



REFRIGERATION

DRAWER MINIBAR



DM50CD DM50CF

EN	Drawer Minibar
	Installation and Operating Manual..... 3

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1 Important notes

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.

2 Explanation of symbols

A signal word will identify safety messages and property damage messages, and also will indicate the degree or level of hazard seriousness.



WARNING!

> Indicates a hazardous situation that, if not avoided, could result in death or serious injury.



CAUTION!

> Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.



NOTICE!

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



NOTE Supplementary information for operating the product.

3 Safety instructions



WARNING! Fire hazard

> After installation, it must still be possible to disconnect the device 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.



WARNING! Electrocution hazard

- > Installation and removal of the refrigerator may only be carried out by qualified personnel.
- > Installation in washrooms and areas exposed to water must be performed by a qualified technician.
- > If installing the refrigerator under a canopy or similar environment, ensure that the refrigerator is protected from rain and splashing water.
- > Do not operate the refrigerator if it is visibly damaged.
- > This refrigerator may only be repaired by qualified personnel. Improper repairs can result in considerable danger or damage to the refrigerator.
- > If the power cable for this refrigerator is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person in order to prevent safety hazards.
- > When positioning the refrigerator, 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 refrigerator.
- > Do not touch exposed cables with your bare hands.
- > Plug the device to sockets that ensure proper connection especially when the device needs to be grounded.
- > If the device is powered by the mains, ensure that the power supply has a residual current circuit breaker (RCCB) or a ground fault circuit interrupter (GFCI). The installation must be carried out in accordance with all applicable regulations, especially in potentially damp areas.



WARNING! Fire hazard

- > The refrigerant in the refrigerant circuit is highly flammable and in the event of a leakage combustible gases could build up if the appliance is in a small room. In the event of any damage to the refrigerant circuit:
 - Keep naked flames and potential ignition sources away from the refrigerator.
 - Ventilate the room well.
 - Switch off the refrigerator.
- > For refrigerators with flammable refrigerant: The refrigeration 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.
- > For refrigerators with flammable refrigerant: Do not use or store the refrigerator in confined spaces with none or minimal air flow.
- > Do not open the refrigerant circuit under any circumstances.
- > Keep the installation recess for the refrigerator free of any electrical components and light sources which during normal or abnormal operation produce sparks or arcs (i.e., relays or fuse boxes).
- > The insulation of the refrigerator contains flammable cyclopentane and requires special disposal procedures. Deliver the refrigerator at the end of its life-cycle to an appropriate recycling center.



WARNING! Explosion hazard

- > Do not store any explosive substances, such as aerosol cans with propellants, in the refrigerator.



WARNING! Health hazard

- > This refrigerator 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 refrigerator by a person responsible for their safety.
- > Children aged from 3 to 8 years are allowed to load and unload the refrigerator.
- > Cleaning and user maintenance shall not be made by children without supervision.
- > Children must be supervised to ensure that they do not play with the refrigerator.
- > Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

- > Do not use electrical devices inside the refrigerator unless they are recommended by the manufacturer for that purpose.



WARNING! Risk of child entrapment

- > Dismantle the drawer before disposing of your old refrigerator so that children cannot lock themselves in the refrigerator.



CAUTION! Health hazard

- > To avoid a hazard due to instability of the refrigerator, it must be fixed in accordance with the installation instructions.
- > Keep ventilation openings, on the refrigerator and in its enclosure or in the built-in structure, clear of obstruction.
- > Do not open or damage the refrigerant circuit under any circumstances.



CAUTION! Risk of injury

- > DO NOT USE OR STORE FLAMMABLE MATERIALS IN OR NEAR THIS REFRIGERATOR.
- > DO NOT PLACE ARTICLES ON OR AGAINST THIS REFRIGERATOR.
- > DO NOT MODIFY THIS REFRIGERATOR.
- > Do not put your fingers into the hinge.



NOTICE! Damage hazard

- > If present, keep the condensate drain clean at all times.
- > If the refrigerator has ventilation grilles, do not use a high-pressure cleaner near the ventilation grille when cleaning the vehicle.
- > The refrigerator shall not be exposed to rain.
- > Never pull the plug out of the socket by the connection cable.



