

# ↗ DOMETIC REFRIGERATION DESIGN



**DM 50CD, DM 50CF**

**EN**

## **Drawer Minibar**

Installation and Operating Manual

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Please read these instructions carefully and follow all instructions, guidelines, and warnings included in this product manual in order to ensure that you install, use, and maintain the product properly at all times. These instructions **MUST** stay with this product.

By using the product, you hereby confirm that you have read all instructions, guidelines, and warnings carefully and that you understand and agree to abide by the terms and conditions as set forth herein. You agree to use this product only for the intended purpose and application and in accordance with the instructions, guidelines, and warnings as set forth in this product manual as well as in accordance with all applicable laws and regulations. A failure to read and follow the instructions and warnings set forth herein may result in an injury to yourself and others, damage to your product or damage to other property in the vicinity. This product manual, including the instructions, guidelines, and warnings, and related documentation, may be subject to changes and updates. For up-to-date product information, please visit [documents.dometic.com](http://documents.dometic.com).

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## 1 Explanation of symbols



**DANGER!**  
**Safety instruction:** Indicates a hazardous situation that, if not avoided, will result in death or serious injury.



**WARNING!**  
**Safety instruction:** Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

**CAUTION!**

**Safety instruction:** Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

**NOTICE!**

Indicates a situation that, if not avoided, can result in property damage.

**NOTE**

Supplementary information for operating the product.

## 2 Safety instructions

### 2.1 General safety



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

**Electrocution hazard**

- Ensure that the minibar has been installed by a qualified technician in accordance with the Dometic installation manual.
- Do not operate the minibar if it is visibly damaged.
- If this minibars power cable is damaged, it must be replaced by the manufacturer, service agent or a similarly qualified person in order to prevent safety hazards.
- This minibar may only be repaired by qualified personnel. Inadequate repairs may cause serious hazards.
- When positioning the minibar, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Plug the device to sockets that ensure proper connection especially when the device needs to be earthed.

**Fire hazard**

- The refrigerant in the refrigerant circuit is highly flammable. In the event of any damage to the refrigerant circuit:
  - Switch off the minibar.
  - Avoid naked flames and sparks.
  - Air the room well.

- The refrigerant circuit contains a small quantity of an environmentally friendly but flammable refrigerant. It does not damage the ozone layer and does not increase the greenhouse effect. Any leaking refrigerant may ignite.
- Keep the installation recess for the minibar free of any electrical components and light sources which during normal or abnormal operation produce sparks or arcs (i.e., relays or fuse boxes).
- Do not use or store the minibar in confined spaces with none or minimal air circulation.
- After installation, it must still be possible to disconnect the minibar from the supply mains. This may be achieved by having the plug accessible or by incorporating a switch in the fixed wiring according to the wiring rules.
- Keep ventilation openings, in the minibar enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not open the refrigerant circuit under any circumstances.
- Do not use electrical devices inside the minibar unless they are recommended by the manufacturer for that purpose.

### **Explosion hazard**

- Do not store any explosive substances, such as spray cans with propellants, in the minibar.

### **Health hazard**

- This minibar 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 minibar in a safe way and understand the hazards involved.
- Children shall not play with the minibar.
- Cleaning and user maintenance shall not be made by children without supervision.
- Children aged from 3 to 8 years are allowed to load and unload the minibar.



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

**Risk of crushing**

- Do not put your fingers into the hinge.

**Health hazard**

- Foodstuff may only be stored in its original packaging or in suitable containers.



**NOTICE! Damage hazard**

- Check that the voltage specification on the type plate is the same as that of the power supply.
- The minibar is not suitable for storing substances which are caustic or contain solvents.
- The insulation of the cooling device contains flammable cyclopentane and requires special disposal procedures. Deliver the cooling device at the end of its life-cycle to an appropriate recycling center.
- Keep the drainage outlet clean at all times.
- Only carry the minibar upright.

