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› Dometic CFX 40 Compressor Cooler User Manual

Dometic CFX 40

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Model: CFX 40

1. INTRODUCTION

Welcome to the Dometic CFX 40 user manual. This portable compressor cooler is designed for reliable cooling and freezing in various mobile environments, including cars, trucks, boats, and campers. It offers efficient performance with a capacity of 36 liters and can reach temperatures as low as -22 °C. This manual provides essential information for the safe and effective use of your Dometic CFX 40.

2. SAFETY INFORMATION

Please read this manual carefully before operating the Dometic CFX 40. Failure to follow these instructions may result in product damage or personal injury. Keep this manual for future reference.

- Ensure the power supply voltage matches the specifications on the product label.
- Do not operate the cooler if it appears damaged.
- Keep ventilation openings clear of obstructions to prevent overheating.
- Do not use electrical devices inside the cooler unless they are recommended by the manufacturer.
- Avoid contact with moving parts, such as the fan.
- Disconnect from power before cleaning or performing any maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

3. PRODUCT OVERVIEW

The Dometic CFX 40 is a robust portable compressor cooler designed for demanding outdoor and mobile use. Below are key features and components.



Figure 1: Dometic CFX 40 main unit with lid open, revealing internal storage and several water bottles.

Control Panel

The intuitive control panel allows you to adjust settings and monitor the cooler's operational status and temperature.



Figure 2: Detailed view of the control panel, showing the power button, 'SET' button, and digital temperature readout.

Robust Design Features

The cooler features reinforced corners and sturdy handles for enhanced durability and ease of transport in challenging environments.



Figure 3: Reinforced corner and robust handle attachment, highlighting the cooler's durable construction.

Internal Storage and USB Port

The interior includes a removable wire basket for organized storage, and an integrated USB port allows for charging small electronic devices.

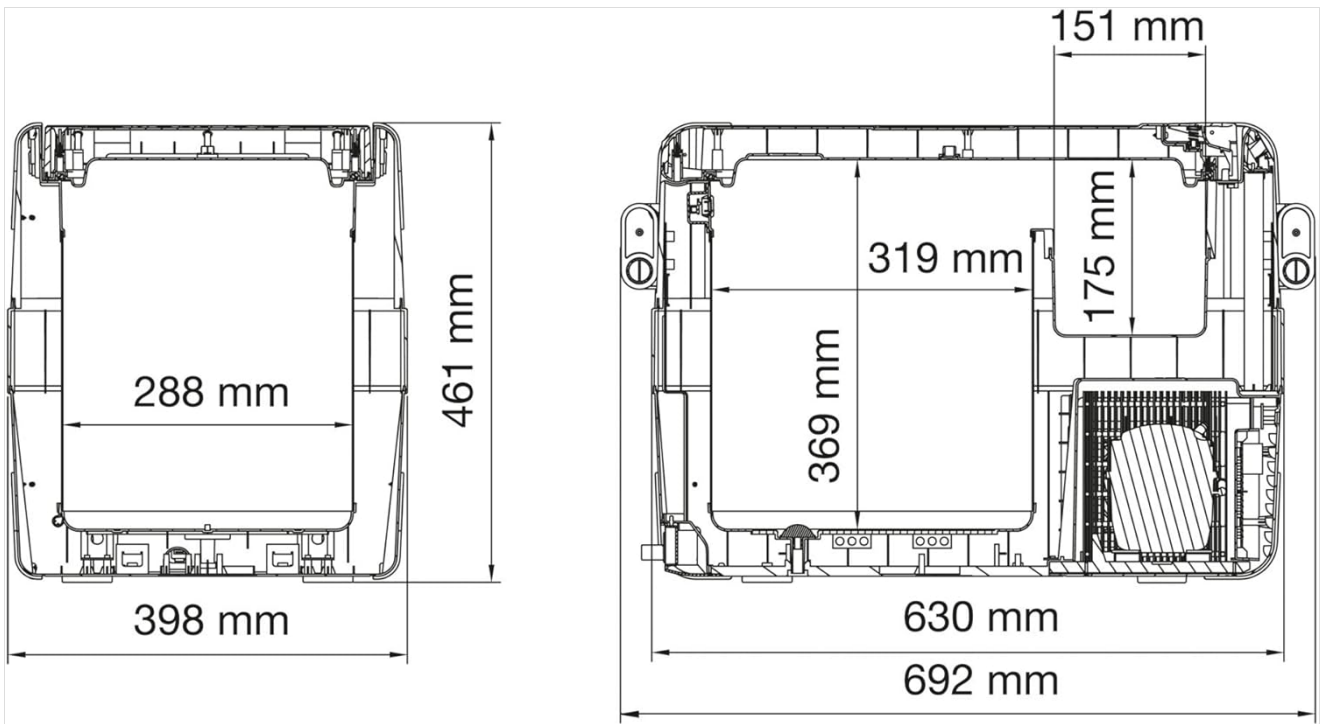


Figure 4: Interior of the cooler with a wire basket, demonstrating efficient storage for food and beverages.



Figure 5: Integrated USB port for convenient charging of external devices.

Dimensions

Refer to the diagram for detailed product dimensions to ensure proper fit and placement.



