

DIANFLEX\_8033408965864

# Pellet Stove Flue Pipe Reducer Instruction Manual

Model: DIANFLEX\_8033408965864 | Brand: Generic

## 1. PRODUCT OVERVIEW

This document provides essential instructions for the safe and effective use of the enameled black glass pellet stove flue pipe reducer. It is designed to connect an 80mm male pipe to a 100mm female pipe, ensuring a secure and efficient exhaust system for your pellet stove.



Image 1.1: Enameled black pellet stove flue pipe reducer. This image shows the component designed to adapt an 80mm male connection to a 100mm female connection in a pellet stove flue system.

The pipe features a V2 corrosion resistance class and is constructed from single-wall carbon steel with a thickness of 0.8

mm. An integrated HT silicone gasket ensures a tight seal and high-temperature resistance.

## 2. SAFETY INFORMATION

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Please read and understand all safety warnings before installation and use. Failure to follow these instructions may result in property damage, serious injury, or death.

- **Professional Installation Recommended:** Installation of flue pipes should ideally be performed by a qualified professional to ensure compliance with local building codes and safety standards.
- **Inspect for Damage:** Before installation, carefully inspect the pipe for any signs of damage. Do not install damaged components.
- **Proper Sealing:** Ensure all connections are properly sealed to prevent smoke and carbon monoxide leaks. The integrated silicone gasket aids in this, but additional sealing may be required based on local regulations.
- **Ventilation:** Ensure adequate ventilation in the area where the pellet stove is installed.
- **Clearances:** Maintain proper clearances to combustible materials as specified by the pellet stove manufacturer and local codes.
- **High Temperatures:** Flue pipes become extremely hot during operation. Avoid contact and keep children and pets away.

## 3. SETUP AND INSTALLATION

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This reducer is designed to connect an 80mm male flue pipe section to a 100mm female flue pipe section. Ensure compatibility with your existing pellet stove and flue system components.

1. **Preparation:** Ensure all connecting pipe sections are clean and free from debris.
2. **Connection:** Carefully slide the 80mm male end of the reducer onto the 80mm female outlet of the pellet stove or preceding pipe section.
3. **Second Connection:** Connect the 100mm female end of the reducer to the 100mm male inlet of the next flue pipe section.
4. **Secure Connections:** Ensure all connections are firm and stable. The integrated HT silicone gasket provides a seal, but additional clamps or sealing compounds may be required based on local regulations and manufacturer recommendations for the overall flue system.
5. **Final Check:** Verify that the entire flue system is correctly assembled, securely fastened, and free from any obstructions or potential leaks before operating the pellet stove.

## 4. OPERATING GUIDELINES

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Once installed, the flue pipe reducer operates as an integral part of your pellet stove's exhaust system. No specific operational steps are required for the reducer itself beyond ensuring proper installation.

- Always follow the operating instructions provided by your pellet stove manufacturer.
- Regularly check the flue system for any signs of smoke leakage during stove operation.
- Ensure the flue system is not blocked by soot or other debris, which can impair stove performance and create safety hazards.

## 5. MAINTENANCE

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Regular maintenance of your flue pipe system is crucial for safety and efficiency.

- **Inspection:** Periodically inspect the reducer and all flue pipe connections for signs of wear, corrosion, or damage. Check for any soot buildup or blockages.
- **Cleaning:** The entire flue system, including this reducer, should be cleaned regularly by a qualified chimney sweep. The frequency of cleaning depends on the usage of your pellet stove and the type of pellets burned.

- **Gasket Check:** Inspect the silicone gasket for any signs of degradation or cracking. While designed for high temperatures, gaskets can wear over time and may need replacement to maintain a proper seal.
- **Damage:** If any damage is observed, replace the affected component immediately. Do not attempt to repair damaged flue pipes.

## 6. TROUBLESHOOTING

Most issues related to flue pipes are associated with improper installation or lack of maintenance.

Problem	Possible Cause	Solution
Smoke leakage at connection points	Loose connection, damaged gasket, improper sealing	Ensure connections are tight. Inspect and replace gasket if damaged. Apply appropriate high-temperature sealant if necessary.
Poor stove draft or performance	Flue blockage (soot, debris), improper installation leading to air leaks	Clean the entire flue system. Check all connections for air leaks and seal them. Consult a professional if the problem persists.
Visible corrosion or rust	Exposure to excessive moisture, prolonged use, damage to enamel coating	While the pipe has V2 corrosion resistance, severe conditions can cause issues. Replace the component if corrosion is significant to prevent structural failure.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	DIANFLEX_8033408965864
Manufacturer	Generic
Type	Pellet Stove Flue Pipe Reducer (Adapter)
Connection Sizes	80mm Male to 100mm Female
Material	Single-wall Carbon Steel, Enameled (Glass Porcelain)
Thickness	0.8 mm
Corrosion Resistance Class	V2
Gasket	Integrated HT Silicone Gasket
Item Weight	200 g
Package Dimensions	20 x 20 x 20 cm

## 8. WARRANTY INFORMATION

Warranty terms and conditions for this product are typically provided by the seller or manufacturer at the time of purchase. Please refer to your purchase documentation or contact the retailer for specific warranty details. Keep your proof of purchase for any warranty claims.

## 9. SUPPORT

For technical assistance, installation queries, or troubleshooting beyond the scope of this manual, please contact the seller

or the product manufacturer. Provide your model number and purchase details when seeking support.

**Seller:** Idroweb (as per Amazon purchase information)

**Amazon ASIN:** B08YRBRYRN