DANGER! Electrocutation hazard

- > Do not touch exposed cables with your bare hands.



CAUTION! Electrocutation hazard

- > Before starting the minibar, ensure that the power cable and the plug are dry.



CAUTION! Health hazard

- > Make sure 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.
- > Opening the door for long periods can cause a significant increase of the temperature in the compartments of the minibar. 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 mould developing within the minibar.



NOTICE! Damage hazard

- > Do not use electrical devices inside the minibar unless they are recommended by the manufacturer for that purpose.
- > Do not place it near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.).
- > Ensure that the ventilation vents are not covered.
- > Never immerse the minibar in water.
- > Protect the minibar and the cable against heat and moisture.
- > Make sure that foodstuffs do not touch the walls of the cooling area.

4 Scope of delivery

Available product variants

The following four product variants are available:

Model	Door panel	Lock
DM50CD	Included	Without lock
DM50CD	Included	With lock
DM50CF	Not included	Without lock
DM50CF	Not included	With lock

Scope of delivery

Quantity	Description	Note
1	Minibar	–
1	AC connection cable	–
4	Screw $\varnothing 4 \times 45$ mm – Installation	–
4	Plug – Installation	–
1	Handle	DM50CD only
2	Plug – Handle installation	DM50CD only
2	Plug – Wooden panel	DM50CF wooden version only
1	Lock decor – Wooden panel	DM50CF wooden version with lock only
2	Key	Lock models only
1	Installation and operating manual	–

5 Intended use

The refrigeration appliance (also referred to as minibar) is intended for installation in a cabinet or dedicated niche and for use in household and similar applications including:

- Staff kitchens in offices, stores, and other work areas
- Farmhouses
- Guest use in hotels, motels, and similar residential settings
- Bed-and-breakfast accommodations
- Catering and other non-retail applications

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

The minibar is **NOT** suitable for storing fresh foods and medicine or freezing foodstuffs.

The minibar is suitable for cooling and storing beverages and foods in closed containers.

This product 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 product. 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 installation, 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.

6 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 an anthracite panel and a pull handle.

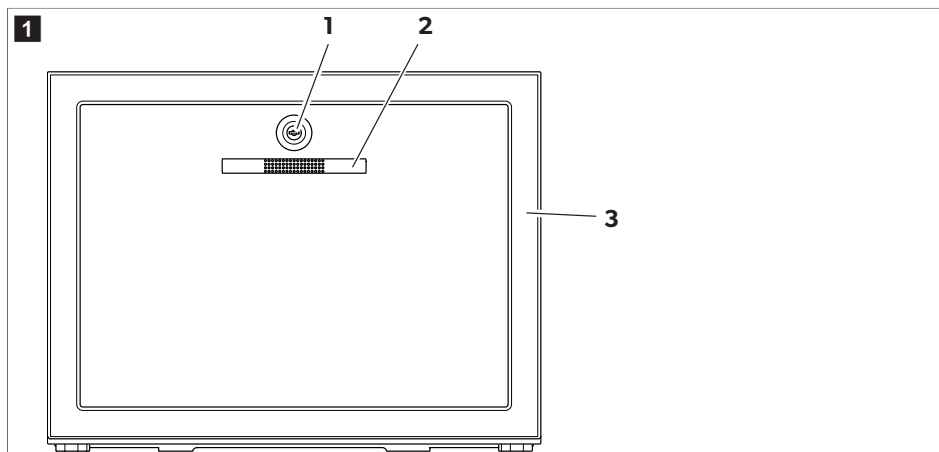
The minibar DM50CF is delivered without panel and is prepared for fitting the hotel's own door decor.



NOTE A lock is available as an optional accessory.