## 2.2 Operating the minibar safely



**DANGER! Failure to obey these warnings will result in death or serious injury.**

**Electrocution hazard**

- Do not touch exposed cables with your bare hands.



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

**Electrocution hazard**

- Before starting the minibar, ensure that the power supply line and the plug are dry.

**Health hazard**

- Ensure that you only put items in the minibar which may be chilled at the selected temperature.
- Food may only be stored in its original packaging or in suitable containers.
- Opening the door for long periods can cause significant increase of the temperature in the compartments of the minibar.

- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- If the minibar is left empty for long periods:
  - Switch off the minibar.
  - Defrost the minibar.
  - Clean and dry the minibar.
  - Leave the door open to prevent mold developing within the minibar.



**NOTICE!**  
**Damage hazard**

- Do not place the minibar near naked flames or other heat sources (burning candles, heaters, direct sunlight, gas ovens etc.).
- Never immerse the minibar in water.
- Protect the minibar and the cable against heat and moisture.
- Ensure that foodstuffs do not touch the walls of the cooling area.

### 3 Scope of delivery

The following main alternatives are obtainable:

- Minibar DM50CD with door panel, without lock
- Minibar DM50CD with door panel, with lock
- Minibar DM50CF without door panel, without lock
- Minibar DM50CF without door panel, with lock

Quantity	Description	
1	Minibar	
1	AC connection cable	
4	Screw ø4 x 45 mm (Installation)	
4	Plug (Installation)	
1	Handle	DM50CD only
2	Plug (Handle installation)	DM50CD only
2	Plug (Wooden panel)	DM50CF wooden version only

Quantity	Description	
1	Lock decor (Wooden panel)	DM50CF wooden version with lock only
2	Key	Lock version only
1	Installation and Operating manual	

## 4 Intended use

The refrigeration appliance (also referred to as minibar) is intended to be used in household and similar applications such as:

- Staff kitchens in stores, offices and other work areas
- Farmhouses
- By clients in hotels, motels and other residential type environments
- Bed and breakfast type environments
- Catering and similar non-retail applications

The minibar is not suitable for installation in caravans or mobile homes.

The minibar is intended for installation in a piece of cabinetry or an installation niche.

The minibar is designed exclusively for cooling and storing of beverages and foods in closed containers.

The minibar is not suitable for storing fresh foods and medicine or freezing food-stuffs.

This minibar is only suitable for the intended purpose and application in accordance with these instructions.

This manual provides information that is necessary for proper installation and/or operation of the minibar. Poor installation and/or improper operation or maintenance will result in unsatisfactory performance and a possible failure.

The manufacturer accepts no liability for any injury or damage to the product resulting from:

- Incorrect assembly or connection, including excess voltage
- Incorrect maintenance or use of spare parts other than original spare parts provided by the manufacturer
- Alterations to the product without express permission from the manufacturer
- Use for purposes other than those described in this manual



Dometic reserves the right to change product appearance and product specifications.

## 5 Technical description

The minibar has a main drawer for bottles and cans as well as a mini drawer for miniatures and snacks. The main drawer has room for 23 bottles with a maximum height of 27.5 cm.

