 - Sunday

NOTE

From the screen page that displays the single profile (PROFILE 1 - PROFILE 7) of PROGRAM 1, press and hold (3 secs) the ENTER key to view the screen used to copy the profile.

Use the SCROLL keys to move through the profiles, press and hold (3 secs) the ENTER key to select the day to copy.

Press the ESC key to return to the previous page.

Enter in the copied profile and activate the day.

It is possible to repeat the same procedure for the other profiles.

The procedure for setting the other profiles is identical to the procedure illustrated for PROFILE 1.

PROFILE 1 - Monday
PROFILE 2 - Tuesday
PROFILE 3 - Wednesday
PROFILE 4 - Thursday
PROFILE 5 - Friday
PROFILE 6 - Saturday
PROFILE 7 - Sunday

Use the SCROLL keys to select the desired profile in PROGRAM 1.

Press the ENTER key to select the desired profile.

The T1 temperature will flash on this page: use the +/- keys to adjust the value of the selected setting.

Press the ENTER key to move to the T2 temperature and use the +/- keys to adjust the value of the selected setting. Press the ENTER key and repeat the same procedure for the T3 temperature.

After setting the T3 temperature, press the ENTER key to move to the programming of the first half-hour on the settable temperature profile (0) and use the +/- keys to adjust the value of the selected setting. To move to the next profile settings (up to 23), press the ENTER key and use the +/- keys to adjust the value of the selected setting.

The temperature set for the single half-hour will be displayed when programming the profiles, in the box below the three temperatures (T1, T2, T3).

On completing the profile programming, day 1 (Monday) will flash in the day box, use the +/- keys to select the profile setting day (a square around the number will appear when selected). Press the ENTER key to move to and select the following days up to day 7 (Sunday).

On completing the programming, pressing the ENTER key and T1 will flash again.

To return to the previous level, press and hold (3 secs) the ESC key.

The selected days of the week will be displayed at the top of the screen next to the set PROFILE.

When you return to the previous screen, it is possible to select another profile and programme it as described above.

NOTE

If, by mistake, when programming another profile a day that has already been used is activated, this day will only be recorded on the last profile and therefore excluded from the previous selection.
To enable PROGRAM 1 from the screen page that displays the single programme, press and hold (3 secs) the ENTER key. Next to PROGRAM 1 the OFF text will be replaced by the ON text as seen in the screenshots below:

Repeat the same procedure to disable PROGRAM 1.

PROGRAM 2:

Use the SCROLL keys to select the desired profile in PROGRAM 2.

Press the ENTER key to select the desired profile.

The T1 temperature will flash on this page: use the +/- keys to adjust the value of the selected setting.

Press the ENTER key to move to the T2 temperature and use the +/- keys to adjust the value of the selected setting. Press the ENTER key and repeat the same procedure for the T3 temperature.

After setting the T3 temperature, press the ENTER key to move to the programming of the first half-hour on the settable temperature profile (0) and use the +/- keys to adjust the value of the selected setting. To move to the next profile settings (up to 23), press the ENTER key and repeat the same procedure for the T3 temperature.

After setting the T3 temperature, press the ENTER key to move to the programming of the first half-hour on the settable temperature profile (0) and use the +/- keys to adjust the value of the selected setting. To move to the next profile settings (up to 23), press the ENTER key and repeat the same procedure for the T3 temperature.

The procedure for setting the other profiles is identical to the procedure illustrated for PROFILE 1.

PROFILE 1 (Monday - Friday)
PROFILE 2 (Saturday)
PROFILE 3 (Sunday)

NOTE

The temperature set for the single half-hour will be displayed when programming the profiles, in the box below the three temperatures (T1, T2, T3).

On completing the programming, pressing the ENTER key and T1 will flash again.

To return to the previous level, press and hold (3 secs) the ESC key.