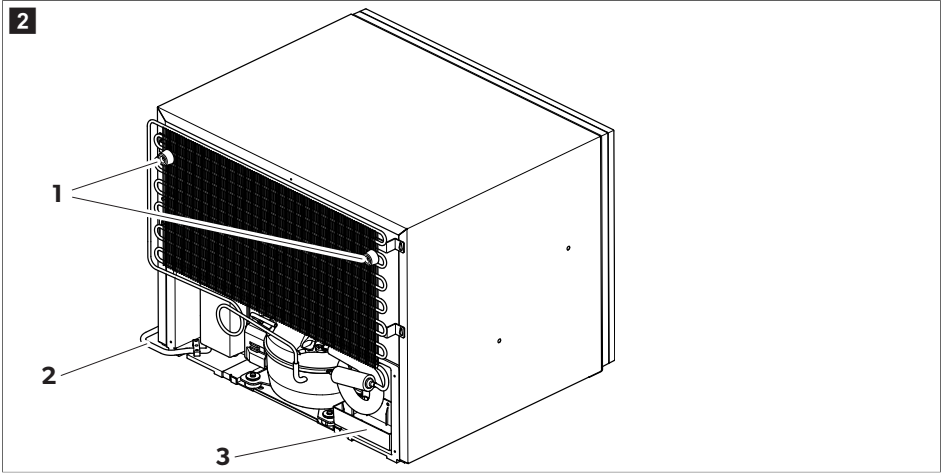
6.1 Minibar components

Front panel



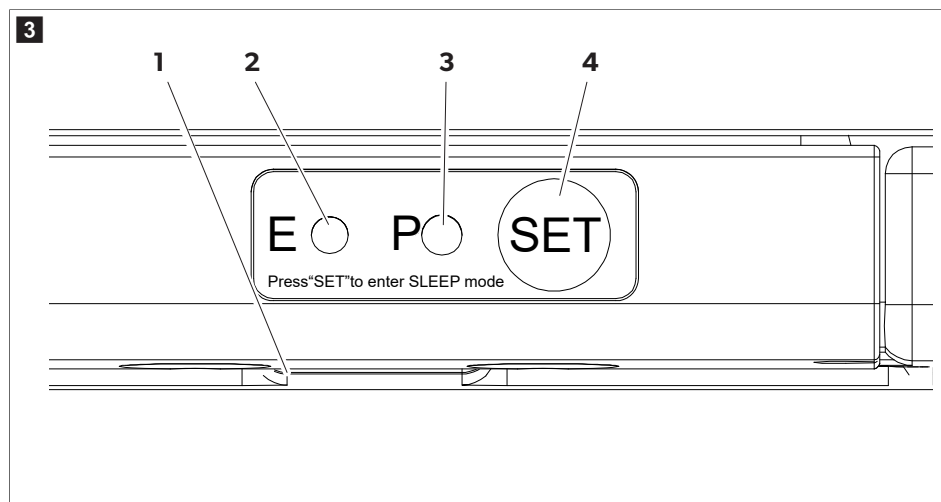
No. in  Fig. 1 on page 7	Description
1	Lock (optional)
2	Handle (DM50CD only)
3	Door panel (DM50CD only)

Rear side



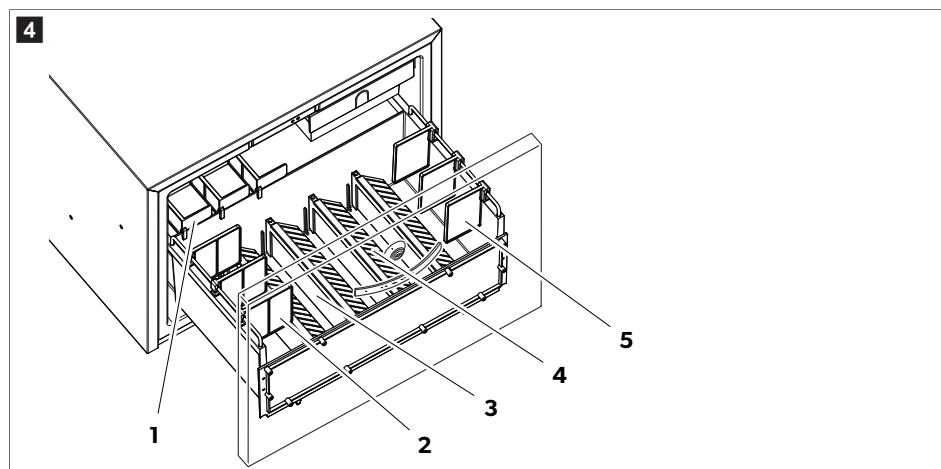
No. in  Fig. 2 on page 8	Description
1	Stopper
2	AC connection cable
3	Drip tray

