DOMETIC

OPERATING MANUAL

Dometic convenience products for Fendt recreational vehicles







Refrigerator

Stove

Switching power supply

Windows

Smoke alarm

EN

FENDT CARAVAN

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General information

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 kampaoutdoors.com.

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 Disclaimer

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 operating 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.

3 Disposal



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

➤ Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.

4 Warranty

The statutory warranty period 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.

DOMETIC

REFRIGERATION 10 SERIES



Refrigerator

RMD 10.5 T, RMD 10.5 XT

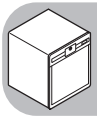
RML 10.4 T

RCL 10.4 ET

RCD 10.5 XT

RMS 10.5 XT

Absorber refrigerator RMD10.5T, RMD10.5XT



1 Safety instructions

1.1 General safety



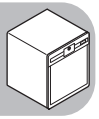
WARNING! Failure to obey these warnings could result in death or serious injury.

Electrocution hazard

- Installation and removal of the refrigerator may only be carried out by qualified personnel.
- 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.
- 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 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 (smell of ammonia):
  - Keep naked flames and potential ignition sources away from the refrigerator.
  - Ventilate the room well.
  - Switch off the refrigerator.



For refrigerators with R600a refrigerant:

- The refrigeration circuit contains a small quantity of an environmental friendly but flammable refrigerant. It does not damage the ozone layer and does not increase the greenhouse effect. Any leaking refrigerant may ignite.
- Do not use or store the refrigerator in confined spaces with none or minimal air flow.

Explosion hazard

- Do not spray aerosols in the vicinity of this refrigerator while it is in operation.
- Do not store any explosive substances, such as spray cans with propellants, in the refrigerator.

Health hazard

- This refrigerator 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 refrigerator in a safe way and understand the hazards involved.
- Children aged from 3 to 8 years are allowed to load and unload the refrigerator.
- Cleaning and user maintenance may not be carried out by unsupervised children.
- Children must be supervised to ensure that they do not play with the refrigerator.

Risk of child entrapment

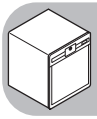
- Make sure that the shelves are mounted and secured so that children cannot lock themselves in the refrigerator.
- Before disposing of your old refrigerator:
  - Dismantle the drawers.
  - Leave the shelves in the refrigerator so that children cannot climb inside.



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

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 use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not open or damage the refrigerant circuit under any circumstances.
- Do not use electrical devices inside the refrigerator unless they are recommended by the manufacturer for that purpose.

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.



NOTICE! Damage hazard

- Check that the voltage specification on the data plate is the same as that of the power supply.
- Do not place the refrigerator near heat sources (heaters, direct sunlight, gas ovens, etc.).
- Keep the condensate drain clean at all times.
- Do not use a high-pressure cleaner near the ventilation grille when cleaning the vehicle.
- The refrigerator may not be exposed to rain.

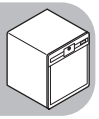
2 Intended use

The device is suitable for:

- Installation in motorhomes and caravans
- Cooling, deep-freezing and storing food

The device is **not** suitable for:

- Storing medications
- Storing caustic substances or substances that contain solvents
- Freezing of food



3 Accessory

Description
Winter cover LS300 for the ventilation grille
Optional Fan Kit REF-FANKIT
Optional Battery Pack R10-BP for stand-alone gas operation
Optional Ø2.5/5.5 mm connector for stand-alone gas mode with a 9 V⎓ powerbank (powerbank not included)

4 Technical description

The refrigerator is an absorber refrigerator and is designed for operation

- On a 12-V DC power supply
- On an AC power supply
- With liquefied gas (propane or butane)