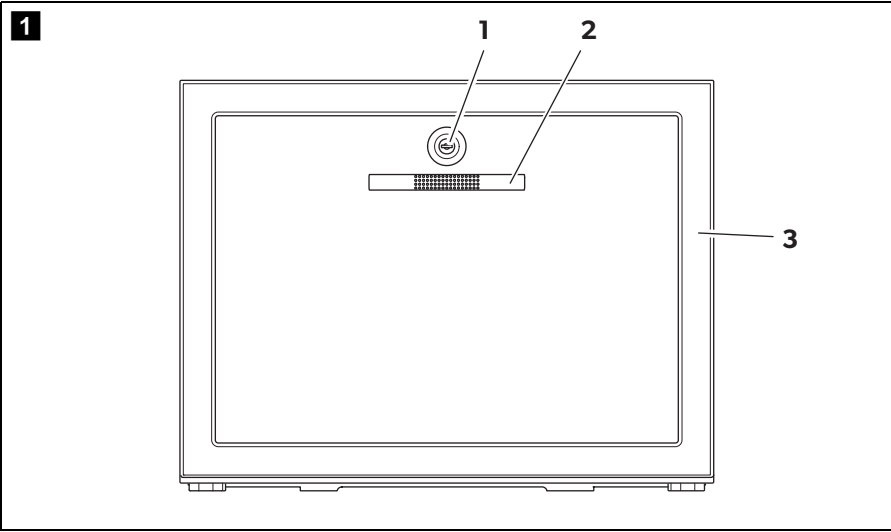
The minibar DM50CD comes with a anthracite panel and pull handle.

The minibar DM50CF is delivered without panel and is prepared for fitting the hotel's own door decor.

A lock is optionally available.

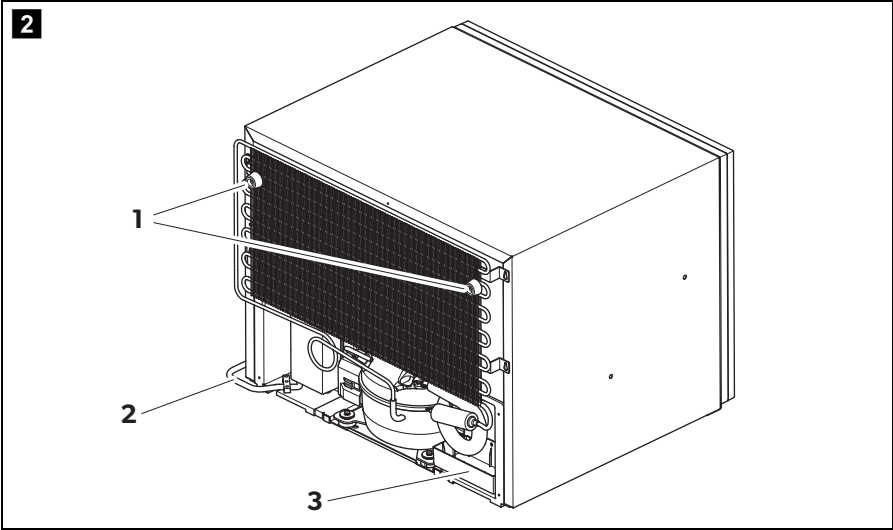
### 5.1 Description of the device

#### Front panel



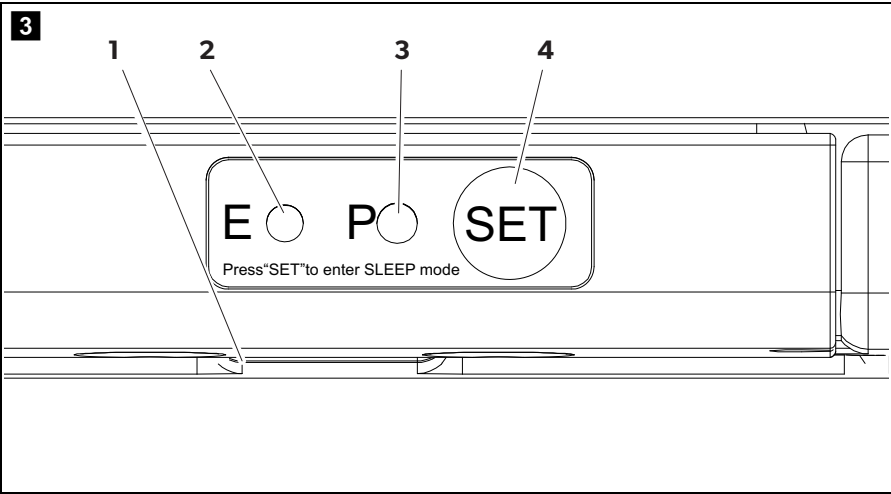
Item	Description
1	Lock (optional)
2	Handle (DM50CD only)
3	Door panel (DM50CD only)