Control panel (inside the device)



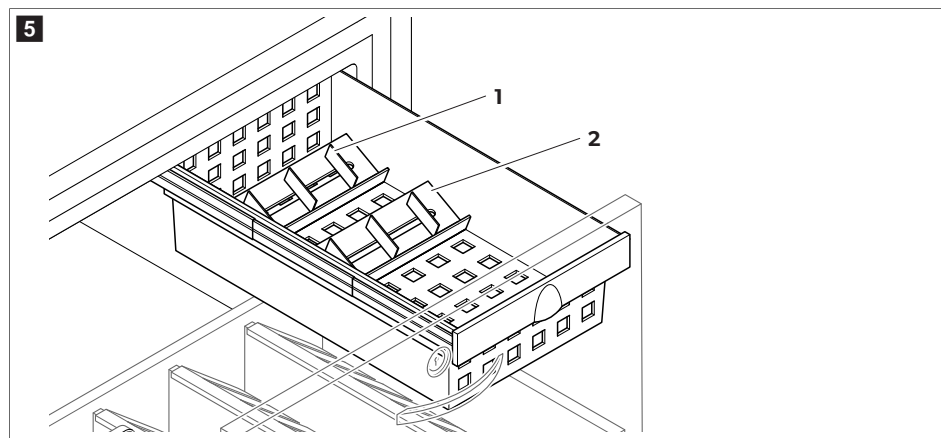
No. in  Fig. 3 on page 9	Description
1	Lamp
2	Error LED
3	LED indicator
4	Setting button

Main drawer



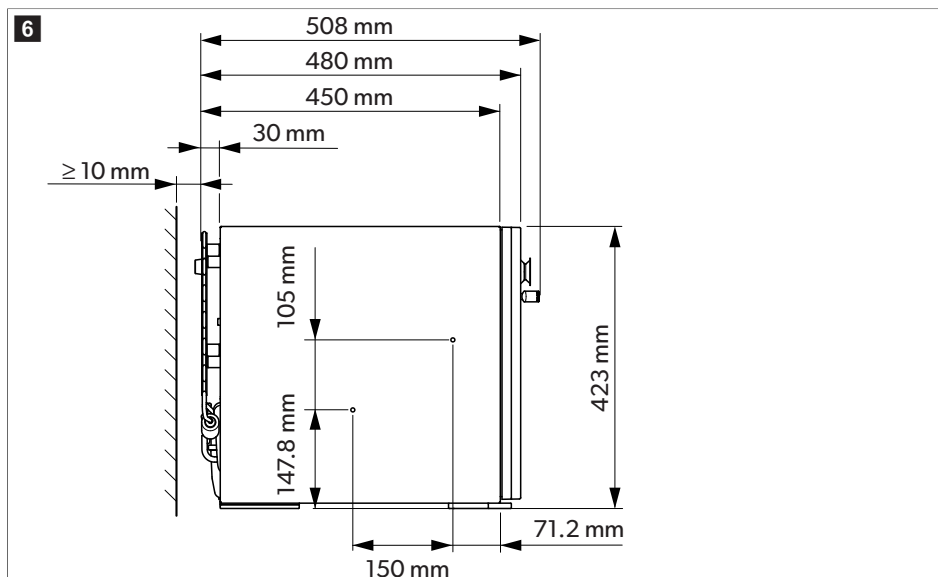
No. in  Fig. 4 on page 10	Description
1	Small bottle holder
2	Wide divider
3	Separator
4	Bottle finger
5	Small divider