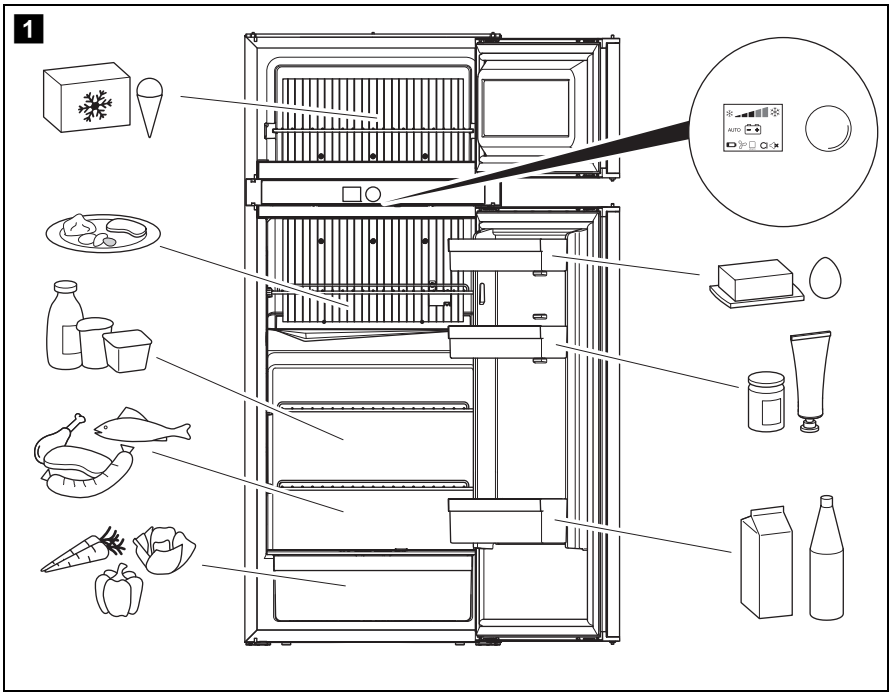
The refrigerator has an automatic operating mode that selects the most economical connected type of energy. The refrigerator unit operates silently.

4.1 Operating and display elements

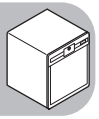
RMD 10.5T and RMD 10.5XT

The TFT display features the following operating and display elements (fig. **1**):

1



Icon	Description
❄ ▂▃▅▆ ❄	Cooling capacity indicator
	Operating with AC power
	Operating with DC power
	Operating with gas
AUTO	Automatic mode: In automatic mode the refrigerator automatically selects the most economical operating mode according to the following priority: AC power DC power Gas



Icon	Description
	Battery: Symbol lights up when the battery packs (optional) are inserted and the device is in stand-alone gas mode.
	Frame heater: Symbol lights up when the frame heater is operating. The frame heater of the freezer compartment reduces condensation.
CI	Symbol lights up when the refrigerator is connected to the CI bus.
	Dim TFT display After 30 seconds, the brightness of the display is reduced to the set level.
	Beep off: Error messages and warnings are not signaled acoustically. Door left open for a longer period is signaled acoustically.
	Beep on: Error messages, warning messages and door left open for an extended period are signaled acoustically.
	Confirm selection and return to the main menu.

5 Operating the refrigerator

NOTE

- Before starting your new refrigerator for the first time, clean it inside and outside with a damp cloth for hygienic reasons.
- When using the refrigerator for the first time, there may be a mild odor which will disappear after a few hours. Air out the living space well.
- Park the vehicle so that it is level, especially when starting up and filling the refrigerator before setting off on a journey.
- The cooling capacity can be influenced by:
  - The ambient temperature (e.g. when the vehicle is exposed to direct sunlight)
  - The amount of food to be refrigerated
  - How often you open the door

5.1 Tips for optimal refrigerator operation

- Do not store goods in the refrigerator for the first 12 hours of operation.
- Protect the interior of the vehicle from warming up excessively (e.g. sunshades in the windows, air conditioner).
- Protect the refrigerator from direct sunlight (e.g. sunshades in the windows).

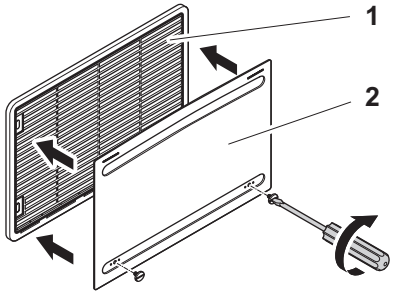
5.2 Operating in low outdoor temperatures

NOTICE! Damage hazard
In AC operation and DC operation, install **both** winter covers. In gas mode or automatic mode, install only the **lower** winter cover. This prevents heat from building up and ensures the fumes from the refrigerator can dissipate properly.

NOTE
Cold air can affect the performance of the cooling unit. Install the winter covers if you determine a loss of cooling capacity at low ambient temperatures.