When you return to the previous screen, it is possible to select another profile and programme it as described above.
From the screen page that displays the single profile (PROFILE 1 - PROFILE 3) of PROGRAM 2, press and hold (3 secs) the ENTER key to view the screen used to copy the profile.

Use the SCROLL keys to move between days 6 and 7 and press and hold (3 secs) the ENTER key to select the day to copy.

Press the ESC key to return to the previous page.

It is possible to repeat the same procedure for the other profiles.

To enable PROGRAM 2 from the screen page that displays the single programme, press and hold (3 secs) the ENTER key. Next to PROGRAM 2 the OFF text will be replaced by the ON text as seen in the screenshots below:

Repeat the same procedure to disable PROGRAM 2.

PROGRAM 3:

The setting displayed inside the lens (VOYAGE DAY) is used to set the start delay in days. The day count begins from the day after the programming (e.g.: 5 days are programmed on Tuesday so the device will switch on on Sunday).

Use the +/- keys to adjust the value of the selected setting.

Press the ENTER key to move to the next setting.

The final setting displayed inside the lens (VOYAGE TIME) is used to set the start-up time.

Use the +/- keys to adjust the value of the selected setting.

Following the example above, the fireplace will switch on at 3.30 pm on Sunday.

Press and hold (3 secs) the ESC key to return to the previous level and confirm all the settings.

NOTE

The VOYAGE timer can be enabled for one cycle only.
To enable PROGRAM 3 from the screen page that displays the single programme, press and hold (3 secs) the ENTER key. Next to PROGRAM 3 the OFF text will be replaced by the ON text as seen in the screenshots below:

Repeat the same procedure to disable PROGRAM 3.

**GENERAL MENU - LANGUAGE**

The setting displayed inside the lens (LANGUAGE) is used to select the desired language.
Use the +/- keys to adjust the value of the selected setting from the languages available (ITA, ENG, DEU, FRA, ESP)
Press the ESC key to exit and save the setting.

**GENERAL MENU - PROBE**

The setting displayed inside the lens (PROBE) is used to set the type of room probe to be used.
Use the +/- keys to adjust the value of the selected setting.
- **PROBE**: to use the NTC probe as the room temperature probe;
- **DISPLAY**: to use the probe inside the touch display box;
- **CONT**: to use a thermostat to control the device.
Press the ESC key to exit and save the setting.

**WARNING**

If the room probe type is set to DISPLAY, the room temperature is measured by a probe inside the touch screen display plastic box.

This measurement solution may not coincide with the actual room temperature, as there is not enough air circulation inside the display to update the probe reading, and the heating of the backlit screen could also alter the reading.
This measurement can be corrected from the Technical Menu; this does no, however, guarantee a correct and reliable reading.
The setting displayed inside the lens (DELAY OFF) is used to set the switch-off delay when the temperature conditions are satisfied. Use the +/- keys to adjust the value of the selected setting. Press the ENTER key to move to the next setting.

The setting displayed inside the lens (DELTA OFF) is used to set the temperature value above the room set value to start the count of the DELAY OFF setting*. Use the +/- keys to adjust the value of the selected setting. Press the ENTER key to move to the next setting.

The final setting displayed inside the lens (DELTA ON) is used to set the temperature value below the room set value to start the start-up cycle*. Use the +/- keys to adjust the value of the selected setting. Press and hold (3 secs) the ESC key to return to the previous level and confirm all the settings.

*For further explanations on STAND-BY mode see CHAP. 04.3.1.

*The DELTA OFF and DELTA ON, is not displayed if a room thermostat (CONT) is used as the ambient probe.
The setting displayed inside the lens (DELAY) is used to set the display back-lighting delay. Use the +/- keys to adjust the value of the selected setting. Press the ENTER key to move to the next setting.

The setting displayed inside the lens (SAVING) is used to regulate the brightness value on the display when not in modify status, i.e. after the DELAY time set, the brightness drops to the selected value (the economy setting is only displayed if the following setting, STAND-BY is set to OFF). Use the +/- keys to adjust the value of the selected setting (Min. 10%, Max 50%, with intervals of 10%). Press the ENTER key to move to the next setting.

