

Mobicool MCF40

Mobicool MCF40 Electric Cooler User Manual

Model: MCF40
Brand: Mobicool

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Mobicool MCF40 Electric Cooler. Please read this manual thoroughly before using the appliance and retain it for future reference.



The Mobicool MCF40 Electric Cooler, featuring a durable blue base and a white lid, designed for portable refrigeration and freezing.

SAFETY INSTRUCTIONS

- Ensure the cooler is placed on a stable, level surface.
- Do not block ventilation openings. Maintain adequate airflow around the unit.
- Avoid exposing the cooler to direct sunlight or excessive heat sources.
- Do not immerse the cooler in water or expose it to heavy rain.
- Always disconnect power before cleaning or performing maintenance.
- Keep electrical connections dry and clean.
- Do not operate the cooler 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.

SETUP

Unpacking and Initial Inspection

Carefully remove the cooler from its packaging. Inspect the unit for any signs of damage during transit. If any damage is observed, do not operate the cooler and contact customer support immediately.

Placement and Ventilation

Place the Mobicool MCF40 on a firm, level surface. Ensure there is sufficient space around the cooler for proper ventilation, especially around the compressor unit and vents. Adequate airflow is crucial for efficient cooling and to prevent overheating.

Power Connection

The MCF40 cooler offers flexible power options, allowing it to be powered from a standard household AC outlet or a vehicle's DC outlet.

- **AC Power (100-240V):** Connect the AC power cord to the cooler's AC input port and then to a wall outlet.
- **DC Power (12/24V):** Connect the DC power cord to the cooler's DC input port and then to your vehicle's 12V or 24V cigarette lighter socket.



The power input panel of the Mobicool MCF40, featuring distinct ports for AC (left) and DC (right) power connections.

For optimal performance, it is recommended to pre-chill the cooler using AC power before transferring it to DC power in a vehicle, especially for extended trips.

OPERATING INSTRUCTIONS

Control Panel Overview

The control panel is located on the top of the cooler and allows you to manage its functions.



The digital control panel of the Mobicool MCF40, showing the temperature display, power indicator, and control buttons.

- **ON/OFF Button:** Press to turn the cooler on or off.
- **SET Button:** Used to enter temperature setting mode or select battery protection level.
- **UP (+) Button:** Increases the target temperature or navigates menu options.
- **DOWN (-) Button:** Decreases the target temperature or navigates menu options.
- **Digital Display:** Shows the current internal temperature or the set temperature.
- **POWER Indicator:** Illuminates when the unit is powered on.
- **ERROR Indicator:** Illuminates if a fault occurs.

Setting the Temperature

1. Turn on the cooler by pressing the **ON/OFF** button.
2. Press the **SET** button once. The digital display will start flashing, indicating that you are in temperature setting mode.
3. Use the **UP (+)** or **DOWN (-)** buttons to adjust the desired temperature. The MCF40 can refrigerate or freeze down to 12°F (-11°C).
4. Once the desired temperature is set, wait a few seconds. The display will stop flashing and return to showing the current internal temperature, confirming the setting.

The cooler's powerful compressor technology will then work to reach and maintain the set temperature. The compressor will cycle on and off as needed, similar to a home refrigerator, to conserve energy.

Battery Protection Feature

The Mobicool MCF40 includes a battery protection system to prevent excessive discharge of your vehicle's battery when operating on DC power. This feature has multiple settings (typically High, Medium, Low) that determine the voltage cut-off point.

1. With the cooler on, press and hold the **SET** button for approximately 3 seconds until the battery protection indicator (often a small LED or a segment on the display) starts flashing.
2. Use the **UP (+)** or **DOWN (-)** buttons to cycle through the battery protection levels (e.g., H for High, M for Medium, L for Low).
3. Release the **SET** button to confirm your selection.

Recommendation: Use the 'High' setting for vehicle batteries to ensure sufficient power for engine starting. 'Medium' or 'Low' settings can be used with auxiliary or deep-cycle batteries.

Loading the Cooler

The MCF40 has a generous 40-quart (38-liter) capacity, capable of holding up to 48 standard cans. For optimal cooling efficiency, it is best to load the cooler with pre-chilled items whenever possible. Avoid overfilling to allow for proper air circulation.



The spacious interior of the Mobicool MCF40, demonstrating its capacity with multiple water bottles.



The cooler's interior, showcasing its versatility for storing different types of food items in containers.

MAINTENANCE

Cleaning the Interior

To prevent odors and maintain hygiene, clean the interior of the cooler regularly. Disconnect the power before cleaning.