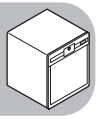
➤ Install the LS300 winter covers (accessory) as shown (fig. **2**).

2



5.3 Operation at high ambient temperatures

At high ambient temperatures in combination with high levels of humidity, condensation may form on the freezer compartment frame. The freezer compartment is equipped with a frame heater to reduce condensation on the frame of the freezer compartment.



The frame heater is switched on continuously in the following operating modes:

- AC operation
- DC operation (when the engine of the vehicle is running)

In gas operation, the frame heater can be switched on manually.

5.4 Switching on the refrigerator

➤ Press the control button for 2 seconds.

✓ The refrigerator starts with the last selected settings.

5.5 Switching off the refrigerator

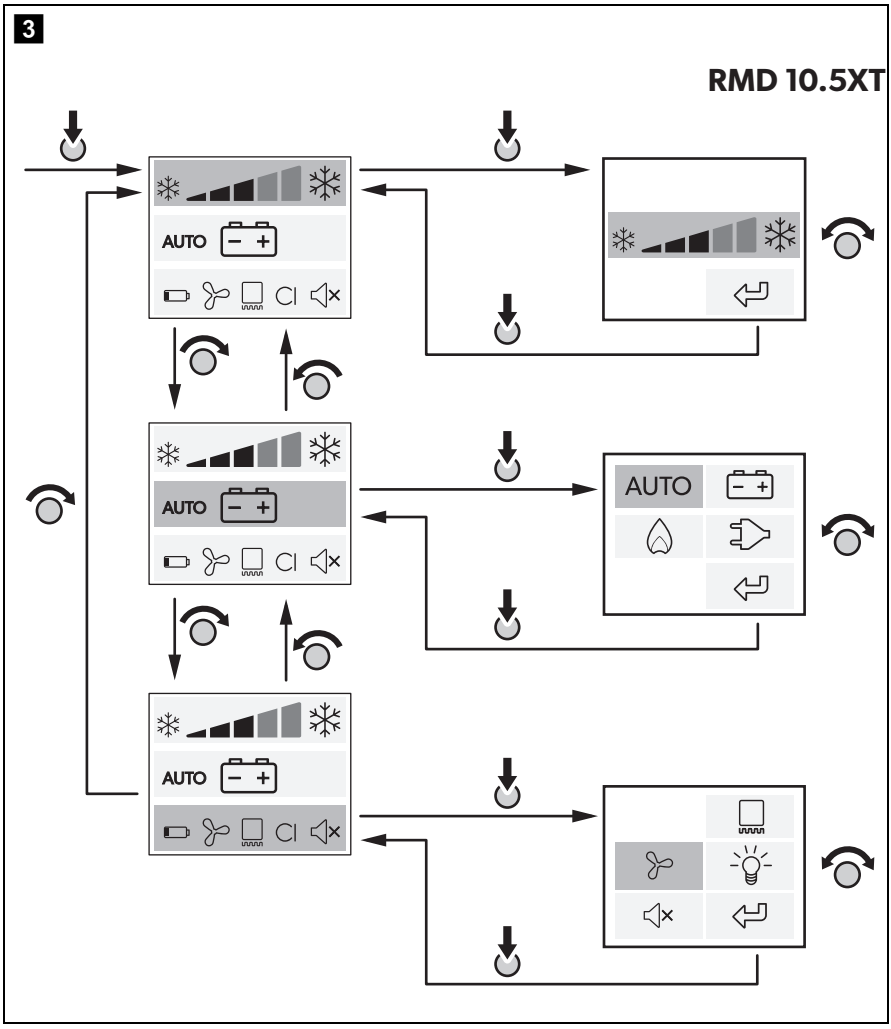
➤ Press the control button for 4 seconds.

✓ A beep sounds and the refrigerator switches off.

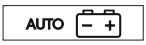
5.6 Operating the refrigerator

Menu navigation fig. **3**

➤ Press the control knob to activate the TFT display.



The main menu is divided into three lines:

Main menu	Description
	Cooling capacity menu
	Operating mode menu
	Settings menu

1. Turn the control knob to select the desired menu.
2. Press the control knob to open the selected menu.
3. Turn the control knob to navigate through the menu.

✓ The selected settings are displayed in blue.

