

DOMETIC CD20DC

Dometic CD 20 Compressor Refrigerator

INSTRUCTION MANUAL

1. Safety Instructions

Please read these instructions carefully before installing and using the Dometic CD 20 compressor refrigerator. Failure to follow these safety guidelines may result in product damage, personal injury, or property damage. Keep this manual for future reference.

General Safety

- This appliance is intended for cooling and freezing food.
- Do not operate the appliance if it is visibly damaged.
- Ensure the appliance is installed on a firm, level surface to prevent tipping.
- Keep ventilation openings clear of obstructions.
- Do not use electrical devices inside the refrigerator unless they are recommended by the manufacturer.
- Do not store explosive substances, such as aerosol cans with flammable propellants, in this appliance.

Electrical Safety

- Ensure the power supply voltage matches the rating on the appliance label.
- Do not immerse the appliance in water or other liquids.
- Never pull the power cable to disconnect the plug. Grasp the plug itself.
- If the power cable is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Disconnect the power supply before cleaning or performing maintenance.

2. Product Overview

The Dometic CD 20 is a compact 20-liter compressor refrigerator designed for efficient cooling in limited spaces. Its drawer-style access makes it convenient for use in vehicles, boats, or small living areas.



Figure 1: Front view of the Dometic CD 20 compressor refrigerator in its closed position. The unit features a sleek black exterior with a silver Dometic branded handle.



Figure 2: The Dometic CD 20 refrigerator with its drawer partially open, revealing the interior storage compartment. The drawer slides out smoothly for easy access to contents.



Figure 3: A close-up view of the silver handle on the Dometic CD 20 refrigerator, featuring the Dometic logo prominently displayed.



Figure 4: An interior view showing the robust drawer slide mechanism of the Dometic CD 20, designed for smooth operation and durability.



Figure 5: The temperature control dial located inside the Dometic CD 20 refrigerator, with settings ranging from 'MIN' to 'MAX' and a 'SERVICE' indicator light.

3. Setup

Unpacking

- Carefully remove the refrigerator from its packaging.
- Inspect the appliance for any shipping damage. Report any damage to your supplier immediately.
- Retain the packaging materials for potential future transport or return.

Installation Location

- Choose a dry, well-ventilated location for installation.
- Avoid direct sunlight or proximity to heat sources (e.g., ovens, radiators).
- Ensure sufficient space around the appliance for proper air circulation, especially at the rear where the compressor is located.
- The appliance is designed for built-in installation. Ensure the cabinet or mounting area can support the weight

of the refrigerator when full.

Electrical Connection

- The Dometic CD 20 operates on 12/24V DC power.
- Connect the appliance directly to a suitable DC power source (e.g., vehicle battery) using appropriate wiring and fusing.
- Ensure the polarity is correct: positive to positive, negative to negative. Incorrect polarity can damage the unit.
- If extending the power cable, use wires of adequate gauge to prevent voltage drop, which can affect performance. Consult a qualified technician if unsure.

4. Operating Instructions

Turning On/Off

- To turn on the refrigerator, ensure it is properly connected to a power source. The unit will typically start automatically.
- To turn off, disconnect the power supply.

Temperature Control

- The temperature is adjusted using the control dial located inside the refrigerator (refer to Figure 5).
- Rotate the dial towards 'MAX' for colder temperatures and towards 'MIN' for warmer temperatures.
- The '0' position indicates the unit is off.
- Allow several hours for the refrigerator to reach the desired temperature after initial startup or adjustment.

Loading the Refrigerator

- Do not overload the refrigerator. Ensure there is space for air to circulate around items for efficient cooling.
- Store food in sealed containers to prevent moisture loss and odors.
- Avoid placing hot food directly into the refrigerator; allow it to cool down first.

5. Maintenance

Cleaning

- Always disconnect the power supply before cleaning.
- Clean the interior and exterior of the refrigerator regularly with a damp cloth and a mild detergent.
- Do not use abrasive cleaners, scouring pads, or harsh chemicals, as these can damage surfaces.
- Wipe dry thoroughly after cleaning.

Defrosting

- The Dometic CD 20 features automatic defrosting. However, a layer of ice may still form on the evaporator plate over time.
- If a thick layer of ice builds up, manually defrost the unit by turning it off and leaving the drawer slightly ajar.
- Place a towel or container to catch any meltwater.
- Never use sharp objects or heating devices to remove ice.

Ventilation Grilles

- Regularly check and clean the ventilation grilles to ensure proper airflow to the compressor. Dust and debris

can reduce cooling efficiency.

6. Troubleshooting

If you experience issues with your Dometic CD 20, consult the table below before contacting service.

Problem	Possible Cause	Solution
Refrigerator does not turn on.	No power supply; Blown fuse; Loose connection.	Check power connection; Check vehicle fuse; Secure all connections.
Refrigerator is not cooling sufficiently.	Temperature setting too high; Poor ventilation; Overloaded; Ambient temperature too high.	Adjust temperature dial to a colder setting; Ensure clear ventilation; Reduce contents; Move to a cooler location if possible.
Unusual noise during operation.	Appliance not level; Loose components; Normal compressor operation.	Ensure appliance is on a level surface; Check for loose items inside; Some compressor noise is normal.
Water accumulation inside.	Door not closed properly; High humidity; Defrosting.	Ensure drawer is fully closed; This can be normal during defrost cycles.

If the problem persists after attempting these solutions, please contact Dometic customer support or a qualified service technician.

7. Specifications

Key technical specifications for the Dometic CD 20 compressor refrigerator:

- **Model:** CD20DC
- **Capacity:** 20 Liters
- **Power Supply:** 12/24V DC
- **Installation Type:** Countertop / Built-in
- **Defrost System:** Automatic
- **Color:** Black
- **Item Weight:** Approximately 36.6 pounds (16.6 kg)
- **Number of Doors:** 1 (Drawer-style)

Dimensions



Figure 6: The Dometic CD 20 refrigerator with its approximate dimensions indicated: 21.16 inches (length), 19.69 inches (depth), and 14.96 inches (height).

- **Package Dimensions:** Approximately 25 x 20 x 12 inches

8. Warranty and Support

Dometic products are manufactured to high standards and come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Dometic website.

For technical support, spare parts, or service inquiries, please contact Dometic customer service. Have your model number (CD20DC) and purchase date ready when contacting support.

Dometic Customer Support: Please visit www.dometic.com/en-us/support for contact information and service center locations.

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