Rear side



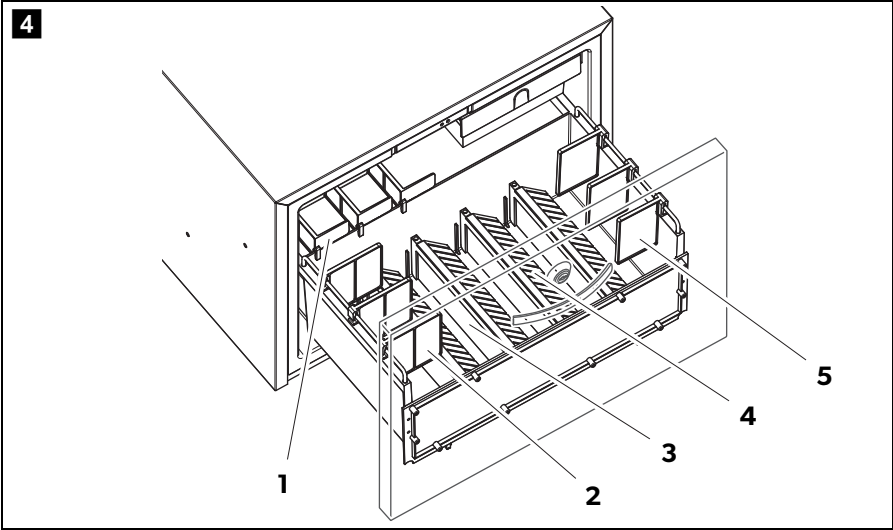
Item	Description
1	Stopper
2	AC connection cable
3	Drip tray

Control panel (inside the device)



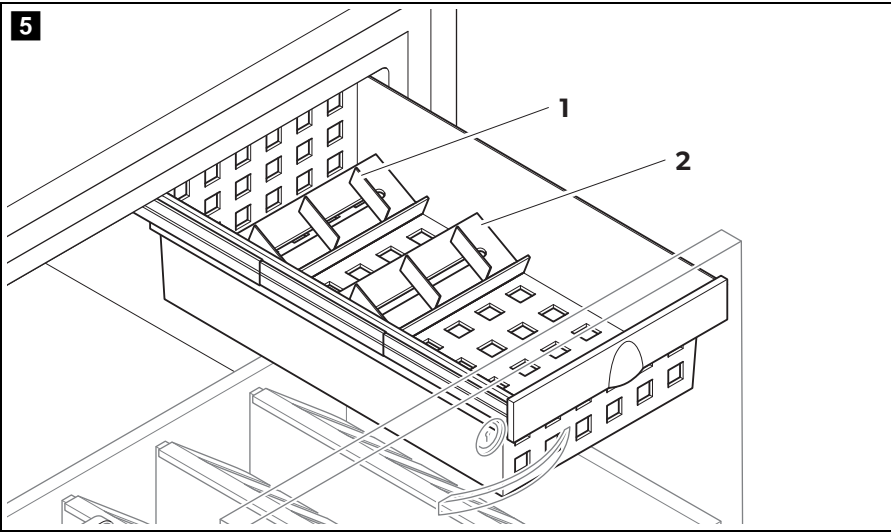
Item	Description
1	Lamp
2	Error LED
3	Status LED
4	Setting button