- Wipe the interior surfaces with a damp cloth and a mild detergent.
- Rinse with clean water and dry thoroughly.
- Do not use abrasive cleaners, harsh chemicals, or sharp objects that could damage the interior lining.
- Ensure the cooler is completely dry before closing the lid for storage.

Cleaning the Exterior

The exterior can be wiped down with a damp cloth. For stubborn dirt, use a mild soap solution. Avoid getting water into the electrical components or ventilation openings.

Ventilation Care

Periodically check the ventilation grilles for dust and debris. Use a soft brush or vacuum cleaner to gently remove any obstructions. Clear vents ensure efficient operation and prolong the life of the compressor.

Storage

When storing the cooler for an extended period, ensure it is clean and dry. It is advisable to leave the lid slightly ajar to prevent the buildup of odors and mildew.

TROUBLESHOOTING

If you experience issues with your Mobicool MCF40, please consult the following table before contacting customer support.

Problem	Possible Cause	Solution
Cooler does not turn on.	No power supply; loose connection; blown fuse (DC).	Check power outlet/vehicle socket. Ensure cords are securely connected. Inspect the DC plug for a blown fuse and replace if necessary.
Cooler is not cooling sufficiently.	Blocked ventilation; ambient temperature too high; lid not sealed properly; overfilled.	Ensure vents are clear. Move cooler to a cooler environment. Check lid seal for obstructions. Do not overfill the cooler.
Digital display shows an error code.	Internal fault; sensor issue.	Turn off the cooler, disconnect power for a few minutes, then reconnect and restart. If the error persists, contact customer support.
Temperature displayed is inaccurate.	Sensor calibration issue or external factors.	Note that the displayed temperature may vary slightly from an external thermometer due to sensor placement. If the discrepancy is significant, contact support.
Plastic around power plug cracked.	Wear and tear; design stress point.	Handle power cords and plugs with care. Avoid forcing connections. If damage affects functionality, contact customer support for repair options.

SPECIFICATIONS

Feature	Detail
Model	MCF40
Capacity	40 Quarts (38 Liters)
Dimensions (L x W x H)	23 x 14.4 x 17.6 inches (58.4 x 36.6 x 44.7 cm)
Item Weight	25 Pounds (11.34 kg)
Power Input	AC 100-240V, DC 12/24V
Temperature Range	Refrigerate or Freeze to 12°F (-11°C)
Refrigerant	R-134A
Special Features	Powerful Compressor Technology, Portable, Battery Protection System
Color	Blue

WARRANTY AND SUPPORT

Mobicool products are designed for reliability and performance. This product is backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Mobicool website.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Mobicool customer support. Have your model number (MCF40) and purchase information ready when contacting support.

You can often find contact information on the Mobicool brand store page on Amazon or their official corporate website.



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Documents - Mobicool – MCF40

COMPRESSOR COOLER
MCF32 - MCF40



EN	Compressor cooler Operating manual	3
FR	Glacière à compression Notice d'utilisation	17
ES	Nevera por compresor Instrucciones de uso	31

⚠ WARNING
Lecteur ne lisez pas ce manuel
avant d'utiliser l'appareil.

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[pdf] User Manual Instructions

Mobicool MCF32 MCF34 DC Compressor Cooler Operation Manual 3317594 000 7 14 2020 Glacière à compression
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MCF40 mon fourgon shop EN MCF 32 40 3 Please read this manual carefully before using the cooler Keep it in a safe
place for future reference If is passed on to another person mobicool notice instructions |||
COMPRESSOR COOLER MCF32 **MCF40** EN Compressor cooler Operating manual
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lang:en score:40 filesize: 409.54 K page_count: 46 document date: 2020-10-05

COOL BOXES
MCF32, MCF 40, MCF60, FR40 AC/DC



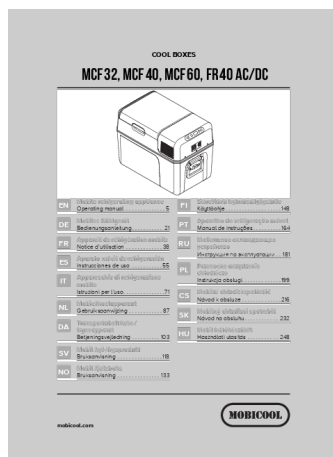
CN	Refrigeratore a compressore Istruzioni per l'uso	5
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FR	Refrigerateur à compression Notice d'utilisation	31
ES	Refrigerador a compresor Instrucciones de uso	31
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NO	Kjøleboks med kompressor Bruksanvisning	31
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HU	Hűtőszekrény kompresszorral Használati utasítás	31
AR	Refrigerador a compresor Manual de uso	31