Figure 6: Dimensional drawing of the Dometic CFX 40, indicating length, width, and height in millimeters.

4. SETUP

Unpacking

Remove all packaging materials. Inspect the cooler for any damage incurred during transit. If damage is found, contact your retailer immediately and do not operate the unit.

Initial Cleaning

Before first use, clean the interior and exterior of the cooler with a damp cloth and a mild, non-abrasive detergent. Dry thoroughly to prevent odors and ensure hygiene.

Power Connection

The Dometic CFX 40 can be powered by 12V/24V DC (direct current) from a vehicle or 100V-240V AC (alternating current) from a mains power supply. Use the appropriate power cable provided with your unit.

- **DC Connection:** Plug the 12V/24V cable into your vehicle's cigarette lighter socket or a dedicated DC power outlet. Ensure

the connection is secure.

- **AC Connection:** Plug the 230V cable into a standard wall outlet.

Always ensure the power source is stable and capable of supplying the required current for optimal performance.

Placement

Place the cooler on a firm, level surface. Ensure adequate ventilation around the unit, especially around the compressor area and air vents. Avoid direct sunlight and proximity to heat sources to maximize cooling efficiency and minimize power consumption.

5. OPERATING INSTRUCTIONS

Powering On/Off

To turn the unit on or off, press the power button (**U**) located on the control panel.

Setting Temperature

Follow these steps to adjust the desired temperature:

1. Press the 'SET' button. The current temperature display will flash.
2. Use the '+' and '-' buttons to increase or decrease the desired temperature. The Dometic CFX 40 can achieve temperatures as low as -22 °C.
3. Press 'SET' again or wait a few seconds for the new temperature setting to be saved. The display will return to showing the actual internal temperature.

Battery Protection System

The cooler incorporates a 3-level battery monitor system to prevent excessive discharge of your vehicle's battery. You can select between 'High', 'Medium', and 'Low' protection levels via the control panel settings. Refer to the comprehensive Dometic CFX manual for detailed instructions on adjusting battery protection levels to suit your specific power source.

USB Charging Port

The integrated USB port (5V, 500mA) provides a convenient charging point for small electronic devices such as smartphones or tablets when the cooler is powered on.

6. MAINTENANCE

Cleaning

Regular cleaning ensures optimal performance and hygiene:

- Always disconnect the cooler from the power supply before cleaning.
- Clean the interior regularly with a damp cloth and a mild, non-abrasive detergent. Avoid using harsh chemicals or abrasive cleaning agents.
- Wipe the exterior with a damp cloth.
- Ensure the ventilation grilles are free of dust and debris. Use a soft brush or vacuum cleaner if necessary.

Defrosting

Frost can accumulate inside the cooler, particularly when operating at freezing temperatures. To defrost the unit:

1. Turn off the cooler and disconnect it from all power supplies.
2. Remove all contents from the cooler.
3. Open the lid and allow the frost to melt naturally. You may place a towel inside to absorb the melting water.
4. The cooler is equipped with a drain plug at the bottom for easy water removal. Open the plug to drain water.
5. Once defrosted, clean and dry the interior thoroughly before restarting the unit.

7. TROUBLESHOOTING

If you encounter issues with your Dometic CFX 40, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Cooler does not turn on.	No power supply; faulty cable; low battery voltage.	Check power connection; try a different outlet/cable; check vehicle battery charge. Adjust battery protection setting to 'Low' if necessary.
Cooling performance is poor.	Insufficient ventilation; ambient temperature too high; lid not closed properly; excessive frost buildup.	Ensure clear ventilation around the unit; move cooler to a cooler location; close lid securely; defrost the unit if necessary.
Display shows an error code.	Internal fault; sensor issue; power supply problem.	Consult the full Dometic CFX manual for specific error code meanings. If the issue persists, contact customer support.
Unusual noise during operation.	Unit not level; fan obstruction; compressor issue.	Place on a level surface; check for obstructions in the fan area. If noise persists or is severe, contact support.

8. SPECIFICATIONS

The following table outlines the key technical specifications for the Dometic CFX 40 compressor cooler:

Feature	Specification
Model Name	CFX 40
Capacity (Freezing)	36 Liters
Capacity (Fresh Food)	38 Liters
Dimensions (L x W x H)	63.0 cm x 39.8 cm x 46.1 cm (main body, based on diagram)
Weight	18.5 Kilograms
Voltage	12V/24V DC, 100V-240V AC
Cooling Method	Compressor
Temperature Control	Adjustable, down to -22 °C
USB Output	Yes (5V, 500mA)
Defrost System	Automatic
Energy Consumption (Annual)	37 kWh/year
Manufacturer	WAECO (Dometic)

9. WARRANTY AND SUPPORT

Warranty Information

The Dometic CFX 40 compressor cooler comes with a **2-year warranty** from the date of purchase. Please retain your proof of purchase for all warranty claims. The warranty covers manufacturing defects and material faults under normal use conditions. For full terms and conditions, please refer to the warranty card included with your product or visit the Dometic website.

Customer Support

For technical assistance, spare parts, or warranty inquiries, please contact Dometic customer support or your authorized dealer. You can find contact information on the official Dometic website or in the documentation provided with your product.

For more information, visit the official Dometic website: www.dometic.com