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Mobicool ME24

Mobicool ME24 Portable Electric Cooler Box User Manual

Model: ME24

1. Introduction

Thank you for choosing the Mobicool ME24 Portable Electric Cooler Box. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your cooler. Please read this manual thoroughly before first use and keep it for future reference.

The Mobicool ME24 is designed for versatile use, powered by either a 12V vehicle battery or a 230V mains outlet, making it ideal for cars, trucks, RVs, boats, and home use. It offers a total volume of 23 litres, capable of storing up to 33 cans or 4 x 1.5L bottles horizontally, and can cool down to 19°C below ambient temperature.

2. Safety Information

WARNING! Failure to observe these warnings could result in serious injury or death.

- Ensure the power supply voltage matches the rating on the appliance's label.
- Do not operate the appliance if it is visibly damaged.
- Do not immerse the appliance in water or other liquids.
- Keep ventilation openings clear of obstructions.
- Do not use electrical devices inside the cooler unless they are recommended by the manufacturer.
- Disconnect the power supply before cleaning or maintenance.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

CAUTION! Failure to observe these cautions could result in minor or moderate injury.

- Only connect the cooler to a suitable power source.
- Do not use sharp objects to remove ice or frost.
- Avoid placing hot items directly into the cooler. Allow them to cool first.
- Ensure the cooler is placed on a stable, level surface.

3. Product Overview

The Mobicool ME24 is a compact and efficient portable cooler. Familiarize yourself with its main components:



Figure 3.1: Mobicool ME24 Cooler Box - Front View
This image shows the overall design of the Mobicool ME24 cooler, featuring its blue base and white lid with integrated controls and ventilation.



Figure 3.2: Integrated Cable Storage
A close-up view of the convenient compartment within the lid designed to store the power cables, including the 12V car adapter.



Figure 3.3: Inside Lid and Cooling Unit
This image displays the interior of the cooler's lid, revealing the cooling unit and its ventilation grilles, along with product information labels.



Figure 3.4: Temperature Control Knob
A detailed view of the control knob on the lid, allowing users to switch the cooler On/Off and adjust the cooling intensity from minimum to maximum.

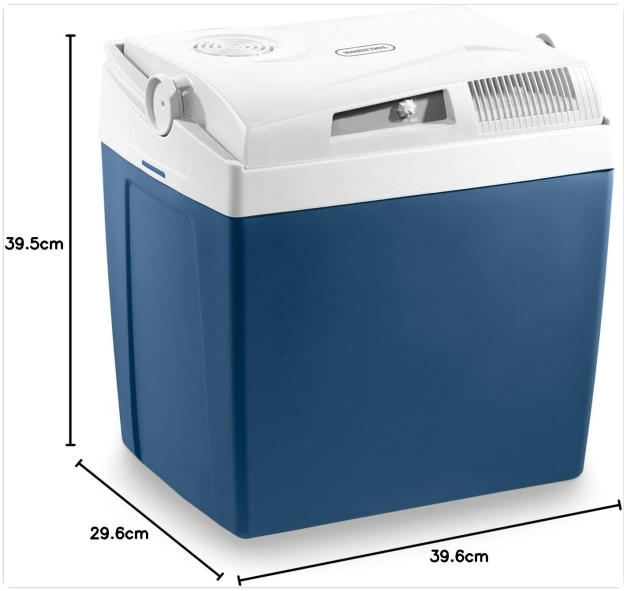


Figure 3.5: Mobicool ME24 Product Dimensions
An illustration showing the key dimensions of the Mobicool ME24 cooler: height (39.5cm), depth (29.6cm), and width

(39.6cm).

Key Features:

- **23 Litre Capacity:** Ample space for beverages and food.
- **Dual Power System:** Operates on 12V DC (car battery) and 230V AC (mains).
- **Cooling Performance:** Cools up to 19°C below ambient temperature.
- **Carry Handle:** Ergonomically designed handle for easy transport, also serves to secure the lid.
- **Dual Ventilation System:** Ensures efficient air distribution and faster cooling.
- **Integrated Cable Storage:** Convenient storage for power cables within the lid.

