

## Mobicool MCF60

# Mobicool MCF60-58L Compressor Cooler User Manual

Model: MCF60 (9600024953)

Brand: Mobicool

## 1. IMPORTANT SAFETY INFORMATION

Please read this instruction manual carefully before starting the appliance. Keep the instructions in a safe place for future reference. The manufacturer accepts no liability for damage in the following cases:

- Damage to the appliance resulting from mechanical influences or incorrect connection voltage.
- Alterations to the appliance without express permission from the manufacturer.
- Use for purposes other than those described in the manual.

### 1.1 General Safety

- 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.
- Do not use the appliance if it is visibly damaged.
- Do not use the appliance in damp environments or submerge it in water.
- Do not place the appliance near open flames or other heat sources.
- Ensure adequate ventilation around the appliance.

### 1.2 Electrical Safety

- Before starting the appliance, ensure that the power supply line and the plug are dry.
- Connect the appliance to a correctly fused power outlet.
- Do not disconnect the plug from the socket by pulling the cable.
- If the power cable of this appliance is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not use electrical devices inside the appliance unless they are of the type recommended by the manufacturer.

## 2. PRODUCT OVERVIEW

The Mobicool MCF60 is a versatile compressor cooler designed for mobile use in vehicles, boats, and motorhomes, as well as for stationary use with a standard power socket. It offers efficient cooling and freezing capabilities within a wide temperature range.



Figure 2.1: The Mobicool MCF60-58L Compressor Cooler in its closed state, showcasing its blue and white design with integrated handles.

## 2.1 Key Features

- **Adjustable Temperature Range:** From +10°C to -10°C, with quick temperature attainment.
- **Digital Display:** For precise temperature control and monitoring.
- **Generous Capacity:** 58 liters, accommodating upright 2-liter bottles.
- **Dual Power Input:** Operates on 12V DC, 24V DC, and 230V AC.
- **LED Interior Lighting:** For improved visibility inside the cooler.
- **Compact Design:** Suitable for tight spaces in vehicles.



Figure 2.2: The Mobicool MCF60-58L with its lid open, revealing multiple water bottles stored upright, demonstrating its 58-liter capacity.



Figure 2.3: The Mobicool MCF60-58L cooler surrounded by various beverages and food items, including bottles and cartons, illustrating its capacity and versatility for different types of contents.



# MOBICOOL

Alman soğutucu uzmanından en iyisi

# MCF60



**58 Litre Hacim**  
58 litre geniş iç hacim ile  
rahat kullanım



**12V/24V/230V**  
12V/24V/230V uyumu ile tüm  
araç ve ortamlarda kullanım



**Kompresör**  
Kompresör gücü ile -10  
dereceye kadar soğutma



**Isıtma/Soğutma**  
-10 ve +10 derece arası hem  
ısıtma hem soğutma



Alman  Dometic markasıdır.

Figure 2.4: An infographic displaying key features of the Mobicool MCF60 cooler, including its 58-liter capacity, 12V/24V/230V power compatibility, compressor cooling, and temperature range from -10°C to +10°C, represented by clear icons.

## 3. SETUP

### 3.1 Unpacking

Carefully remove the cooler from its packaging. Inspect the unit for any signs of damage during transit. Retain the packaging for future transport or storage.

### 3.2 Placement Considerations

Place the cooler on a stable, level surface. Ensure there is sufficient clearance around the ventilation grilles (at least 10 cm) to allow for proper airflow and efficient operation. Avoid placing the cooler in direct sunlight or near heat sources.



Figure 3.1: The Mobicool MCF60-58L cooler positioned securely in the back of a vehicle, demonstrating its suitability for mobile use.





Figure 3.2: The Mobicool MCF60-58L cooler placed on a tiled floor in a kitchen environment, highlighting its versatility for indoor use.

### 3.3 Power Connections

The MCF60-58L supports both DC and AC power inputs.

- **DC Connection (12V/24V):** Use the provided DC cable to connect the cooler to a vehicle's 12V or 24V power outlet (cigarette lighter socket).
- **AC Connection (100-240V):** Use the provided AC cable to connect the cooler to a standard household power outlet.

Ensure the correct cable is used for the respective power source. The cooler automatically detects the input voltage.



Figure 3.3: Close-up view of the Mobicool MCF60-58L's control panel and the dual power input sockets (AC and DC), with an AC power cable connected.

## 4. OPERATING INSTRUCTIONS

### 4.1 Control Panel Overview

The control panel is located on the top surface of the cooler and features a digital display and several buttons for operation.





Figure 4.1: Detailed view of the control panel, showing the ON/OFF button, SET button, digital temperature display, UP/DOWN buttons, and POWER/ERROR indicator lights.