4. Press the control knob to choose the selected setting.
5. Confirm the selection with ⏎.

5.7 Tank stop mode

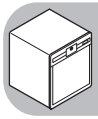
WARNING!
Turn off the refrigerator or select a different operating mode if refueling takes longer than 15 minutes.

If the vehicle's ignition is switched off, the refrigerator will switch to tank stop mode for safety reasons. This blocks gas operation for 15 minutes. The refrigerator then automatically switches back to the standard automatic mode.

In tank stop mode, the symbol is displayed.

5.8 Stand-alone gas operation (accessory)

WARNING!
In stand-alone gas mode, the refrigerator must be switched off manually during refueling.



NOTE
- When no AC or DC power is connected, there is a load on the batteries even when the refrigerator is turned off.
- Remove the batteries when the refrigerator is not in use (risk of leakage).

For stand-alone gas mode, the optional battery packs must be installed. This make connecting to AC or DC power unnecessary.

When using 12 batteries (type AA), the refrigerator can be operated in stand-alone gas mode for 2 to 3 days.

Note the following special features for stand-alone gas mode:
- The light inside the refrigerator remains switched off.
- The display turns off 2 seconds after the last activity.
- The display switches on briefly every 15 seconds. This indicates that the refrigerator is on.
- If there are error messages, the display stays switched on.

Stand-alone gas mode is indicated by the symbols and .

The batteries of the battery packs must be replaced when the error "E 14" is displayed.

5.9 Fan operation (optional)

For fan operation the optional fan must be installed.

When the device is switched on, the fan is switched on briefly (function test). During device operation, the fan only switches on:
- When the ambient temperature is above 32 °C.
- When the set cooling temperature is not reached within 2 hours.
- When the fan function is activated.

The fan operation is indicated by the symbol .

5.10 Setting the cooling capacity

NOTE
For ambient temperatures of +15 °C to +25 °C, select the average cooling capacity.

➤ Set the cooling capacity:
– Select the desired temperature level in the cooling capacity menu.

5.11 Using the refrigerator door/freezer compartment door

CAUTION! Risk of injury
- The refrigerator door or freezer compartment door can completely detach from the device if used incorrectly.
- Do not lean on the open refrigerator door.

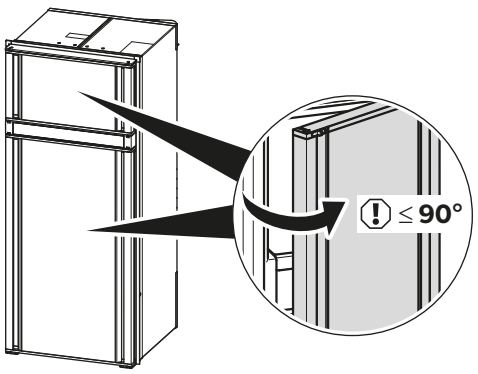
NOTE
If the door is not locked correctly on the opposite side, carefully push on the top and bottom of the door on that side until it locks into place.

Closing and locking the refrigerator door/freezer compartment door

➤ Press the door shut until you hear it clearly click at the top and bottom.

✓ The door is closed and secured.

4



5.12 Notes on storing food

CAUTION! – Health hazard!

- Check if the cooling capacity of the refrigerator is suitable for the food you want to cool.
- Opening the door for a longer period of time can cause a considerable increase in temperature in the compartments of the device.
- Store raw meat and fish in suitable containers in the device so that they do not come into contact with or drip onto other food.
- Foodstuff may only be stored in its original packaging or in suitable containers.
- The freezer compartment is suitable for making ice cubes and for keeping frozen food. It is not suitable for freezing previously unfrozen food.
- If the refrigerator is subjected to a room temperature below +10 °C for a longer period of time, even regulation of the freezer compartment temperature cannot be guaranteed. This can lead to an increase of the freezer compartment temperature and the goods stored in it may defrost.

NOTICE!

- The maximum weight per door shelf is 6 kg. The maximum weight for the entire door is 7.5 kg.
- Store heavy objects such as bottles or cans in the refrigerator door, in the lower storage compartment or on the bottom shelf only.
- Do not keep carbonated drinks in the freezer compartment.

➤ Store food as shown in fig. **1** , page 19.