4. Setup

4.1 Unpacking

Carefully remove the cooler from its packaging. Inspect the unit for any signs of damage. The package should contain the Mobicool ME24 Cooler Box itself.

4.2 Placement

- Place the cooler on a firm, level surface.
- Ensure adequate ventilation around the cooler, especially around the fan and ventilation grilles on the lid. Do not block these openings.
- Avoid direct sunlight or heat sources, as this will reduce cooling efficiency.

4.3 Power Connection

The Mobicool ME24 can be powered by two different sources:

4.3.1 12V DC Connection (Vehicle)

- Locate the 12V DC power cable stored in the lid compartment.
- Plug the 12V plug into your vehicle's cigarette lighter socket or 12V power outlet.
- Ensure the vehicle's engine is running or the ignition is on to provide power. It is recommended to disconnect the cooler when the engine is off to prevent draining the vehicle battery.

4.3.2 230V AC Connection (Mains)

- Locate the 230V AC power cable (if included or purchased separately).
- Plug the AC cable into a standard wall outlet.
- Ensure the outlet provides the correct voltage (230V AC).

5. Operating Instructions

5.1 Initial Use

Before first use, clean the interior of the cooler with a damp cloth. For optimal cooling performance, pre-chill items before placing them in the cooler.

5.2 Turning On/Off and Temperature Control

- Once connected to a power source, locate the control knob on the lid (refer to Figure 3.4).

- Turn the knob from "OFF" to the desired cooling level.
- "MIN" provides the least cooling, while "MAX" provides the maximum cooling performance (up to 19°C below ambient temperature).
- To turn off the cooler, turn the knob back to "OFF".

5.3 Loading the Cooler

- Place items inside the cooler. The 23-litre capacity can hold approximately 33 standard cans or 4 x 1.5L bottles horizontally.
- Ensure the lid is securely closed to maintain cooling efficiency. The carry handle can be used to latch the lid.
- Avoid overfilling the cooler, as this can impede air circulation and reduce cooling performance.

6. Maintenance and Care

6.1 Cleaning

- Always disconnect the cooler from the power supply before cleaning.
- Clean the interior and exterior of the cooler with a damp cloth and mild detergent.
- Do not use abrasive cleaners or harsh chemicals, as they can damage the surfaces.
- Wipe dry thoroughly after cleaning to prevent mold or mildew.
- Periodically check and clean the ventilation grilles to ensure proper airflow.

6.2 Storage

- When not in use, ensure the cooler is clean and dry.
- Store the cooler in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.
- It is advisable to leave the lid slightly ajar during storage to prevent odors and mildew.

7. Troubleshooting

If you experience issues with your Mobicool ME24 cooler, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Cooler is not cooling.	No power supply. Power cable not connected properly. Vehicle's 12V socket is not active. Temperature knob is set to "OFF". Blocked ventilation.	Check power source (12V or 230V). Ensure cables are securely plugged in. Start vehicle engine or check vehicle's power settings. Turn the temperature knob to "MIN" or "MAX". Clear any obstructions from ventilation grilles.
Cooling performance is poor.	Ambient temperature is too high. Lid is not properly closed. Overfilled cooler. Blocked ventilation. Items were not pre-chilled.	Place cooler in a cooler environment if possible. Ensure lid is securely latched. Remove some items to allow for better air circulation. Clean ventilation grilles. Pre-chill food and drinks before placing them in the cooler.

Problem	Possible Cause	Solution
Unusual noise from the fan.	Fan obstruction. Cooler not on a level surface.	Check for any debris or obstructions in the fan area. Disconnect power before checking. Place the cooler on a stable, level surface.

If the problem persists after attempting these solutions, please contact Mobicool customer support.