- **ON/OFF Button:** Powers the unit on or off.
- **SET Button:** Used to enter temperature setting mode or confirm selections.
- **UP (+) / DOWN (-) Buttons:** Adjust the target temperature.
- **POWER Indicator:** Illuminates when the unit is powered on.
- **ERROR Indicator:** Illuminates if a fault occurs.
- **Digital Display:** Shows the current internal temperature or the set temperature.

## 4.2 Turning On/Off

Press the **ON/OFF** button once to turn the cooler on. The POWER indicator will light up, and the display will show the current internal temperature. Press the **ON/OFF** button again to turn the cooler off.

## 4.3 Setting Temperature

1. With the cooler on, press the **SET** button. The displayed temperature will start flashing.

2. Use the **UP (+)** or **DOWN (-)** buttons to adjust the desired temperature between +10°C and -10°C.
3. Press the **SET** button again to confirm the selection, or wait a few seconds for the setting to be automatically saved.  
The display will return to showing the current internal temperature.

#### 4.4 Interior Light

The cooler is equipped with an LED interior light that automatically illuminates when the lid is opened, providing visibility of the contents.

#### 4.5 Lid Operation

The lid is removable for easier access and cleaning. To remove, open the lid fully and gently lift it off its hinges. To reattach, align the hinges and press down until it clicks into place.



Figure 4.2: The Mobicool MCF60-58L cooler with its lid fully open, positioned outdoors on a gravel surface, showing its contents and accessibility.

## 5. MAINTENANCE



## 5.1 Cleaning

Regular cleaning helps maintain the cooler's performance and hygiene.

- Before cleaning, disconnect the cooler from all power sources.
- Clean the interior and exterior with a damp cloth and a mild detergent. Avoid abrasive cleaners or solvents.
- Ensure no water enters the electrical components or ventilation grilles.
- Dry all surfaces thoroughly before reconnecting power.

## 5.2 Defrosting

The Mobicool MCF60 features an automatic defrost system. However, if a significant layer of ice builds up, manually defrost the unit:

1. Turn off the cooler and disconnect it from power.
2. Empty the contents and leave the lid open to allow the ice to melt naturally.
3. Wipe away melted water with a clean cloth. Do not use sharp objects to remove ice.
4. Ensure the interior is completely dry before closing the lid or restarting the unit.

## 5.3 Storage

When storing the cooler for extended periods, ensure it is clean and dry. Leave the lid slightly ajar to prevent odors and mildew formation. Store in a dry, well-ventilated area.

# 6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Mobicool MCF60-58L cooler.

Problem	Possible Cause	Solution
Cooler does not turn on.	No power supply; faulty cable; blown fuse.	Check power connection; inspect cable for damage; check vehicle fuse or household circuit breaker.
Cooler not cooling sufficiently.	Insufficient ventilation; lid not closed properly; ambient temperature too high; too much content.	Ensure proper ventilation; close lid securely; move cooler to a cooler environment; do not overfill.
ERROR indicator is lit.	Internal fault; voltage issue.	Disconnect power for 5 minutes and reconnect. If error persists, contact customer support.
Unusual noise from the compressor.	Cooler not level; fan obstruction.	Place cooler on a level surface; check for obstructions around the fan and clear them.

# 7. SPECIFICATIONS

Detailed technical specifications for the Mobicool MCF60-58L Compressor Cooler.

Specification	Value
Model	MCF60
Item Model Number	9600024953



Specification	Value
Capacity	58 Liters
Input Voltage (DC)	12V / 24V
Input Voltage (AC)	100-240V
Temperature Range	+10°C to -10°C
Item Weight	40.57 Pounds (approx. 18.4 kg)
Product Dimensions (L x W x H)	26.77 x 17.32 x 18.5 inches (approx. 680 x 440 x 470 mm)
Refrigerant	R-134A
Defrost System	Automatic
Color	Blue / White

