

Easyricambi I050_4

Easyricambi MICRONOVA I050_4 Control Board for Pellet Stoves - Instruction Manual

Model: I050_4 (PI050_A04)

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Easyricambi MICRONOVA I050_4 thermoregulating control board (PI050_A04) designed for ducted air pellet stoves. Please read these instructions carefully before proceeding with installation or operation to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

The MICRONOVA I050_4 (PI050_A04) control board manages all functionalities of ducted air pellet stoves through its integrated inputs and outputs. It is equipped for an encoder and features an RS232 connector for PC connection.

The reliable operating software allows for flexible and simple management of all connected devices. This board is suitable for installation as a replacement for other thermoregulators in most commercial pellet stoves.

It also includes advanced functions for installers, allowing parameter input via the keyboard/display or a computer using the RS232 SERAMI interface and SeramiNet software.



Figure 1: Easyricambi MICRONOVA I050_4 Control Board. This image shows the green circuit board with various connectors and electronic components.

3. SETUP AND INSTALLATION

Important Pre-Purchase Step: To ensure the correct firmware is loaded onto the board, you **must** specify the type of display (LED or LCD) and its model. It is necessary to send a photo of your stove's display via message or WhatsApp to the number 3939095125 **before** purchasing. This step is crucial as some display models may not be compatible.

Post-Installation Adjustment: After the board is installed, the values of certain parameters must be modified to align with your specific stove's requirements. Familiarity with screen navigation is essential for this process, as there is no specific manual for screen navigation.

It is recommended that installation and initial parameter adjustments be performed by a qualified technician.

4. OPERATING INSTRUCTIONS

The control board features two main menu levels accessible via the keyboard console, each protected by a security key:

4.1. User Menu

The user menu allows for variation of common operating parameters. Through this menu, you can:

- Initiate ignition and shutdown sequences.
- Adjust fan settings.
- Set the desired working temperature.
- Control pellet load.
- Monitor operational status displayed on the screen.

4.2. Installer Menu

The installer menu provides access to advanced parameters for fine-tuning the stove's operation. This menu is intended for qualified technicians and allows adjustments such as:

- Thermal calibration.
- Detailed pellet load settings.
- Other advanced operational parameters.

Access to this menu requires a specific security key.

5. TROUBLESHOOTING AND PARAMETER ADJUSTMENT

If the stove does not operate as expected after installation, it is likely due to incorrect parameter settings. The board requires specific parameter values to be aligned with your stove's model.

Common Issues:

- **Incorrect Operation:** Verify all parameters in both the user and installer menus.
- **Display Incompatibility:** Ensure that the correct display type (LED or LCD) was communicated before purchase and that the firmware matches.

Since there is no specific manual for screen navigation, users are expected to be familiar with navigating the display to adjust parameters. For complex issues or if you are unsure about parameter adjustments, contact a qualified technician or the support team.

6. SPECIFICATIONS

Brand	Easyricambi
Model	MICRONOVA I050_4 (PI050_A04)
Material	Plastic
Color	Green
Display Type Compatibility	LED or LCD (model specific)
Connectivity	RS232 for PC connection

7. SUPPORT AND CONTACT

For inquiries regarding display compatibility or technical support, please contact Easyricambi. Remember to provide a photo of your stove's display before purchase for firmware verification.

Contact for Display Verification: WhatsApp to 3939095125

No specific warranty information is provided in the product description.

