

DOMETIC EK 85 Flat Seal

Dometic Cramer Stove EK 85 Flat Seal Instruction Manual

Model: EK 85 Flat Seal | Item Model Number: FREC-31834 | Manufacturer Part Number:
407144840/3

1. INTRODUCTION

This manual provides essential information for the proper installation, function, and maintenance of your Dometic Cramer Stove EK 85 Flat Seal. This product is a critical component designed to ensure a secure and efficient seal for Dometic Cramer EK 85 stainless steel stove models. Adhering to these instructions will help maintain the performance and safety of your appliance.

2. SETUP AND INSTALLATION

Proper installation of the flat seal is crucial for preventing leaks and ensuring the safe operation of your Dometic Cramer EK 85 stove. Follow these steps carefully:

- Safety First:** Ensure the stove is completely turned off, disconnected from its power/gas source, and has cooled down before beginning any work.
- Access the Sealing Area:** Depending on your specific stove model, you may need to remove certain components to gain access to the area where the flat seal is installed. Refer to your stove's primary instruction manual for disassembly guidance.
- Remove Old Seal (if applicable):** Carefully remove any existing or damaged seal. Note its orientation and position for reference.
- Clean Sealing Surfaces:** Thoroughly clean both surfaces where the new flat seal will be placed. Ensure they are free from dirt, grease, old sealant residue, and any other debris. A clean surface is vital for a proper seal.
- Position the New Seal:** Place the new Dometic Cramer EK 85 Flat Seal onto the designated groove or

surface. Ensure it sits evenly and without twists or kinks. The seal should fit snugly.

6. **Reassemble:** Carefully reassemble any stove components that were removed. Ensure all screws and fasteners are tightened according to the stove's original specifications. Avoid over-tightening, which could damage the seal or stove components.
7. **Leak Test (Gas Stoves):** If your stove uses gas, perform a leak test according to your stove's primary manual before resuming normal operation. This typically involves applying a soapy water solution to connections and observing for bubbles.



Image 1: Close-up of the Dometic Cramer EK 85 Flat Seal. This image shows the detailed texture and precise cut of a single seal, highlighting its quality and design for a perfect fit.

3. OPERATING PRINCIPLES

The Dometic Cramer EK 85 Flat Seal is a passive component designed to create a tight barrier between two surfaces within your stove. Its primary function is to prevent the escape of gas or heat, ensuring the stove operates safely and efficiently. Once correctly installed, the seal maintains its integrity under normal operating conditions, contributing to optimal cooking performance and energy conservation.

4. MAINTENANCE

Regular inspection and proper maintenance will extend the life of your flat seal and ensure continued safe operation of your stove.

- **Periodic Inspection:** Visually inspect the seal periodically for any signs of wear, cracking, hardening, or

damage. Pay attention to areas exposed to heat or stress.

- **Cleaning:** If accessible, gently wipe the seal with a damp cloth to remove any accumulated food particles or debris. Avoid using harsh chemicals or abrasive cleaners, as these can degrade the seal material.
- **Replacement:** If the seal shows any signs of damage, wear, or if you suspect a leak, it must be replaced immediately. A damaged seal compromises safety and stove efficiency. It is recommended to keep a spare seal for timely replacement.



Image 2: Multiple Dometic Cramer EK 85 Flat Seals. This image illustrates the product in quantity, useful for understanding replacement needs or bulk purchases.

5. TROUBLESHOOTING

If you experience issues related to sealing, consider the following troubleshooting steps:

- **Gas Leak (for gas stoves):** If you detect a gas odor or a leak during a soapy water test, immediately turn off the gas supply. The seal may be improperly installed, damaged, or worn. Re-inspect the installation, clean the surfaces, or replace the seal. **Do not operate the stove if a gas leak is suspected.**
- **Inefficient Heating / Heat Loss:** If your stove is not heating efficiently or you notice heat escaping from areas that should be sealed, the flat seal might not be providing an adequate barrier. Inspect the seal for damage or improper seating and replace if necessary.
- **Visible Damage:** Any visible cracks, tears, hardening, or deformation of the seal indicates it needs

immediate replacement.

Always prioritize safety. If you are unsure about any repair or suspect a gas leak, consult a qualified technician or Dometic customer support.

6. SPECIFICATIONS

Specification	Detail
Manufacturer	Dometic
Brand	DOMETIC
Component Type	Flat Seal for Stove
Product Dimensions	25 x 18 x 20 cm (packaging); 1 kg (packaging)
Item Model Number	FREC-31834
Manufacturer Part Number	407144840/3
Item Weight	1 Kilogram (packaging)
Assembly Required	No (for the seal itself)
ASIN	B00JB2NQBI
First Available Date	January 15, 2020

7. WARRANTY AND SUPPORT

Warranty information for the Dometic Cramer Stove EK 85 Flat Seal is typically provided with the original Dometic Cramer stove or can be obtained directly from Dometic. Please retain your purchase receipt for warranty claims.

For further assistance, technical support, or to inquire about replacement parts, please contact Dometic customer service or visit their official website:

[Visit the Dometic Store on Amazon](#)