Using the VG fresh base

NOTICE!
The maximum load capacity of the VG fresh base is 5.5 kg.

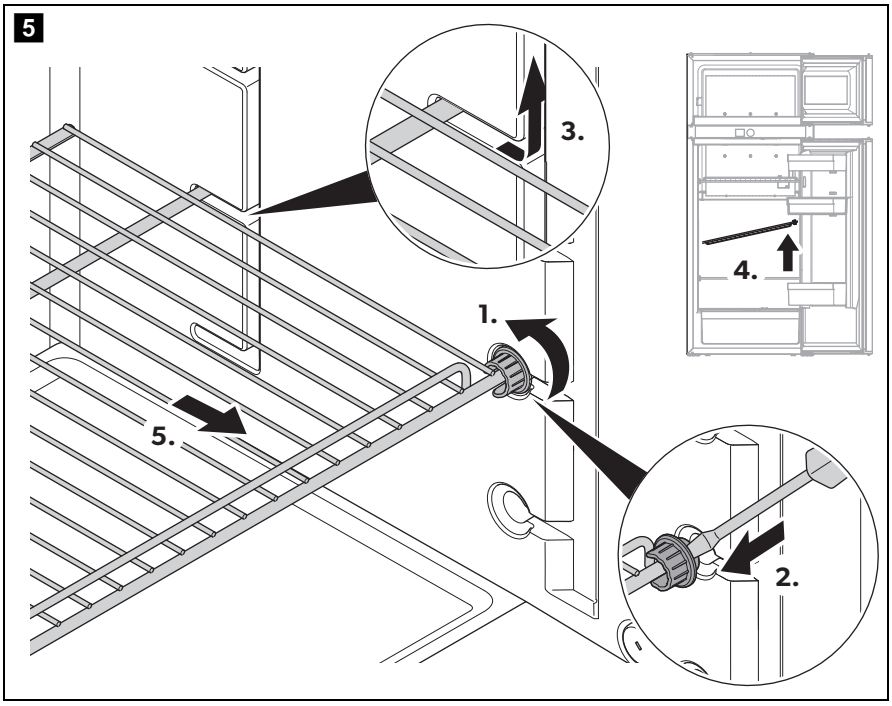
Using the slider in the VG fresh base, the humidity in the vegetable compartment below can be regulated:

Goods to be cooled		Optimal humidity		Slider position
Vegetables		High	◊◊◊	➤ Close the slider.
Fruit		Low	◊	➤ Open the slider.

5.13 Positioning the shelves

WARNING! Risk of child entrapment
All shelves are fixed in place to prevent children from climbing inside the refrigerator.
- Only remove the shelves for cleaning purposes.
- Refit the shelves and secure them in place.

➤ Remove the shelf as shown (fig. **5**, page 29).

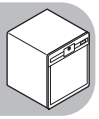


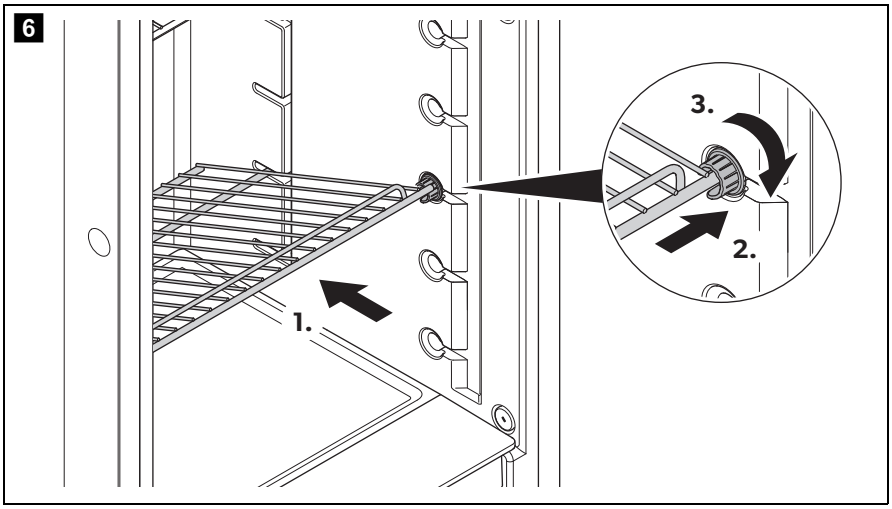
➤ Re-assemble the shelf in the reverse order.