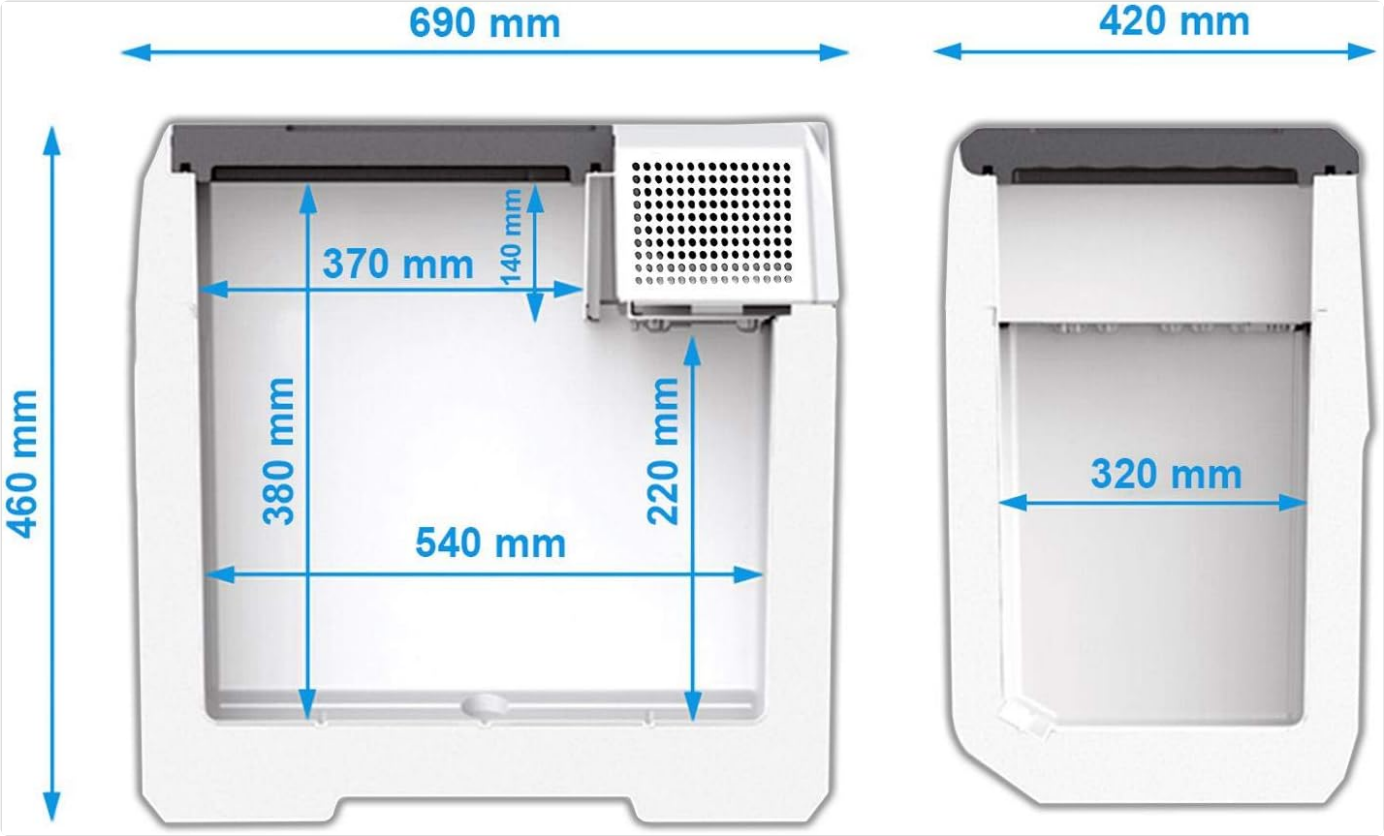


Figure 7.1: Technical diagram illustrating the external and internal dimensions of the Mobicool MCF60-58L cooler in millimeters.






8. WARRANTY AND SUPPORT

Mobicool products are manufactured to high-quality 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 Mobicool website.

For technical support, spare parts, or service inquiries, please contact Mobicool customer service. When contacting support, please have your model number (MCF60) and item model number (9600024953) ready.

You can find more information and support resources on the official Mobicool website or through authorized service centers.

## Related Documents - MCF60

	<p><a href="#">Mobicool MCF32, MCF40, MCF60, FR40 AC/DC Cool Boxes Operating Manual</a></p> <p>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.</p>
	<p><a href="#">Mobicool MCF32, MCF40, MCF60, FR40 AC/DC - Short Operating Manual</a></p> <p>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.</p>
	<p><a href="#">Mobicool Thermoelectric Coolers: Operating and Safety Instructions</a></p> <p>Comprehensive guide to operating and safety instructions for Mobicool thermoelectric coolers, covering models MT08, MT26/30, MT35, MT35W, MT38W, MT48W, MQ40W, MQ40A, MV26/30, E24, E24M, and MM24 DC/MM24. Includes general usage, safety warnings, and energy-saving tips.</p>
	<p><a href="#">MOBICOOL MCF Series Cooling Boxes: Operating Manual</a></p> <p>Comprehensive operating manual for MOBICOOL MCF 32, MCF 40, MCF 60, and FR 40 AC/DC portable cooling boxes. Learn about features, safety, operation, and maintenance for efficient food chilling.</p>
	<p><a href="#">MOBICOOL T35/W35 Thermoelectric Cooler Operating Manual</a></p> <p>Comprehensive operating manual for MOBICOOL T35 and W35 thermoelectric coolers, covering features, usage, safety guidelines, troubleshooting, and technical specifications for portable cooling and warming.</p>

**Mobicool MBF20**

1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

**Mobicool**

[Mobicool MBF20 Mini Fridge Operating Manual](#)

Comprehensive operating manual for the Mobicool MBF20 mini fridge, covering safety instructions, intended use, energy saving tips, and warranty information. Available in multiple languages.