

Dometic CRX0050T

Dometic CoolMatic CRX 50-45L Refrigerator User Manual

Model: CRX0050T

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation of your Dometic CoolMatic CRX 50-45L refrigerator. Please read these instructions carefully before installation and use, and keep them for future reference. The Dometic CoolMatic CRX series offers versatile cooling solutions, featuring a patented removable freezer compartment for flexible storage options.

2. SAFETY INSTRUCTIONS

Observe all safety warnings and instructions to prevent injury or damage. Improper installation, use, or maintenance can lead to hazards.

- Ensure the appliance is installed by qualified personnel in accordance with local regulations.
- Verify that the power supply voltage matches the rating on the appliance's label.
- Do not operate the appliance if it is visibly damaged.
- Keep ventilation openings clear of obstructions.
- Do not store explosive substances or aerosols with flammable propellants in the appliance.
- Disconnect the power supply before cleaning or maintenance.
- Repairs should only be performed by authorized service personnel.

3. PRODUCT OVERVIEW

3.1 Key Features

- Patented removable freezer compartment for flexible use as a fridge, freezer, or both.
- Soft-touch control panel with integrated LED light for easy temperature adjustment.
- Energy-efficient compressor with speed control, reducing power consumption by up to 25%.

- Bevelled edge design on the backside for optimized space utilization in vehicles or boats.
- Minimal noise operation due to automatic fan speed adjustment based on ambient temperature.

3.2 Components



This image displays the Dometic CoolMatic CRX 50-45L refrigerator with its door open. Inside, several cans of beverages are visible on the lower shelf, and food containers are on the upper shelf. The interior is white with blue-tinted shelves, and the exterior is black.

The Dometic CoolMatic CRX 50-45L refrigerator typically includes:

- Refrigerator cabinet with door
- Removable freezer compartment
- Adjustable shelves
- Door bins/racks
- Soft-touch control panel (integrated into the inner wall)
- LED interior light
- Power cable (DC)

4. SETUP

4.1 Installation

1. **Placement:** Choose a location that is level, stable, and provides adequate ventilation around the appliance. Ensure sufficient space for the door to open fully.
2. **Ventilation:** Maintain clear airflow around the compressor unit. Blocked vents can lead to reduced efficiency and increased power consumption.
3. **Power Connection:** Connect the refrigerator to a suitable DC power source (12/24V) as specified in the technical data. Ensure the wiring is correctly sized and fused.
4. **Door Reversal (Optional):** If desired, the door hinge can be reversed to open from the opposite side. Refer to the detailed installation guide for specific instructions.

4.2 Initial Use

1. After installation, wait at least 1 hour before connecting the appliance to power. This allows refrigerants to settle.
2. Clean the interior with a damp cloth and mild detergent before first use.
3. Connect the refrigerator to the power supply. The interior LED light should illuminate when the door is opened.
4. Set the desired temperature using the control panel. Allow several hours for the refrigerator to reach the set temperature before loading with food.

5. OPERATING INSTRUCTIONS

5.1 Control Panel

The soft-touch control panel is located flush within the inner wall of the refrigerator. It allows you to:

- Turn the appliance on/off.
- Adjust the temperature setting.
- View the current temperature.

Refer to the detailed operating instructions for specific button functions and display indicators.

5.2 Temperature Settings

Press the temperature adjustment button on the control panel to cycle through available temperature settings. The LED display will indicate the selected setting. For optimal food preservation, a temperature between 3°C and 7°C (37°F and 45°F) is generally recommended for the refrigerator compartment.

5.3 Removable Freezer Compartment

The Dometic CoolMatic CRX 50-45L features a patented removable freezer compartment, offering flexibility:

- **Fridge Only:** Remove the freezer compartment to maximize refrigeration space.
- **Freezer Only:** If the entire unit is set to a freezing temperature, the main compartment acts as a freezer.
- **Fridge and Freezer:** Keep the freezer compartment installed for dual-zone functionality.

To remove the freezer compartment, gently pull it out from its housing. Ensure the appliance is switched off

before performing this action.

6. MAINTENANCE

6.1 Cleaning

Regular cleaning helps maintain hygiene and efficiency. Always disconnect the power supply before cleaning.

- Clean the interior and exterior surfaces with a soft cloth and a mild, non-abrasive detergent.
- Avoid using harsh chemicals, abrasive cleaners, or sharp objects that could damage surfaces.
- Wipe down door seals regularly to ensure a tight seal.
- Clean the condenser coils (located at the back or bottom) periodically with a soft brush or vacuum cleaner to remove dust and debris, which improves cooling efficiency.

6.2 Defrosting

The Dometic CoolMatic CRX 50-45L features an automatic defrost system for the refrigerator compartment. However, if ice builds up excessively in the freezer compartment, manual defrosting may be required:

1. Turn off the appliance and disconnect it from the power supply.
2. Remove all food items and place them in a cooler.
3. Leave the door open to allow ice to melt naturally. Do not use sharp objects or heating devices to speed up defrosting.
4. Wipe away melted water with a cloth.
5. Once defrosted and dry, reconnect power and return food items.