The setting displayed inside the lens (STAND-BY) is used to set complete display switch-off after a period of inactivity of 60 seconds. Use the +/- keys to adjust the value of the selected setting.
- ON: display switch-off enabled;
- OFF: display switch-off disabled.

Apply pressure to the lower right corner of the display to activate the screen. The display automatically returns to the main page. Press the ENTER key to move to the next setting.

The final setting displayed inside the lens (CONTRAST) is used to set the screen contrast. Use the +/- keys to adjust the value of the selected setting. Press and hold (3 secs) the ESC key to return to the previous level and confirm all the settings.
The PELLET LOAD function in the General Menu is only visible when the status is OFF and the stove is cold.

The CLEAN BRAZIER message will also be displayed if an alarm event occurs during the ignition phase.

NOTE

The PELLET LOAD function in the General Menu is only visible when the status is OFF and the stove is cold. The CLEAN BRAZIER message will also be displayed if an alarm event occurs during the ignition phase.

GENERAL MENU - INSERT STATE

Page 1 shows the following device instantaneous functional value:
- SMOKES TEMP
- SMOKES VOLT
- SMOKES BAFFLE
- AIR-BAFFLE
- ROOM TEMP

Press the SCROLL key to move on to the next page

Page 2 shows the following device instantaneous functional value:
- COCHLEA M1
- COCHLEA M2
- POWER
- TEMP. PELLET BOARD
- TEMP. WOOD BOARD

Press the SCROLL key to move on to the next page

Page 3 shows the following device instantaneous functional value:
- SEASON
- AIR TEMP
- SPEED
- FAN
- MODE

Press the SCROLL key to move on to the next page
Page 4 shows the following device instantaneous functional value:
- EXT TEMP (display the value)
- CONT-EXT
- DOOR MICRO 1
- DOOR MICRO 2
- MICRO TANK-

Press the SCROLL key to move on to the next page

Page 5 shows the following device instantaneous functional value:
- SICUR-TEMP
- LEV PELLET LO
- LEV PELLET HI

Press the SCROLL key to move on to the next page

Page 6 shows the following device instantaneous functional value:
- WOOD FILE (programming file)
- FILE PELLET (programming file)
- DATE
- DISPLAY vs (display version)

Press and hold (3 secs) the ESC key to return to the previous level.
The service technician can update all device functional settings in the TECHNICAL MENU. Each intervention of this type resets factory settings with the consequent loss of all user settings.

The TECHNICAL MENU is reserved to a specialised Technical Service Center, accessible using a special key.

The setting displayed inside the lens (PELLET) is used to adjust the quantity of pellets.
Use the +/- keys to adjust the value of the selected setting (Min. -9, Max. 9).
Press the ENTER key to move to the next setting.

The setting displayed inside the lens (SMOKES) is used to adjust the fume exhaust fan speed.
Use the +/- keys to adjust the value of the selected setting (Min. -9, Max. 9).
Press and hold (3 secs) the ESC key to return to the previous level and confirm all the settings.
Page 1 shows the following saved data:
- TOTAL HOURS: total number of operating hours;
- TOTAL HOURS WOOD: total number of operating hours in wood mode;
- TOTAL HOURS PELLET: total number of operating hours in pellet mode;
- PARTIAL HOURS WOOD: number of partial operating hours in wood mode;
- PART. HOURS PELLET: number of partial operating hours in pellet mode;

Press the SCROLL key to move on to the next page

Page 2 shows the following saved data:
- HOURS P1: operating hours at output rate 1;
- HOURS P2: operating hours at output rate 2;
- HOURS P3: operating hours at output rate 3;
- HOURS P4: operating hours at output rate 4;
- HOURS P5: operating hours at output rate 5;