Positioning the shelf at an angle for wine bottles

NOTICE!
While driving, the shelf in the angled position must **not** be filled.

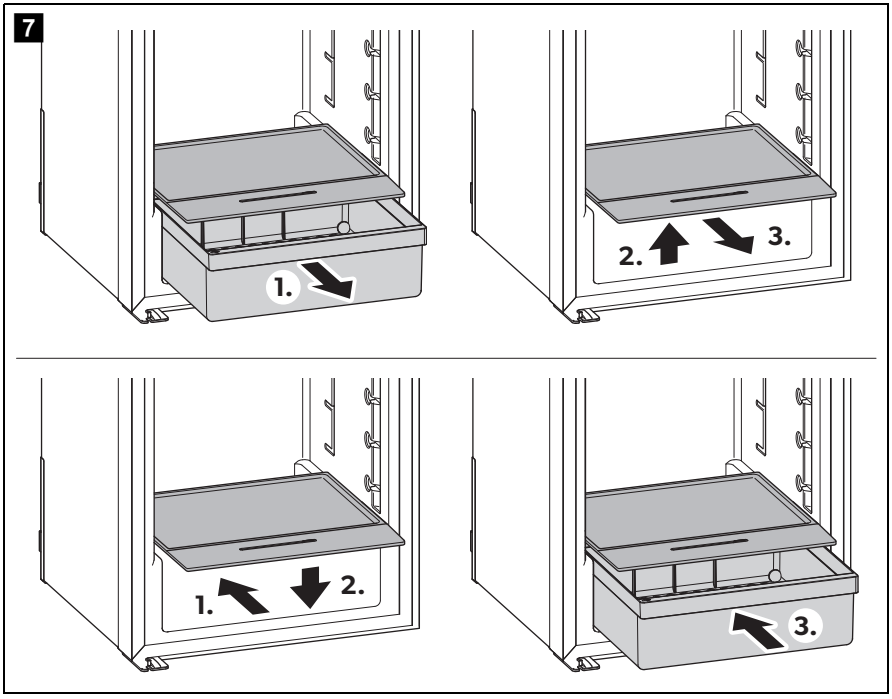
➤ Change the position of the shelf as shown (fig. **6** , page 30).





Removing and inserting the VG fresh base

➤ Proceed as shown (fig. **7**).



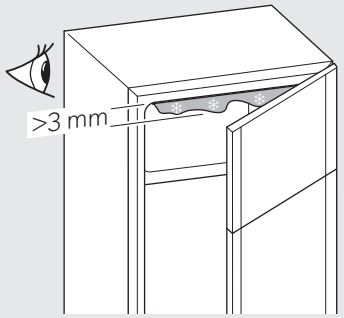
5.14 Defrosting the refrigerator

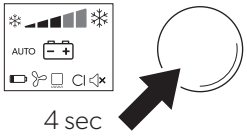
NOTICE!
Do not use mechanical tools or a hair dryer to remove ice or to loosen frozen items.

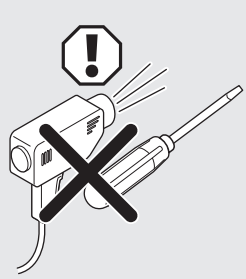
NOTE
Over time, frost will develop on the cooling fins inside the refrigerator. Once the layer of frost is about 3 mm thick, you should defrost the refrigerator.

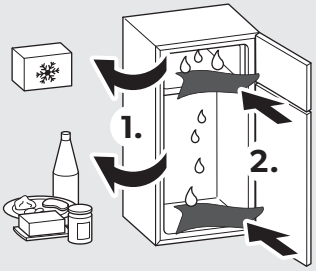
➤ Proceed as shown (fig. **8**, page 32).