7. TROUBLESHOOTING

If you experience issues with your refrigerator, consult the following table before contacting service.

Problem	Possible Cause	Solution
Appliance does not turn on.	No power supply; Blown fuse; Loose connection.	Check power connection; Inspect fuse; Secure connections.
Refrigerator is not cooling sufficiently.	Door not closed properly; Excessive food load; Poor ventilation; High ambient temperature; Incorrect temperature setting.	Ensure door is sealed; Reduce load; Clear vents; Adjust temperature setting.
Appliance is too noisy.	Unit not level; Objects vibrating against the unit; Fan obstruction.	Ensure unit is level; Remove vibrating objects; Check for fan obstructions.
Excessive power consumption.	Poor ventilation; Frequent door openings; High ambient temperature; Dirty condenser coils.	Ensure adequate ventilation; Minimize door openings; Clean condenser coils.

8. SPECIFICATIONS

Attribute	Value
Brand	Dometic
Model Number	CRX0050T
Product Dimensions	60.45 x 52.4 x 124.46 cm; 17 kg (or 96.8D x 127.1W x 135.5H Centimetres)
Capacity	4.4 Liters (Freezer Storage)
Configuration	Compact Freezer-on-Top
Colour	Silver
Special Feature	Removable Shelf
Installation Type	Freestanding
Defrost System	Automatic
Finish Type	Metallic
Manufacturer	DOMETIC


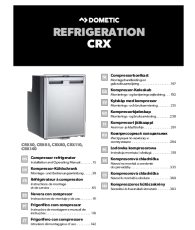
Note: Specifications are subject to change without notice. Refer to the product label for the most accurate information.

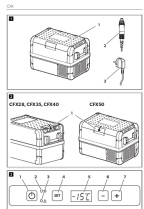



9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Dometic website. If you require technical assistance, spare parts, or service, please contact Dometic customer support directly. Have your model number (CRX0050T) and purchase details ready when contacting support.

Dometic Official Website: www.dometic.com

Related Documents - CRX0050T

	<p>Dometic Refrigerators Buying Guide for RVs and Campervans</p> <p>A comprehensive guide from Dometic to help RV and campervan owners select the ideal refrigerator, covering absorption and compressor technologies, energy sources, and various model series for mobile living.</p>
	<p>Dometic CRX Series Refrigerator Installation and Operating Manual</p> <p>This manual provides comprehensive installation and operating instructions for the Dometic CRX series refrigerators, including models CRX 50, CRX 65, CRX 80, CRX 110, and CRX 140. It covers essential safety guidelines, technical descriptions, installation procedures, usage tips, and troubleshooting.</p>

 <p>The cover of the Dometic CFX Portable Refrigerator/Freezer User Manual features three diagrams: a top-down view of the unit, a side view, and a front view. Below these diagrams is a small table of contents.</p>	<p>Dometic CFX Portable Refrigerator/Freezer User Manual</p> <p>Comprehensive user manual for the Dometic CFX series of portable refrigerators and freezers, detailing features, operation, safety instructions, troubleshooting, and specifications.</p>
 <p>The cover of the Dometic Coolmatic CRP 40: Installation and Operating Manual features a black background with the Dometic logo and the text 'REFRIGERATION COOLMATIC'. Below this is a small image of the refrigerator and a table of contents.</p>	<p>Dometic Coolmatic CRP 40: Installation and Operating Manual</p> <p>This manual provides comprehensive instructions for the Dometic Coolmatic CRP 40 refrigerator, covering installation, operation, safety, maintenance, and troubleshooting. Ensure optimal performance and longevity for your Dometic appliance.</p>
 <p>The cover of the Dometic Coolmatic CB36/CB40 Compressor Refrigerator Manual features a black background with the Dometic logo and the text 'REFRIGERATION COOLMATIC'. Below this is a small image of the refrigerator and a table of contents.</p>	<p>Dometic Coolmatic CB36/CB40 Compressor Refrigerator Manual</p> <p>Comprehensive guide for Dometic Coolmatic CB36 and CB40 compressor refrigerators, covering installation, operation, safety, and maintenance for mobile use in RVs, boats, and camping.</p>
 <p>The cover of the Dometic Coolmatic HDC195 Compressor Refrigerator: Installation and Operating Manual features a black background with the Dometic logo and the text 'REFRIGERATION COOLMATIC'. Below this is a small image of the refrigerator and a table of contents.</p>	<p>Dometic Coolmatic HDC195 Compressor Refrigerator: Installation and Operating Manual</p> <p>Comprehensive installation and operating manual for the Dometic Coolmatic HDC195 compressor refrigerator. Covers safety instructions, scope of delivery, intended use, technical description, installation, operation, cleaning, maintenance, warranty, disposal, troubleshooting, and technical data.</p>