Press the SCROLL key to move on to the next page

Page 3 shows the following saved data:
- HOURS ECO: operating hours in economy mode;
- STAND-BY HOURS: operating hours in stand-by mode;
- IGNITION: total number of start-ups;
- CANC-PART.HOURS-: total number of PART. HOURS counter resets;

Press the SCROLL key to move on to the next page

Page 4 shows the first saved alarm:
- M1 - AL01 - BLACK-OUT: alarm code;
- 15: number of alarm triggers;
- 23-06-2014: last trigger date;
- 15:25: last trigger time

Press the SCROLL key to move on to the next page

Pages 5, 6, 7, 8 show a further 4 triggered alarms;

Press the SCROLL key to move on to the next page

Page 9 shows the following saved data:
- DATE: device manufacturing data;
- LOT: production batch number;
- SERIAL: device serial number;
- TYPE: device model name;

Press the SCROLL key to move on to the next page
For further explanations on the ANTIFREEZE function see CHAP. 04.3.2.

**SUMMER** mode, selected during the hotter season, enables the exchange fan to be used to circulate the room air and the ON button starts the fan.

**WINTER** mode, selected during the colder season when the fireplace is used as a source of heat, enables the exchange fan to be used to circulate the hot air and the ON button switches the fireplace on and off.
04.3 MAIN DEVICE FUNCTIONS

04.3.1 STAND-BY
STAND-BY mode lets you turn off the device when the room temperature request is met. The stand-by function is a solution that allows the fireplace to automatically switch off on reaching the set room temperature conditions and can be restarted from the Rapid Menu when the device is ON.

In the general menu STAND-BY setting, it is possible to set the deviation temperatures compared to the room set value to control automatic switch off and restart. A switch off delay time can also be set.

Automatic switch-off is triggered when the real time room temperature is equal to the room set value plus the DELTA OFF setting. When this temperature limit is reached, the switch-off delay timer is activated, regulated by the DELAY OFF setting. The delay time is used to wait for any unexpected drops in room temperature, therefore avoiding excessive switching on and off.

The stand-by function for automatic restart is different between the set room temperature and the DELTA ON setting.

The above is valid if the PROBE setting in the General Menu is set to PROBE (or DISPLAY). If however the value is set to CONT, hence using an external thermostat, the value settable in the STAND-BY setting will be the switch off delay time only.

04.3.2 ANTIGELO
The function in enabled if Pr119 is set to ON.

The function is enabled in pellet mode only and it is used to switch on the device when the room temperature is below 5°C (factory setting) and is stopped when it increases by at least 1°C.

04.3.4 SEMIAUTOMATIC FUEL SWITCHING

• PELLET-WOOD switching
The fuel switching is achieved by selecting the fuel not in use in the Rapid Menu, therefore selecting wood. A confirmation pop-up must be accepted to proceed with the setting, if refused it will remain in pellet mode.

After accepting the displayed confirmation request, the message DO NOT LOAD WOOD will appear. In this phase, the device will complete the switching off of the combustion fan and the loading screw feeders. While in this phase, the door must not be opened otherwise this will trigger a fireplace alarm and switch off the device.

Only when the WOOD LOADING message appears on the display, it is possible to open the fireplace door to position the fire base grate and load a minimum amount of wood (2 blocks) to start the wood burning process.

After loading the wood and closing the door, the device operating in pellet mode waits for 3 minutes to allow the wood to ignite.

In this period a message will be displayed warning the user that the switch-over to wood mode is in progress. At the end of the 3 minutes, the pellet burning mode will switch off normally.

Opening the door to position the grate or load wood before setting the switching mode, or when the DO NOT LOAD WOOD message is displayed, will trigger an alarm status that will switch off the device as opening the door is not permitted when operating in pellet mode.

When the WOOD LOADING message is displayed, the user has a maximum of 300 seconds to open the door, position the grate and load the wood. The device will switch OFF if the door is left open for over 300 seconds, and the CLEAN BRAZIER message will appear reminding the user to clean the firebox before next ignition. If, during the 300 seconds the door is not opened to position the grate or load the wood, the device will switch OFF.