Main drawer



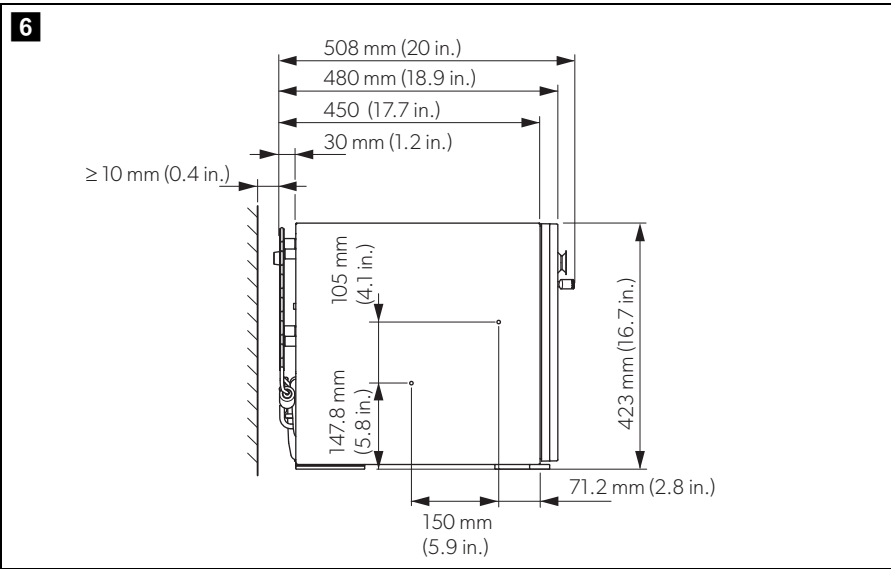
Item	Description
1	Small bottle holder
2	Wide divider
3	Separator
4	Bottle finger
5	Small divider

Mini drawer



Item	Description
1	Rotatable divider
2	Miniature bottle holder

Dimensions



## 6 Installation

**CAUTION! Health hazard**

To avoid a hazard due to instability of the device, it must be fixed in accordance with the instructions.

### 6.1 Mounting the minibar into a piece of furniture

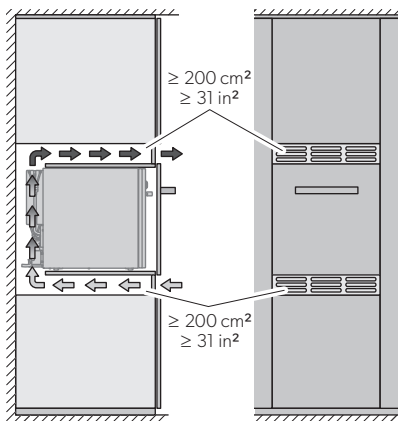
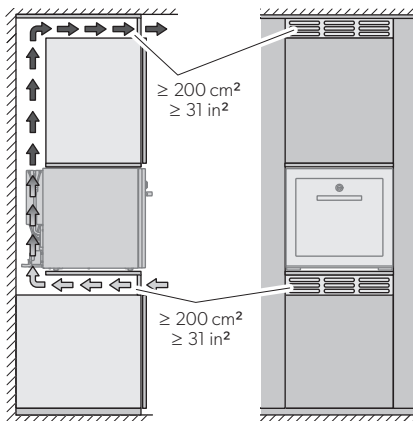
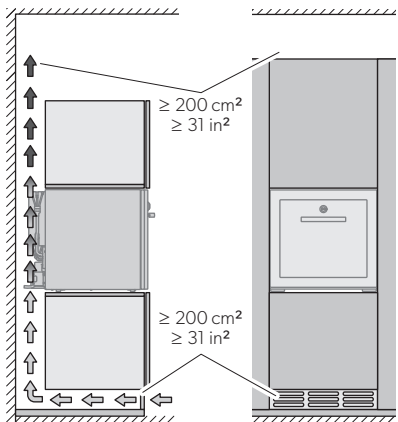
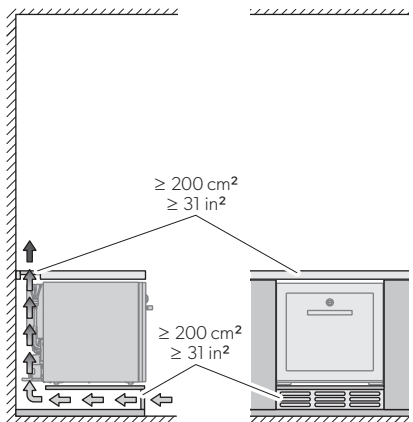
**NOTICE! Damage hazard**

Air passing through the inlet air duct must not be heated.  
Do not place the minibar near naked flames or other heat sources (heaters, direct sunlight, gas ovens, etc.).