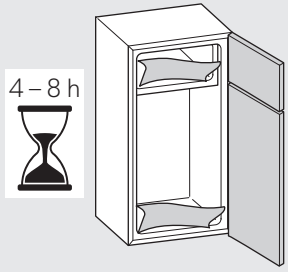
8

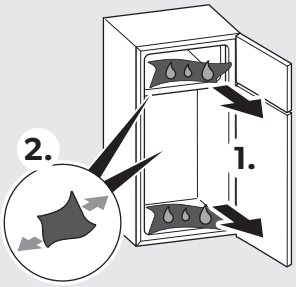












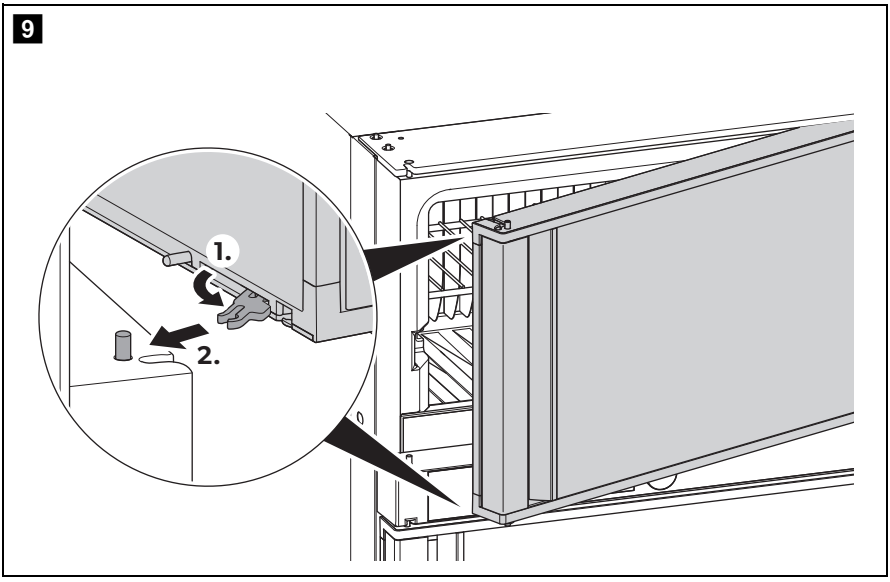
5.15 Positioning the refrigerator door in winter position

CAUTION!
The winter position may **not** be used while driving.

Place the refrigerator door and the freezer compartment door into the winter position if you are not going to use the refrigerator for an extended period of time. This prevents mould from forming.

1. Defrost the refrigerator (chapter "Defrosting the refrigerator" on page 31).
2. Turn the hook near the securing mechanism all the way at the top and bottom of one side of the door (fig. **9**).

9



3. Press against the refrigerator door.

✓ The protruding pin snaps into the hook.

Open the door in winter mode as follows:

1. Pull the door toward you.
2. Push in the protruding hooks at the top and bottom of the door.

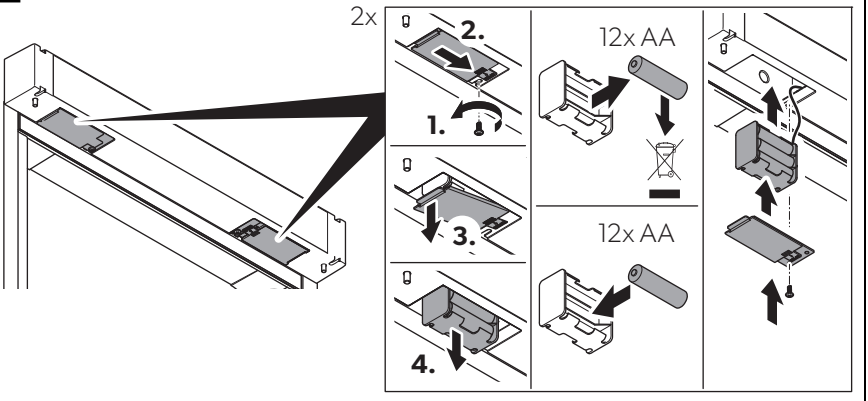
5.16 Optional battery packs

If the vehicle's own 12V DC battery power supply is unavailable or if the power supply is cut off while the device is in operation, the electronic control unit automatically switches over to the internal battery power (if batteries are inserted).

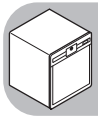
The compartments for the battery packs **(not included in the scope of delivery)** are located on the right and left under the operating element. A total of 12 AA batteries are needed.

➤ Proceed as shown to insert the batteries (Fig. **10**).