Mini drawer



No. in  Fig. 5 on page 10	Description
1	Rotatable divider
2	Miniature bottle holder

6.2 Minibar dimensions



7 Installation

7.1 Mounting the minibar into a piece of furniture

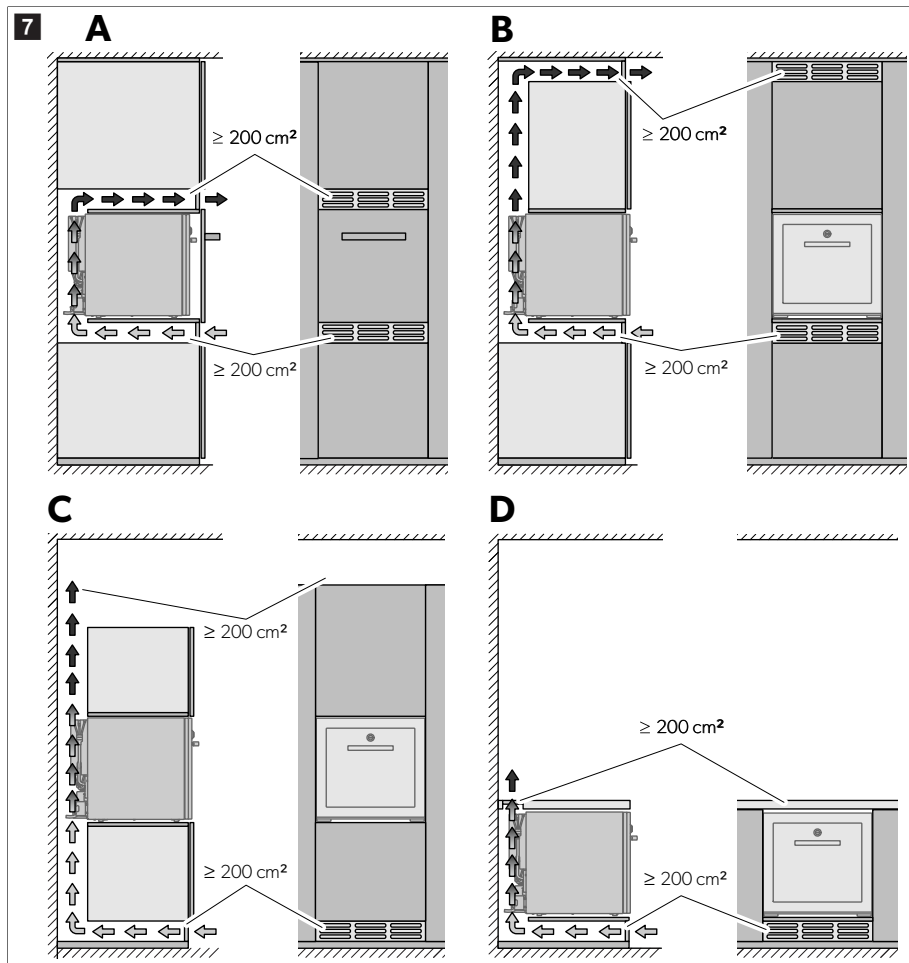


NOTICE! Damage hazard

- > 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.).

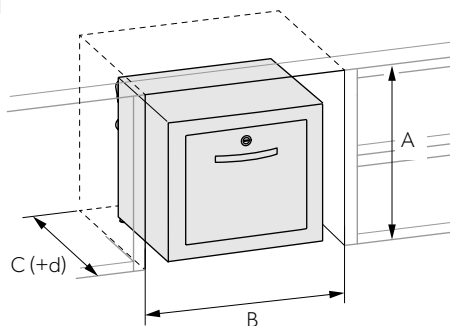
1. Choose the installation method that best meets your needs.

You can install the minibar in four different ways as shown in  Fig. **7** on page 12.