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MCF 32, MCF 40, MCF 60, FR 40 AC/DC Mobile Refrigerating Appliance Installation and Operating Manual

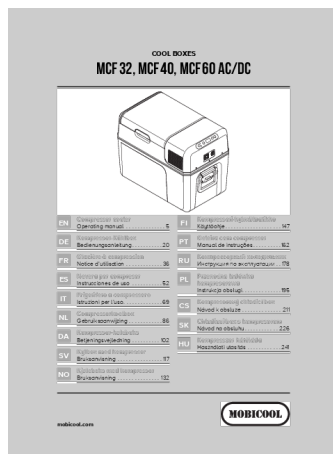
This manual provides essential information for the installation, operation, and maintenance of the Dometic MCF 32, MCF 40, MCF 60, and FR 40 AC/DC mobile refrigerating appliances. Learn about safety instructions, intended use, function descriptions, and troubleshooting.
lang:en score:40 filesize: 7.51 M page_count: 284 document date: 2022-04-28



[Mobicool MCF32, MCF40, MCF60, FR40 AC/DC Cool Boxes Operating Manual](#)

This manual provides comprehensive operating instructions for the Mobicool MCF32, MCF40, MCF60, and FR40 AC/DC cool boxes. Learn about safety instructions, intended use, function descriptions, operation, cleaning, maintenance, troubleshooting, and warranty information.

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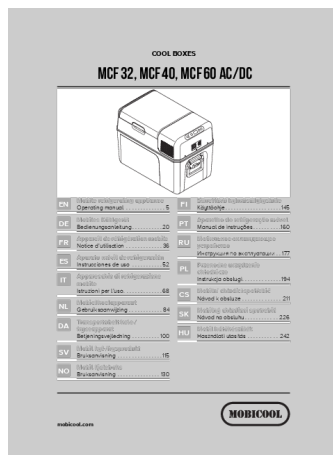


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 40, MCF 60 AC/DC...

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[Mobicool MCF32, MCF40, MCF60, FR40 AC/DC - Short Operating Manual](#)

This manual provides essential instructions for the safe and effective operation of the Mobicool MCF32, MCF40, MCF60, and FR40 AC/DC cool boxes. Learn about intended use, energy saving tips, and operating procedures for these portable refrigeration appliances.

lang:en score:30 filesize: 1.93 M page_count: 112 document date: 2022-07-12



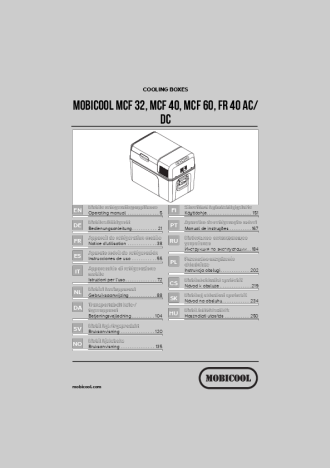
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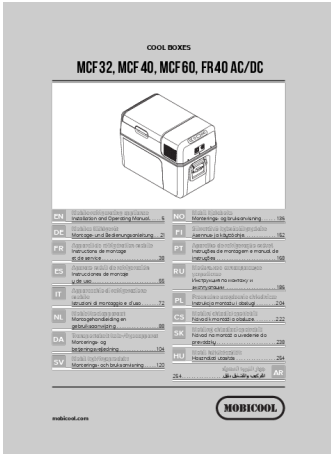
COOLING BOXES MoBICOOL MCF 32, MCF 40, MCF 60, FR 40 AC/ DC EN Mobile refrigerating appliance Oper ... trademarks mentioned in this manual belong to Dometic Sweden AB. All rights are reserved. MCF32, **MCF40**, MCF60, FR40 AC/DC 1 1 2 1 23 4 ON OFF POWER SET ERROR 1 23 4 ON OFF POWER SET ERR...