It is possible to interrupt the switching by returning to the Rapid Menu and setting the fuel to pellet when the DO NOT LOAD WOOD message is displayed, or when the WOOD LOADING message is displayed but without having opened the door to position the grate and load the wood.

Opening the door during switch-over will trigger a device alarm and switch it OFF. Pressing the ON-OFF button during the switch-over will switch off pellet mode. Following such actions, a message PASSAGE WOOD STOPPED is displayed warning the user that the switching is now disabled. The OFF button becomes the OK button, press to confirm and cancel the warning message.

• WOOD-PELLET switching
The fuel switching is achieved by selecting the fuel not in use in the Rapid Menu, therefore selecting pellet. A confirmation pop-up must be accepted to proceed with the setting, if refused it will remain in wood mode.

ONLY after loading the wood is it possible to set the change in fuel in the Rapid Menu. Opening the door after setting wood mode in the Rapid Menu, will cancel the semiautomatic switching and the message PASSAGE PELLET STOPPED warns the user that burning will continue in wood mode.

When switching is enabled, you have 45 minutes (factory setting) during which the burning of the last load of wood must finish before the pellets can be ignited. During this period, the furnace fan starts running at a value of 2%. It is possible to interrupt the switch-over, other than opening the door, by returning to the Rapid Menu and setting the fuel to wood, or simply pressing the ON-OFF key. The message PASSAGE PELLET STOPPED must be acknowledged by pressing the OK key.

04.3.5 AUTOCHANGE FUNCTION
The AUTOCHANGE function allows automatic ignition of the pellet switching from wood operating mode when the wood burning phase is complete and if any requests are received from the temperature probes or thermostats.

After enabling this function, the flue gas temperature must rise over 180°C to ensure the actual burning of the wood. When the flue gas temperature drops below the threshold of 130°C, and a request is received from the temperature probes or thermostats, the device will start the 10 minute stand-by time and the message WAIT SHIFT TO PELLET will be displayed. During this stand-by time, the combustion fan operates at 2% to complete the wood burning phase.

When the stand-by time expires, the pellet ignition phase starts and on completing this cycle the device will continue operating in pellet mode and the AUTOCHANGE (Rapid menu) will automatically switch OFF.
If the door is opened, or the ESC button is pressed, or the flue gas temperature exceeds the 180°C threshold during the stand-by phase, the pellet switch-over phase will be interrupted and the device will remain in wood mode. In all these cases the AUTOCHANGE function automatically switches OFF.

It is only possible to enable this function in wood operating mode. In the case of automatic ignition of the wood with pellet, the function should only be activated after the ignition cycle has been completed.

If the function is activated, the timer-controlled thermostat will be automatically disabled, but it is possible to activate it again using the relative setting in the rapid menu on the control display. In the event of a power Black Out lasting over 30 seconds, the device triggers an alarm and the AUTOCHANGE function automatically switches OFF. If, however, the power Black Out lasts for less than 30 seconds, the function maintains its ON status.

**WARNING:** If the function is activated but the temperature does not rise over 180°C, despite receiving a probe or thermostat request, and the flue gas temperature drops below the bottom threshold, the device will not automatically ignite in pellet mode.

### 04.3.5 PAUSE

The PAUSE function is set in the Rapid Menu in pellet mode only when the device is ON. The function, settable up to a maximum of 10 hours with 10 minute steps, brings the device to a forced ECO operating condition. This is to allow a temporary and programmed decrease of the heating, without changing the values set for the temperature and/or operating output or the timer-controlled thermostat thermal profile. This function can be reset by setting the value to 00:00 in the Rapid Menu.

### 04.3.6 BRAZIER CLEANING

The CLEAN function can only be enabled if the device is ON and operating in pellet mode. This function is used to clean the firebox manually, setting the CLEAN setting to ON, and then activating a forced ventilation cycle by the combustion fan.

