

Dometic 3313470.002

Dometic Refrigerator Cooling Unit Instruction Manual

MODEL: 3313470.002

For Dometic RM265, RM3662, RM3663 Refrigerators (Serial No. 203XXXXX and Prior)

1. Product Overview

This manual provides essential information for the proper installation, operation, and maintenance of your Dometic 3313470.002 Refrigerator Cooling Unit. This unit is designed for specific Dometic refrigerator models, including RM265, RM3662, and RM3663, particularly those with serial numbers 203XXXXX and prior. Adhering to these instructions will help ensure optimal performance and longevity of the cooling unit.



Figure 1: Dometic 3313470.002 Refrigerator Cooling Unit. This image displays the complete cooling unit, highlighting its primary components and overall structure. It is a replacement part designed to restore cooling functionality to compatible Dometic refrigerators.

2. Setup and Installation

The Dometic 3313470.002 Refrigerator Cooling Unit is a critical component requiring precise installation. It is strongly recommended that installation be performed by a qualified service technician to ensure safety and proper function.

- **Compatibility Check:** Verify that your refrigerator model is RM265, RM3662, or RM3663, and that its serial number falls within the specified range (203XXXXX and prior). Incorrect compatibility can lead to malfunction.
- **Safety Precautions:** Before beginning any installation, ensure the refrigerator is disconnected from all power sources (AC, DC, and LP gas). Follow all local and national safety codes.
- **Refer to Manufacturer Guidelines:** Always consult the detailed installation instructions provided by Dometic for your specific refrigerator model. These guidelines contain critical steps for removing the old unit and installing the new one, including refrigerant handling and sealing procedures.

- **Leak Testing:** After installation, perform thorough leak tests for both the refrigerant and LP gas systems (if applicable) before operating the unit.

3. Operating Instructions

Once the cooling unit is correctly installed and all connections are secure, the refrigerator can be operated according to its original user manual. The cooling unit functions automatically to maintain the set temperature within the refrigerator compartment.

- **Power Source Selection:** Ensure the refrigerator is connected to a suitable power source (AC, DC, or LP gas) as per your refrigerator's design and your current needs.
- **Temperature Settings:** Adjust the refrigerator's thermostat to your desired cooling level. Allow several hours for the unit to reach the stable operating temperature.
- **Ventilation:** Ensure adequate ventilation around the refrigerator's exterior vents to allow for proper heat dissipation from the cooling unit. Blocked vents can reduce efficiency.

4. Maintenance

Regular maintenance helps ensure the efficient and reliable operation of your Dometic cooling unit.

- **Ventilation Grilles:** Periodically clean the exterior ventilation grilles to remove dust, debris, and insect nests. Obstructions can impair cooling performance.
- **Condenser Coils:** If accessible, gently clean the condenser coils at the rear of the refrigerator to remove dust buildup. Use a soft brush or vacuum cleaner.
- **Door Seals:** Inspect refrigerator door seals for damage or gaps. Proper seals are crucial for maintaining internal temperature.
- **Winterization:** If the refrigerator is to be stored in freezing temperatures, follow Dometic's winterization procedures to prevent damage to the cooling system.

5. Troubleshooting

If your refrigerator is not cooling properly after the cooling unit replacement, consider the following common issues:

Problem	Possible Cause	Solution
Refrigerator not cooling	◦ No power to the unit	◦ Check power connections and fuses.
	◦ Blocked ventilation	◦ Clear all vents.
	◦ Incorrect thermostat setting	◦ Adjust thermostat to a colder setting.
	◦ Refrigerant leak (unlikely if new unit)	◦ Contact a qualified technician.
Excessive noise	◦ Loose components	◦ Inspect for loose parts.
	◦ Unit not level	◦ Ensure refrigerator is level.

For persistent issues or complex problems, it is recommended to contact Dometic customer support or a certified service technician.

6. Specifications

Brand	Dometic
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Model Number	3313470.002
Compatible Refrigerator Models	RM265, RM3662, RM3663 (Serial No. 203XXXXX and Prior)
Item Weight	58 pounds
Product Dimensions	64 x 32 x 21 inches
Manufacturer Part Number	3313470002

7. Warranty and Support

For information regarding the warranty of your Dometic 3313470.002 Refrigerator Cooling Unit, please refer to the warranty documentation included with your purchase or visit the official Dometic website. Dometic provides customer support for product inquiries, technical assistance, and service requests.

Contact Dometic Support:

- Visit the [Dometic Support Website](#) for FAQs, service center locators, and contact information.
- Have your model number (3313470.002) and refrigerator serial number ready when contacting support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

