

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Mobicool](#) /

› [Mobicool MCF32 Compressor Cooler User Manual](#)

## Mobicool MCF32

# Mobicool MCF32 Compressor Cooler User Manual

Model: MCF32 | Brand: Mobicool

## 1. PRODUCT OVERVIEW

The Mobicool MCF32 is a portable compressor cooler designed for efficient refrigeration and freezing of food and beverages. With a generous 31-liter (41-can) capacity, this unit provides reliable cooling without the need for ice, maintaining temperatures as low as 12°F (-11°C). It offers versatile power options, operating from both standard AC (household) and DC (vehicle) power sources, making it suitable for various mobile and stationary applications.



Figure 1: Mobicool MCF32 Compressor Cooler

## 2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the Mobicool MCF32 Compressor Cooler to prevent injury or damage to the unit.

- Always ensure the cooler is placed on a stable, level surface to prevent tipping.
- Provide adequate ventilation around the unit. Do not block air vents.
- Do not immerse the cooler or its electrical components in water or other liquids.
- Use only the power cables and adapters supplied by Mobicool.
- Keep the cooler away from direct heat sources and open flames.
- Do not operate the unit if the power cord or plug is damaged.
- 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.

- Disconnect the power supply before cleaning or performing any maintenance.

### 3. SETUP AND INSTALLATION

---

1. **Unpacking:** Carefully remove the cooler from its packaging. Retain packaging materials for future transport or storage.
2. **Initial Cleaning:** Before first use, wipe the interior and exterior surfaces with a damp cloth and mild detergent. Dry thoroughly.
3. **Placement:** Position the cooler in a location with sufficient airflow around all sides, especially near the ventilation grilles. Avoid direct sunlight or enclosed spaces.
4. **Power Connection:**
  - **AC Power (Household):** Connect the AC adapter to the cooler's AC input socket, then plug the power cord into a standard 100-240V AC wall outlet.
  - **DC Power (Vehicle):** Connect the DC power cable to the cooler's DC input socket, then plug the other end into a 12V/24V DC cigarette lighter socket in your vehicle. Ensure the vehicle's engine is running or the battery is sufficiently charged to prevent discharge.
5. **Initial Operation:** After connecting to power, the unit will typically power on. Allow the cooler to run for at least 30 minutes empty to reach the desired temperature before loading contents.

### 4. OPERATING INSTRUCTIONS

---

The Mobicool MCF32 features a user-friendly control panel for temperature adjustment and mode selection.

- **Power On/Off:** Press the power button to turn the unit on or off.
- **Temperature Setting:** Use the '+' and '-' buttons to adjust the desired temperature. The display will show the set temperature, then revert to the current internal temperature. The temperature range is from 12°F (-11°C) to 50°F (10°C).
- **Battery Protection Mode:** The cooler includes a battery protection system to prevent excessive discharge of your vehicle's battery. This can usually be set to High, Medium, or Low via a button or menu option (refer to specific model controls if available).
  - **High:** Disconnects power at a higher voltage, suitable for starting batteries.
  - **Medium:** Standard setting for most applications.
  - **Low:** Disconnects power at a lower voltage, suitable for deep cycle batteries.
- **Loading Contents:** For optimal performance, pre-chill items before placing them in the cooler. Avoid overfilling to allow for proper air circulation.

### 5. MAINTENANCE

---

Regular maintenance ensures the longevity and efficient operation of your Mobicool MCF32.

- **Cleaning:**
  - **Interior:** Clean the interior regularly with a damp cloth and mild, non-abrasive detergent. Rinse with clean water and dry thoroughly. Do not use harsh chemicals or abrasive cleaners.
  - **Exterior:** Wipe the exterior with a damp cloth.
- **Defrosting:** The unit features an automatic defrost system. If ice buildup occurs, turn off the unit and allow the ice to melt naturally. Drain any water and dry the interior before restarting.
- **Ventilation:** Periodically check and clean the ventilation grilles to ensure they are free from dust and debris. Use a soft brush or vacuum cleaner.

- **Storage:** When not in use for extended periods, ensure the cooler is clean, dry, and stored with the lid slightly ajar to prevent odors and mold growth. Store in a dry, well-ventilated area.

## 6. TROUBLESHOOTING

If you encounter issues with your Mobicool MCF32, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; faulty cable; vehicle battery low.	Check power connections. Ensure power outlet is functional. Check vehicle battery voltage and battery protection setting.
Unit is not cooling.	Temperature set too high; blocked vents; excessive ambient temperature; door not sealed properly.	Lower the set temperature. Ensure vents are clear. Move unit to a cooler location. Check lid seal.
Unusual noise from unit.	Unit not level; fan obstruction; normal compressor operation.	Ensure unit is on a level surface. Check for obstructions near the fan. Some compressor noise is normal.
Error code displayed.	Specific internal fault.	Note the error code and consult Mobicool customer support for further assistance.

## 7. SPECIFICATIONS

<b>Brand</b>	Mobicool
<b>Model</b>	MCF32
<b>Capacity</b>	31 Liters (approx. 41 cans)
<b>Item Weight</b>	25.1 pounds (11.39 kg)
<b>Product Dimensions (L x W x H)</b>	23 x 14.4 x 16.1 inches (58.4 x 36.6 x 40.9 cm)
<b>Cooling Method</b>	Compressor
<b>Temperature Range</b>	Down to 12°F (-11°C)
<b>Power Input</b>	AC (100-240V) and DC (12V/24V)
<b>Defrost System</b>	Automatic
<b>Special Feature</b>	Portable

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Mobicool website. Keep your proof of purchase for warranty claims.

**Mobicool Official Website:** [www.mobicool.com](http://www.mobicool.com)