8. Specifications

Technical data for the Mobicool ME24 Portable Electric Cooler Box:

Feature	Detail
Brand	Mobicool
Model	ME24 (Part Number: 9600051177)
Capacity	23 Litres
Product Dimensions (L x W x H)	29.6 x 39.6 x 39.5 cm
Item Weight	3.9 kg
Voltage	12V DC, 230V AC
Cooling Performance	Cools up to 19°C below ambient temperature
Energy Efficiency Rating	A (as per product data)
Annual Energy Consumption	1000 Kilowatts (as per product data)
Material Type	Polyvinyl Chloride (PVC)
Colour	Blue
Defrost System	Automatic

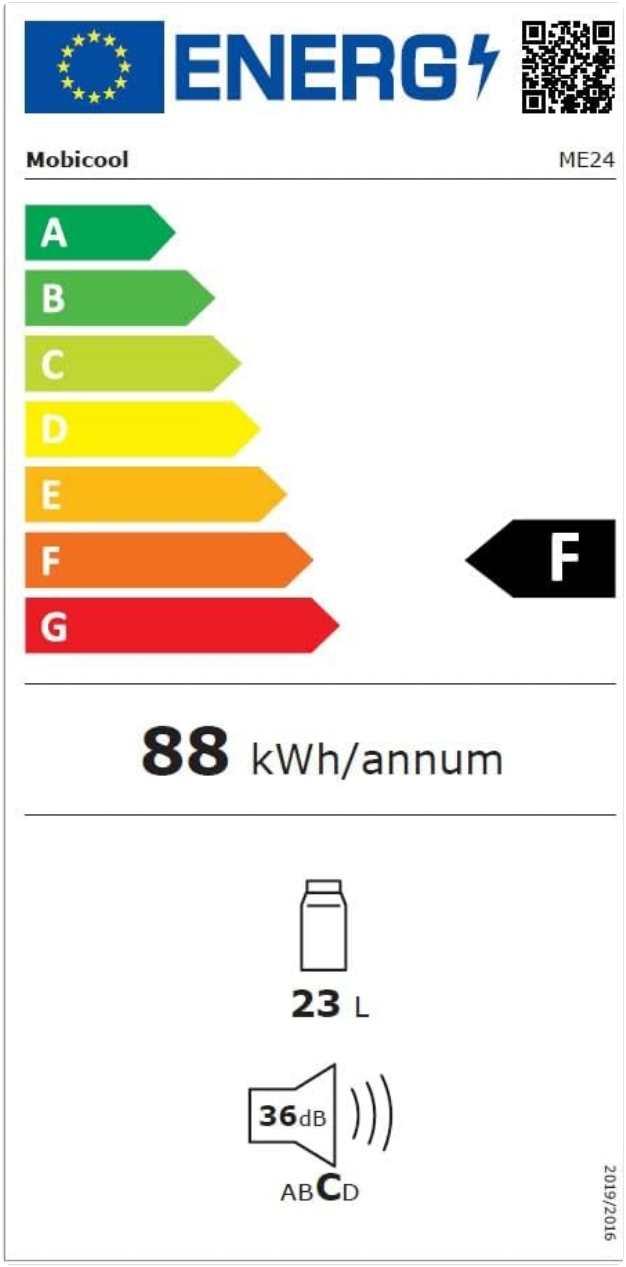
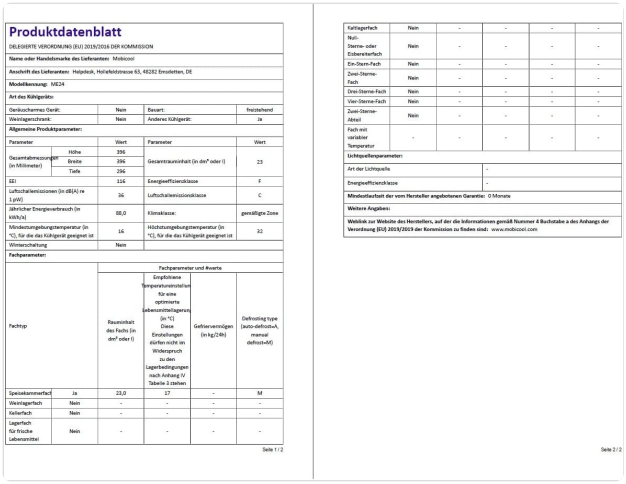


Figure 8.1: Mobicool ME24 Energy Efficiency Label
This image displays the energy label for the Mobicool ME24, indicating its energy efficiency class F (based on the new EU energy label scale) and annual energy consumption of 88 kWh/annum, along with its 23L capacity and 36dB noise level.