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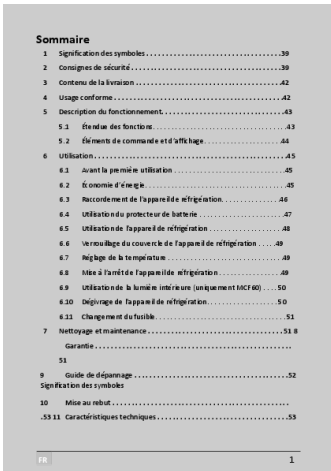
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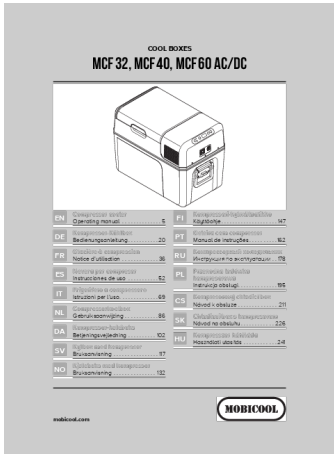
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MCF32 MCF40 MCF60 FR40 AC DCA low maintenance refrigerant circuit with compressor provides the cooling The foamed in place insulation and compact ensure optimum cooling Návod MobiCool MCF40im9 cz product docs slw0j86ojd1gbfbm Návod ||| COOL BOXES MCF32, **MCF40**, MCF60, FR40 AC/DC EN DE FR ES IT NL DA SV Mobile refrigerating appliance Installation and Operating Manual. . . . 5 Mobiles Khlgert Montage- und Bedienungsanleitung . . 21 Appareil de rfrigration mobile Instructions de montage et de service lang:en **score:25** filesize: 7.51 M page_count: 284 document date: 2022-04-28



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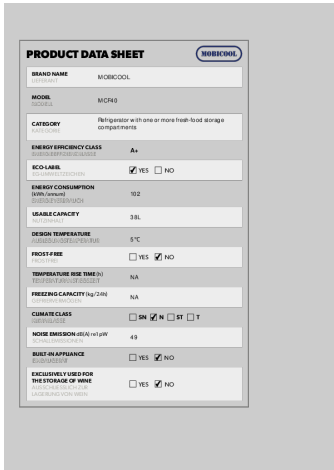
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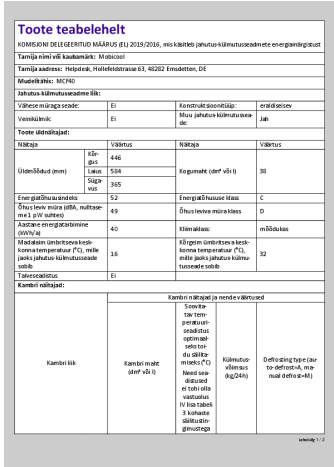
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PRODUCT DATA SHEET BRAND NAME LIEFERANT MOBICOOL MODEL MODELL **MCF40**
CATEGORY KATEGORIE Refrigerator with one or more fresh-food storage compartments
ENERGY EFFICIENCY CLASS ENERGIEEFFIZIENZKLASSE ECO-LABEL EG-
UMWELTZEICHEN ENERGY CONSUMPTION kWh/annum ENERGIEVERBRAUCH USABLE
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Produktdatenblatt			
DELEGIERTE VERORDNUNG EU 2019/2016 DER KOMMISSION zur Energieverbrauchskennzeichnung von Kältegeräten			
Name oder Handelsmarke des Lieferanten: Mobicool			
Anschrift des Lieferanten: Helpdesk, Hollefeldstrasse 63, 48282 Emsdetten, DE			
Modellkennung: MCF40			
Art des Kältegeräts:			
Geräuschemissions-Gewicht	Nein	Bauart:	Freistehend
Versorgungsspannung	Nein	Andere Kältegeräte:	Ja
Allgemeine Produktparameter			
Parameter	Wert	Parameter	Wert
Nennleistung (in kW)	446	Gesamtwassermenge (in dm³ oder l)	35
Gesamtabmessungen (in Millimetern)	148		
Leistungsaufnahme (in kWh/a)	52	Energieeffizienzkategorie	C
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Fachparameter	Rauminhalt des Fachs (in dm³ oder l)	Empfohlene Temperaturbereich für eine optimale Leistung (in °C)	Gefrierleistung (in kg/24h)
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Produktdatenblatt DELEGIERTE VERORDNUNG EU 2019/2016 DER KOMMISSION zur Energieverbrauchskennzeichnung von Kältegeräten Name oder Handelsmarke des Lieferanten: Mobicool Anschrift des Lieferanten: Helpdesk, Hollefeldstrasse 63, 48282 Emsdetten, DE Modellkennung: **MCF40** Art des Kältegeräts: Geruschar...

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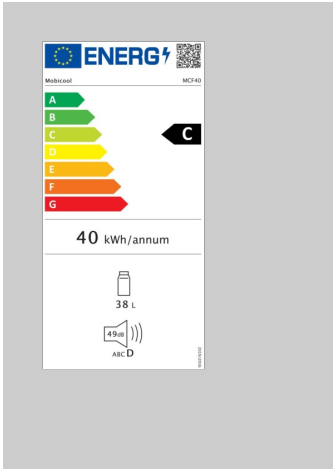


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Andrea Švandová Energetický štítek 2021 MobiCool MCF40 od 6 994 Kč Heureka.cz im9 product docs rv759l634vcqbiml |||

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