There are four ways to mount the minibar into furniture.

1. Choose your preferred installation alternative (fig. **7**, page 15).
2. Observe the required installation recess (fig. **8**, page 16)  
d is the thickness of the hotel's own decor.
3. Observe the correct placement of the minibar and ventilation openings to ensure a proper air flow (fig. **9**, page 16).
4. Ensure the minimum clearance between the back of the minibar and the furniture wall (fig. **6**, page 13).
5. Produce the ventilation openings as shown in fig. **10**, page 16.

## Installation alternatives

**7****A****B****C****D**

Installation recess

8

	A	B	C
<b>DM50CD</b>	443 mm	570 mm	490 mm
	17.4 in	22.4 in	19.3 in
<b>DM50CF</b>	443 mm	570 mm	488+d mm
	17.4 in	22.4 in	19.2+d in

Air flow

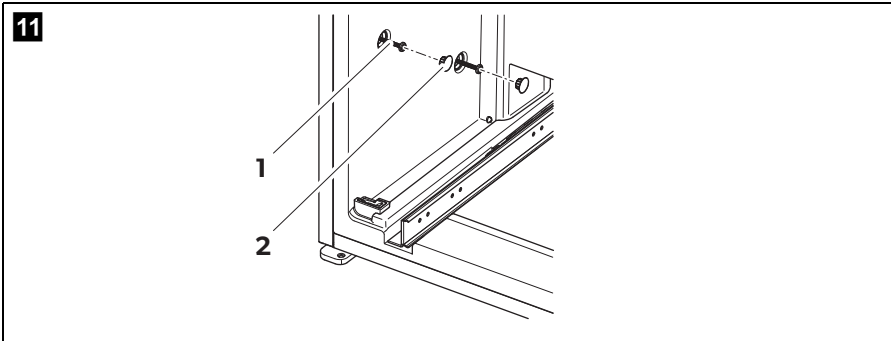
9

Ventilation openings

10

	Air inlet	Air outlet
DM50CD, DM50CF	200 cm <sup>2</sup> 31 in <sup>2</sup>	200 cm <sup>2</sup> 31 in <sup>2</sup>





Item	Description
1	Screw $\varnothing 4 \times 45$ mm
2	Plug

6. Fasten the minibar with the four screws (fig. **11 1**, page 17).
7. Insert the four plugs (fig. **11 2**, page 17) into the boring.

## 6.2 Connecting the minibar electrically

- Connect the AC connection cable to the AC mains supply.
- ✓ The status LED lights up.
- ✓ The minibar starts cooling the interior.

## 6.3 Mounting hotel's own door decor (DM50CF only)

The hotel's own door decor has to comply with the following requirements:

- Maximum weight: 4 kg
- Maximum thickness: 18 mm
- Fasten the decor with four screws.

### Mounting the lock (lock version only)

1. Drill a hole with a diameter of 35 mm into the decor.
2. Mount the lock together with the lock decor.

## 7 Operation

### 7.1 Saving energy

- Only open the minibar as often and for as long as necessary.
- Avoid unnecessarily low temperature settings.
- For optimal energy consumption, position the shelves and drawers according to their position on delivery.
- On a regularly basis, make sure the door seal still fits properly.
- Clean dust and dirt from the condenser at regular intervals.