Produktdatenblatt

DELEGIERTE VERORDNUNG (EU) 2019/2016 DER KOMMISSION

Name oder Handelsmarke des Lieferanten:	Mobicool
Anschrift des Lieferanten:	Helpdesk, Hohlestrasse 63, 48282 Emsdetten, DE
Modellkennung:	ME24
Art des Kühlgeräts:	

Getränkekühler Gerät:	Nein	Bauart:		freistehend
Weinlagerschrank:	Nein	Anderes Kühlgerät:		Ja

Allgemeine Produktparameter:

Parameter		Wert	Parameter	Wert
Gesamtabmessungen (in Millimeter)	Höhe	396	Gesamtrauminhalt (in dm³ oder l)	23
	Breite	396		
	Tiefe	396		
EEI		116	Energieeffizienzklasse	F
Luftschallemissionen (in dB[A] re 1 pW)		36	Luftschallemissionsklasse	C
Jährlicher Energieverbrauch (in kWh/a)		88,0	Klimaklasse:	gemäßigte Zone
Mindestumgebungstemperatur (in °C), für die das Kühlgerät geeignet ist		16	Höchstumgebungstemperatur (in °C), für die das Kühlgerät geeignet ist	32
Winterschaltung		Nein		

Fachparameter:

Fachtyp		Fachparameter und Bewertu			
		Rauminhalt des Fachs (in dm³ oder l)	Graphitbasierte Temperaturkontrolle für eine optimierte Lebensmittellagerung (in °C) Diese Einstellungen dürfen nicht im Widerspruch zu den Lagerbedingungen nach Anhang IV Tabelle 3 stehen	Gefriervermögen (in kg/24h)	Defrosting type (auto-defrost=A, manual defrost=M)
Speisekammerfach	Ja	23,0	17	-	M
Weinlagerfach	Nein	-	-	-	-
Kellerfach	Nein	-	-	-	-
Lagerfach für frische Lebensmittel	Nein	-	-	-	-

Seite 1 / 2

Kühlgerfach	Nein	-	-	-	-
Null-Sterne- oder Eisbereiterfach	Nein	-	-	-	-
Ein-Stern-Fach	Nein	-	-	-	-
Zwei-Sterne-Fach	Nein	-	-	-	-
Drei-Sterne-Fach	Nein	-	-	-	-
Vier-Sterne-Fach	Nein	-	-	-	-
Zwei-Sterne-Abteil	Nein	-	-	-	-
Fach mit variabler Temperatur	-	-	-	-	-

Lichtquellenparameter:	
Art der Lichtquelle	-
Energieeffizienzklasse	-
Mindestdauer der vom Hersteller angebotenen Garantie:	0 Monate
Weitere Angaben:	
Weblink zur Website des Herstellers, auf der die Informationen gemäß Nummer 4 Buchstabe a des Anhangs der Verordnung (EU) 2019/2019 der Kommission zu finden sind:	www.mobicool.com

Seite 2 / 2

Figure 8.2: Mobicool ME24 Product Data Sheet (German)
A copy of the product data sheet, providing detailed technical specifications and compliance information in German.

9. Warranty and Support

Mobicool products are manufactured to high quality standards. For information regarding warranty terms and conditions, please refer to the warranty card included with your product or visit the official Mobicool website.

For technical support, spare parts, or service inquiries, please contact Mobicool customer service. Contact details can typically be found on the Mobicool website or in your product documentation.

Official Website: www.mobicool.com

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