2. Observe the required installation recess.

8



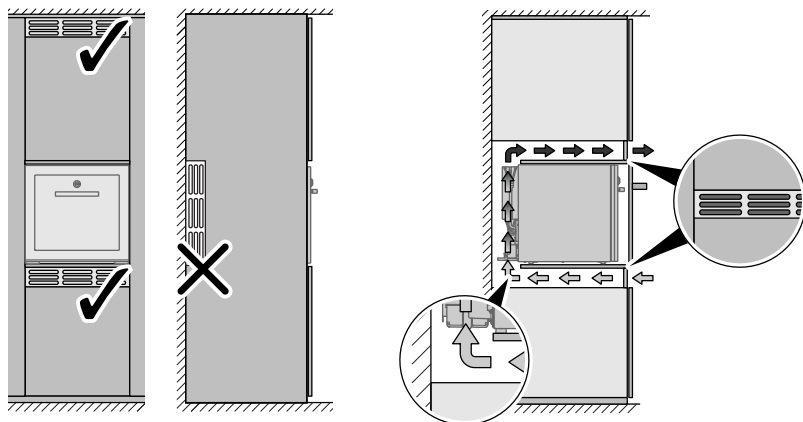
	A	B	C
DM50CD	443 mm	570 mm	490 mm
DM50CF	443 mm	570 mm	488+d mm



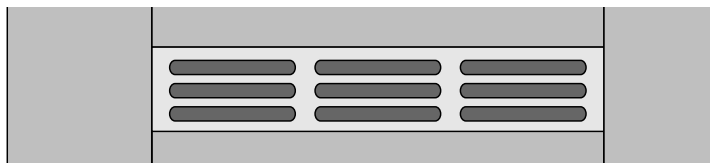
NOTE **d** is the thickness of the hotel's own decor.

- Observe the correct placement of the minibar and ventilation openings to ensure a proper air flow.

9



- Ensure the minimum clearance between the back of the minibar and the furniture wall (see  Fig. 6 on page 11).
- Make the ventilation openings.

10

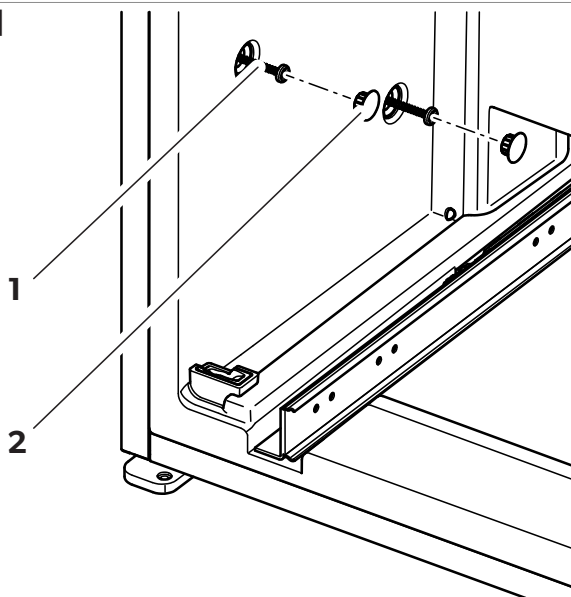
DM50CD, DM50CF

 +  + ≥

Air inlet Air outlet

200 cm² 200 cm²

6. Fasten the minibar with the four screws (1 in  Fig. 11 on page 14).

11No. in  Fig. 11 on page 14

Description

1

Screw $\varnothing 4 \times 45$ mm

2

Plug

7. Insert the four plugs (2 in  Fig. 11 on page 14) into the boring.

7.2 Connecting the minibar electrically

- > Connect the AC connection cable to the AC mains supply.
- ✓ The LED indicator lights up, and the minibar starts cooling the interior.

7.3 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.

7.4 Mounting the lock (lock models only)

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

8 Operation

8.1 Saving energy

- > Choose a well ventilated location which is protected from direct sunlight.
- > Allow warm food to cool down first before placing it in the refrigerator to keep cool.
- > Do not open the refrigerator more often than necessary.
- > Do not leave the refrigerator open for longer than necessary.
- > Defrost your refrigerator as soon as a layer of ice forms.
- > Avoid unnecessarily low temperatures.
- > Clean dust and dirt from the condenser at regular intervals.

