

Easyricambi 2272601

Easyricambi Air Flow Sensor Instruction Manual

Model: 2272601

1. PRODUCT OVERVIEW

The Easyricambi Air Flow Sensor, also known as a flow meter, is designed to measure air flow and ensure optimal performance in compatible pellet stoves. This package includes the sensor and its necessary connection cable.

1.1 Intended Use

This sensor is primarily intended for installation on pellet stoves for heating or maintenance purposes. It is compatible with various models, including Nordic Extraflame references 2272601 - 2272612, Zotto, and Marotchi stoves.

2. SAFETY INFORMATION

- Always disconnect the pellet stove from the power supply before attempting any installation, maintenance, or repair.
- Ensure proper grounding of the stove and all electrical components.
- If you are not confident in performing the installation, consult a qualified technician.
- Do not modify the sensor or its cable. Use only genuine Easyricambi replacement parts.
- Keep children and pets away from the appliance during installation and operation.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged:

- 1 x Easyricambi Air Flow Sensor (Model 2272601)
- 1 x Connection Cable (integrated)

4. SETUP AND INSTALLATION

The Easyricambi Air Flow Sensor features a flange mount type for secure installation. Refer to your specific pellet stove's service manual for detailed instructions on locating and replacing the air flow sensor.

1. **Preparation:** Ensure the pellet stove is completely cool and disconnected from the main power supply.
2. **Locate Existing Sensor:** Identify the current air flow sensor on your pellet stove. Its location may vary by stove model.
3. **Disconnect:** Carefully disconnect the existing sensor's wiring and unmount it from its position. Note the orientation for correct installation of the new sensor.
4. **Install New Sensor:** Mount the new Easyricambi Air Flow Sensor (Model 2272601) into the designated position using its flange mount. Ensure it is securely fastened.
5. **Connect Wiring:** Connect the integrated connection cable of the new sensor to the appropriate terminals on the stove's control board. Ensure all connections are firm and correct.
6. **Final Check:** Double-check all connections and ensure no tools or debris are left inside the stove.



Figure 1: Easyricambi Air Flow Sensor with integrated cable. This image shows the compact design and the attached cable for connection to the pellet stove's system.

5. OPERATION

Once correctly installed, the Easyricambi Air Flow Sensor operates automatically. It continuously monitors the air flow within the pellet stove's system, providing critical data to the stove's control unit. This data allows the stove to adjust its combustion process for optimal efficiency and performance. No direct user interaction with the sensor is required after installation.

6. MAINTENANCE

Regular maintenance of your pellet stove, including inspection of the air flow sensor, is recommended to ensure longevity and consistent performance.

- **Inspection:** Periodically inspect the sensor and its cable for any signs of physical damage, corrosion, or loose connections.
- **Cleaning:** If accessible and safe to do so, gently clean any dust or debris that may accumulate on the sensor's surface. Ensure the stove is off and cool before cleaning. Do not use abrasive cleaners or solvents.
- **Replacement:** If the sensor is damaged or suspected to be faulty, replace it with a genuine Easyricambi Air Flow Sensor (Model 2272601).

7. TROUBLESHOOTING

If your pellet stove exhibits issues related to air flow or combustion, the air flow sensor might be a contributing factor. Consult your stove's manual for specific error codes related to air flow.

- **Stove Not Operating Optimally:** If the stove is not burning pellets efficiently or producing excessive smoke, the air flow sensor might be providing incorrect readings.
- **Error Codes:** Many pellet stoves display specific error codes for sensor malfunctions. Refer to your stove's user manual to interpret these codes.
- **Check Connections:** Ensure the sensor's cable is securely connected and free from damage.
- **Sensor Obstruction:** Check if the sensor's air intake or sensing element is blocked by ash or debris.
- **Replacement:** If troubleshooting steps do not resolve the issue, the sensor may be faulty and require replacement.

8. SPECIFICATIONS

Brand	Easyricambi
Model Number	2272601
Product Dimensions (Sensor)	Length: 15 mm; Height: 55 mm; Thickness: 50 mm
Shipping Dimensions	11.3 x 8.1 x 3 cm
Weight (Shipping)	40 grams
Installation Type	Flange Mount
Specific Product Uses	Heating or maintenance of pellet stoves

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact your retailer. Easyricambi strives to provide high-quality components for pellet stove maintenance and performance.

For further assistance, you may also visit the official Easyricambi website or contact their customer service department.