### 7.2 Using the minibar

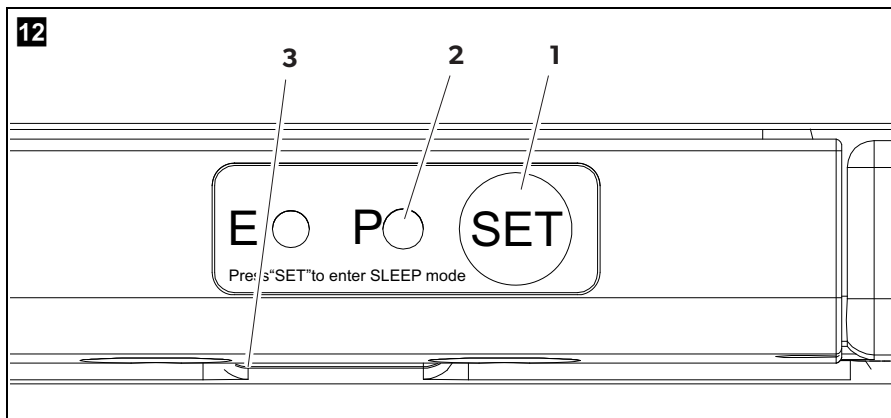
The minibar starts cooling when connected to power. During normal operation the Status LED is glowing. If an error occurs the Error LED is blinking (see chapter “Troubleshooting” on page 21).

#### SLEEP mode

In “SLEEP” mode the compressor stops running, and the minibar stops cooling.

“SLEEP” mode will only last 10 hours. The minibar will automatically resume normal cooling mode after 10 hours.

If the power supply is disconnected during the “SLEEP” mode and then resumed, the status of the “SLEEP” mode will not be affected.



Entering "SLEEP" mode:

- Press briefly the setting button **(1)**.
- ✓ The internal lamp **(3)** turns off, the status LED **(2)** is still on.  
The minibar stops cooling.

Leaving "SLEEP" mode:

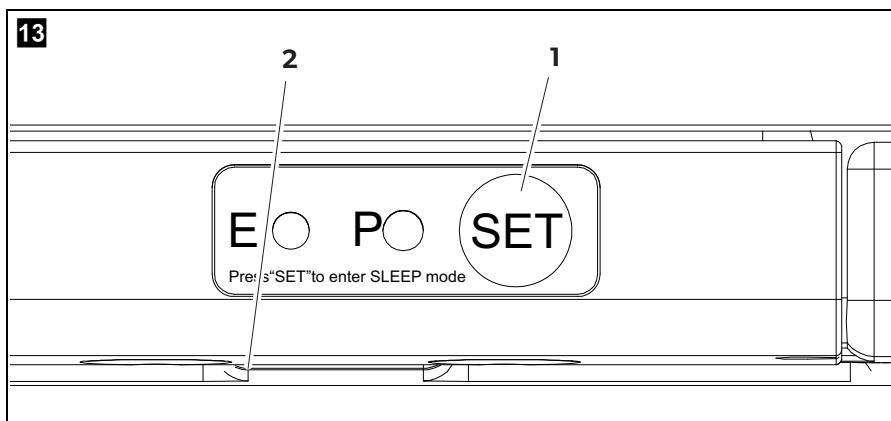
- Press briefly the setting button **(1)**.
- ✓ The internal lamp **(3)** turns on, the status LED **(2)** is still on.  
The minibar resumes cooling.

## 7.3 Setting the temperature

To avoid food waste, note the following:

- Keep temperature fluctuation as low as possible. Only open the minibar as often and for as long as necessary. Store the foodstuff in such a way that the air can still circulate well.
- The minibar is equipped with an automatic temperature regulation function.  
Select the average of the possible temperature values.
- Adjust the temperature to the quantity and type of the foodstuff.

The minibar is set by default to a cooling temperature of 7 °C at an ambient temperature of 25 °C.



You can use the setting button **(1)** to set the cooling temperature to one of three values: 4 °C, 7 °C and 12 °C.