8.2 Avoiding food waste

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 has an automatic temperature regulation function. Select the average of the possible temperature values.
- Adjust the temperature to the quantity and type of the foodstuff.

8.3 Using the minibar

The minibar starts cooling when connected to power. During normal operation, the LED indicator remains illuminated. If an error occurs, the error LED will blinking (see Troubleshooting on page 16).

8.3.1 Setting the sleep mode

In the sleep mode, the compressor stops and the minibar does not cool.

The sleep mode lasts for a maximum of 10 h , after which the minibar automatically returns to normal cooling.

If the power supply is disconnected and then restored during the sleep mode, the sleep mode remains active until the 10 h period ends.

- > Press briefly the setting button (4 in  Fig. 3 on page 9) to enter the sleep mode.
- ✓ 1. The lamp (1 in  Fig. 3 on page 9) turns off, and the LED indicator (3 in  Fig. 3 on page 9) remains on.
- 2. The minibar stops cooling.
- > Press briefly the setting button (4 in  Fig. 3 on page 9) to leave the sleep mode.
- ✓ 1. The lamp (1 in  Fig. 3 on page 9) turns on, and the LED indicator (3 in  Fig. 3 on page 9) remains on.
- 2. The minibar resumes cooling.

8.3.2 Setting the temperature

By default, the minibar is set to a cooling temperature of 7°C when the ambient temperature is 25°C.



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

1. Press the setting button (4 in  Fig. 3 on page 9) for 3 s .
- ✓ The lamp (1 in  Fig. 3 on page 9) starts to blink.
2. Press immediately the setting button (4 in  Fig. 3 on page 9) again to adjust the cooling temperature.

There are three available settings:

- 4°C
- 7°C
- 12°C

Each press of the button cycles through the settings in the following order:

4°C – 7°C – 12°C, and so on

- ✓ The lamp (1 in  Fig. 3 on page 9) indicates the setting temperature.

Temperature settings	Lamp flashing frequency
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.

9 Cleaning



WARNING! Electrocutation hazard

- > Always disconnect the refrigerator from the mains before you clean and service it.



NOTICE! Damage hazard

- > Never clean the device under running water or in dish water.
- > Do not use sharp or hard objects, abrasive cleaning agents or bleach during cleaning as these may damage the device.

- > Occasionally clean the product with a damp cloth.

10 Troubleshooting

Problem	Possible cause	Suggested remedy
Device does not function, LED indicator does not glow.	No voltage present in the AC socket.	> Try using another power socket.
	Defective power circuitry	This can only be repaired by an authorized service agent.
The device does not cool (plug is inserted, LED indicator glows).	Defective compressor	This can only be repaired by an authorized service agent.

Problem	Possible cause	Suggested remedy
The error LED flashes once per second.	Defective temperature sensor	This can only be repaired by an authorized service agent.
Device does not cool sufficiently, LED indicator glows, but the 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.

11 Disposal



Recycling packaging material: Place the packaging material in the appropriate recycling waste bins wherever possible. This separation is necessary, as packaging is a valuable resource and improper disposal may impact human health and the environment.



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.



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 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). 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.

A warranty period of one year applies. If the product is defective, please contact your retailer or the manufacturer's branch in your country (see dometic.com/dealer).

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

- 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. The benefits provided to you as the consumer by this warranty are in addition to other rights and remedies available to you under the law.

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

13 Technical data

	DM50CD	DM50CF
Voltage	220 V – 240 V , 50 – 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	
Climate class	N/T	
Intended ambient temperature use	16°C – 43°C	
Noise emission	60 Hz 30.55 dB(A)	
Main drawer dimensions (W×D×H)	423 mm × 372 mm × 275 mm	
Mini drawer dimensions (W×D×H)	159 mm × 285 mm × 88 mm	
Dimensions (W×D×H)	550 mm × 508 mm × 423 mm	550 mm × 480 mm × 423 mm
Weight	23 kg	22.4 kg
Refrigerant	R600a	
Refrigerant quantity	17 g	
Inspection/Certification		

Follow EPA use conditions.



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