### 04.3.7 DELAY ON/OFF

The delay function, settable in the Rapid Menu, is used to perform occasional delayed on and off operations without changing the times on the thermal profile of the timer-controlled thermostat, making it easier and more practical to manage the device in certain time changes made by the user during the week or during the day.

In the OFF status, setting a time of up to 10 hours will cause a delayed programmed start-up. In the ON status, setting the delay function will cause a delayed programmed switch off.

The on/off delay setting can be seen in the Rapid Menu only in OFF status and ON status.
## 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. Examples of the alarm status screen pages can be seen below and highlight the alarm triggered, the description of the alarm cause, the time and date it was triggered:

#### ALARM MEMORY

<table>
<thead>
<tr>
<th>Alarm code</th>
<th>Alarm text</th>
<th>Alarm cause</th>
<th>Main solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL01</td>
<td>BLACK OUT</td>
<td>• Maximum black out time when the fireplace is operating</td>
<td>• Check that the power cord plug is firmly inserted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check that the mains LEDS on the electronic boards are on.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the protection fuses on the electric box electric socket.</td>
</tr>
<tr>
<td>AL02</td>
<td>SMOKES PROBE</td>
<td>• Fume probe not connected or broken, value read over 400°C</td>
<td>• Check the connection of the fume probe on the WOOD electronic board, the red wire must be connected to the + sign, the blue wire to the - sign.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the condition of the end section of the fume probe by sliding it out of the probe seat.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the condition of the electronic board wire on the end section of the fume probe.</td>
</tr>
<tr>
<td>AL03</td>
<td>HOT SMOK. PELLET</td>
<td>• Flue-gas temperature over Pr049+30°C or Pr058+30°C with the fireplace operating in pellet mode</td>
<td>• Check the value of the technical parameter.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the pellet quality, it may have a very high heat output level.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the technical setting value of the auger activation times.</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the fume probe is positioned correctly.</td>
</tr>
<tr>
<td>AL04</td>
<td>SMOK.FAN BROKEN</td>
<td>• Combustion fan not connected electrically to the wiring</td>
<td>• Check the combustion fan connection plug, it may be unplugged.</td>
</tr>
<tr>
<td>AL05</td>
<td>LIGHTENING FAILURE</td>
<td>• Insufficient increase of fumes temperature during start-up</td>
<td>• Make sure the electrical resistance is working properly.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Make sure the pellet load in the preload phase reaches the correct level in the brazier.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the fume probe is positioned correctly.</td>
</tr>
<tr>
<td>AL06</td>
<td>PELLET MISSING</td>
<td>• In Pellet mode the fumes temperature is lower than Pr051.</td>
<td>• Check pellet content in the hopper.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Make sure the high M2 gear motor is running when the device is operating.</td>
</tr>
<tr>
<td>AL07</td>
<td>THERM. SAFETY</td>
<td>• Tripped mechanical burner safety thermostat.</td>
<td>• Check the technical setting value of the auger activation times.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the technical setting value of the combustion fan speed.</td>
</tr>
<tr>
<td>Alarm code</td>
<td>Alarm text</td>
<td>Alarm cause</td>
<td>Main solution</td>
</tr>
<tr>
<td>------------</td>
<td>------------</td>
<td>-------------</td>
<td>---------------</td>
</tr>
</tbody>
</table>
| AL08       | DEPRESS. MISSING | • Tripped fumes safety pressure switch. | • Check the technical setting value of the combustion fan speed.  
• Make sure the fume deflector is clean.  
• Make sure the fume turbolator is clean.  
• Check the flue and chimney pot, make sure there is sufficient natural draught to exhaust the fumes. |
| AL10       | HOT AIR    | • Air probe not connected or broken.  
• Fireplace air temperature exceeds the top threshold of Pr109 or Pr110. | • Check that the probe is connected to the electronic circuit board correctly.  