Thereby the temperature will be changed in the order 4 °C ... 7 °C ... 12 °C ... 4 °C etc.

1. Press the setting button **(1)** and keep it pressed for 3 s, until the lamp **(2)** starts to blink.
  2. Press immediately the setting button **(1)** again.
- ✓ The lamp **(2)** indicates the setting temperature:
- 4 °C: the lamp flashes five times in three intervals
  - 7 °C: the lamp flashes three times in three intervals
  - 12 °C: the lamp flashes once in three intervals

**NOTE**

The minibar sets the cooling temperature automatically to 7 °C, when it is connected to a power source.

## 8 Cleaning and maintenance

**WARNING! Electrocutation hazard**

Always disconnect the device from the power supply before you clean and service it.

**NOTICE! Damage hazard**

- Never clean the cooler under running water or in dish water.
- Do not use abrasive cleaning agents or hard objects during cleaning as these can damage the cooler.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

- Occasionally clean the device interior and exterior with a damp cloth.

# 9 Troubleshooting

Fault	Possible cause	Suggested remedy
Device does not function, Status LED does not glow.	No voltage present in the AC socket.	► Try using another power socket.
	Power circuitry is defective.	This can only be repaired by an authorized service agent.
The device does not cool (plug is inserted, Status LED glows).	Defective compressor	This can only be repaired by an authorized service agent.
The Error LED flashes once per second.	Temperature sensor is defective.	This can only be repaired by an authorized service agent.
Device does not cool sufficiently, Status LED glows, Error LED does not glow.	Defective compressor	This can only be repaired by an authorized service agent.
	Poor ventilation	► Check the ventilation. ► Clean the filter underneath the device.

# 10 Warranty

If the product does not work as it should, please contact your retailer or the manufacturer's branch in your country (see [dometic.com/dealer](http://dometic.com/dealer)). The warranty applicable to your product is 2 year(s).

For repair and warranty processing, please include the following documents when you send in the device:

- A copy of the receipt with purchasing date
- A reason for the claim or description of the fault

Note that self-repair or nonprofessional repair can have safety consequences and might void the warranty.

## Australia only

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

**New Zealand only**

This warranty policy is subject to the conditions and guarantees which are mandatory as implied by the Consumer Guarantees Act 1993(NZ).

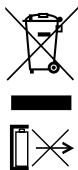
**Local support**

Please find local support at the following link address: [dometic.com/dealer](http://dometic.com/dealer)

## 11 Disposal


**Recycling packaging material**

- Place the packaging material in the appropriate recycling waste bins wherever possible.

**Recycling products with non-replaceable batteries, rechargeable batteries, or light sources**

- If the product contains any non-replaceable batteries, rechargeable batteries, or light sources, you don't have to remove them before disposal.
- If you wish to finally dispose of the product, ask your local recycling center or specialist dealer for details about how to do this in accordance with the applicable disposal regulations.

# 12     Technical data

	DM 50CD	DM 50CF
Voltage:	220 – 240 V~, 50 Hz – 60 Hz	
Cooling capacity:	max. 40 °C below ambient temperature (adjustable in three steps: 4 °C, 7 °C, 12 °C)	
Total volume:	50 l	
Maximum internal storage load:	31 kg	
Climatic class:	N or T	
Intended ambient temperature use:	+16 °C to +43 °C	
Noise emission:	60 Hz = 30.55 dB(A)	
Dimensions main drawer W x D x H:	423 x 372 x 275 mm	
Dimensions mini drawer W x D x H:	159 x 285 x 88 mm	
Dimensions W x D x H:	550 x 508 x 423 mm	550 x 478 x 423 mm
Weight:	22.0 kg	22.6 kg
Refrigerant:	R600a	
Refrigerant quantity:	17 g	
Inspection/certification:		

Follow EPA use conditions.



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A complete list of Dometic companies, which comprise the Dometic Group, can be found in the public filings of:  
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