• Check the air probe is positioned correctly. |
| AL13       | CONTIN. CHARGE | • M2 auger activation time is continuous | • Check that the upper auger gear motor is enabled in continuous mode when the device is operating.  
• Contact the specialised Technical Service Center. |
| AL15       | SAFETY BOARD PELLET | • The pellet control electronic board temperature is over 60°C | • Check the temperature inside the cladding in the fireplace electric box area, it must not be higher than 50°C  
• Make sure the ventilation inside the fireplace cladding is correct. |
| AL16       | SAFETY BOARD WOOD | • The main pellet control electronic board temperature is over 60°C | • Check the temperature inside the cladding in the fireplace electric box area, it must not be higher than 50°C.  
• Make sure the ventilation inside the fireplace cladding is correct. |
| AL21       | ROOM PROBE | • Room temperature probe not connected of broken, value read below 1°C. | • Make sure the room temperature probe is in good condition and connected to terminal IN3 on the wood electronic board. |
| AL22       | CONTAINER OPEN | • The pellet hopper is open | • Close the pellet hopper.  
• Make sure the electrical connections to the microswitch are correct, micro connected in the NO position. |
| AL23       | PELLET LEVEL | • The minimum pellet level is visible | • Top-up the pellet hopper.  
• Make sure the pellet level wire is correctly connected to the electronic board connector. |
| AL25       | HOT SMOKE WOOD | • Flue-gas temperature over Pr050+30°C or Pr059+30°C with the fireplace operating in wood mode | • Check the value of the technical parameter.  
• Check the wood quality, it may have a very high heat output level.  
• Check the fume probe is positioned correctly. |
| AL26       | ABNROM. LIGHTING | • In wood mode, the water discharge threshold is reached with display set to OFF. | • Before switching on the fireplace in wood mode, make sure the display is set to ON. |
| AL27       | SAFETY TEMPERATURE | • Tripped safety probe | • Make sure the ventilation inside the fireplace cladding is correct. |
| AL30       | LIGHTING BY ALARM | • Wood mode start-up with pellet related alarm in memory | • Before starting in wood mode, make sure you reset the previous pellet mode alarm and set the fuel setting in the quick menu to wood. |
| AL31       | PELLET BOARD OFF-LINE | • No communication with the pellet electronic board | • Make sure the electrical connection between the two boards uses two red+black wires.  
• Make sure the pellet electronic board is electrically connected. |
<p>| AL32       | DISPLAY OFF-LINE | • No messages on the display | • If the problem persists please contact a specialised Technical Service Center. |</p>
<table>
<thead>
<tr>
<th>Alarm code</th>
<th>Alarm text</th>
<th>Alarm cause</th>
<th>Main solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL33</td>
<td>ENCODER</td>
<td>• No reading by the low gear motor encoder</td>
<td>• Check to see if the burner low gear motor is stationary.</td>
</tr>
<tr>
<td></td>
<td>COCHLEA M1</td>
<td></td>
<td>• Check for any mechanical blocks on the burner low gear motor.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the electrical connections of the burner low gear motor and the</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>connection to the electronic board.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the connection of the encoder plug to the burner low gear motor and</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>the connection to the electronic board.</td>
</tr>
<tr>
<td>AL34</td>
<td>DOOR OPEN</td>
<td>• Combustion chamber door open when operating in pellet mode</td>
<td>• Make sure the combustion chamber door is closed properly.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Check the electrical connections are correct between the electronic</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>board and the door microswitch.</td>
</tr>
<tr>
<td>AL35</td>
<td>DISPLAY BROKEN</td>
<td>• No messages on the display</td>
<td>• Check that the display is connected to the electronic circuit board</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>correctly.</td>
</tr>
</tbody>
</table>

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 the ACKNOWLEDGEMENT key and wait for the AUGER CLEANING and FINAL CLEANING procedures to terminate. 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.