10

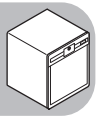


6 Troubleshooting



NOTE
To safely operate 12 V consumer units in the caravan while driving, it must be ensured that the towing vehicle provides sufficient voltage. On some vehicles, the battery management system may automatically switch off the consumer units to protect the battery. Ask your vehicle manufacturer for more information.

Fault	Possible cause	Suggestion
In AC power mode: The refrigerator does not work.	The fuse in the AC power supply is defective.	➤ Replace the fuse.
	The vehicle is not connected to the AC power supply.	➤ Connect the vehicle to the AC mains.
	The AC heating element is defective.	➤ Contact an authorized service agent.
In DC power mode: The refrigerator does not work.	The fuse in the DC cable is defective.	The fuse on the relay must be replaced. ➤ Contact an authorized service agent.
	The vehicle fuse has blown.	➤ Replace the vehicle fuse. (Refer to the operating manual of your vehicle.)
	The vehicle battery is discharged.	➤ Test the battery and charge it.
	The ignition is not switched on.	➤ Switch on the ignition.
	The DC heating element is defective.	➤ Contact an authorized service agent.
In gas mode: The refrigerator does not work.	The gas cylinder is empty.	➤ Replace the gas cylinder.
	The gas valve is closed.	➤ Turn the valve to open.
	Air is in the gas line.	➤ Switch the refrigerator off and on again. Repeat the procedure three or four times if necessary. ➤ If available, switch on the stove and repeat the process with the refrigerator if necessary.
In automatic mode: The refrigerator is being operated with gas although it is connected to the AC power supply.	The grid voltage is too low.	The refrigerator automatically switches back to AC power supply as soon as the grid voltage is sufficient again.



Fault	Possible cause	Suggestion
The refrigerator is not adequately cooling.	The ventilation around the cooling unit is not sufficient.	➤ Check that the ventilation grille is not obstructed.
	The evaporator is iced up.	➤ Check whether the refrigerator door closes properly. Ensure that the refrigerator seal fits correctly and is not damaged. Defrost the refrigerator.
	The temperature is set too high.	➤ Set a lower temperature.
	The ambient temperature is too high.	➤ Remove the ventilation grille for a while so that warm air can escape quicker.
	Too much food was placed in the refrigerator at once.	➤ Remove some of the food.
	Too much warm food was placed in the refrigerator at the same time.	➤ Remove the warm food and leave it to cool down before putting it in again.
	The refrigerator has not been operating for very long.	➤ Check the temperature again after four or five hours.

6.1 Fault messages and signal tones

All faults are indicated by a warning symbol, a fault ID and a beep. The beeping lasts for 2 minutes and is repeated every 30 minutes until the error has been rectified.

If multiple faults occur, the display shows the last fault. The underlying faults are displayed after the last fault has been confirmed.

Faults are indicated by a fault code with a warning symbol (⚠) in the middle of the TFT display.

WARNING type fault messages

All faults of the WARNING type are reset automatically once the fault has been rectified.

RMD10.5T, RMD10.5XT	Fault	Solution
W01	Defective temperature sensor in the refrigerator compartment	➤ Contact an authorized service agent.
W05	AC power not connected or AC voltage < 190 V	➤ Connect the refrigerator to AC power or select a different energy type, e.g. gas or DC power.

RMD10.5T, RMD10.5XT	Fault	Solution
W06	DC power not connected	➤ Connect the refrigerator to DC power or select a different energy type, e.g. gas or AC power.
W11	DC overvoltage (>16 V)	➤ Reduce the DC supply voltage.
	Tank stop mode: Gas operation is blocked for 15 minutes.	➤ Wait 15 minutes or switch to another opera-ting mode.
 W10 + beep	The door is opened for more than 2 minutes.	➤ Close the door.

ERROR type fault messages

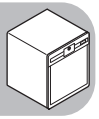
All faults of the ERROR type must be reset manually:

➤ Press the control knob for 2 seconds.

✓ A beep sounds.

✓ The error has been reset.

RMD10.5T, RMD10.5XT	Fault	Solution
E03	No connection between power module and display	➤ Contact an authorized service agent.
E07	No cooling capacity in gas mode	➤ Check if the device is at an angle and adjust it if necessary. ➤ Reset the error. ➤ Contact an authorized service agent if this error occurs again.
E08	No cooling power in AC mode	➤ Check if the device is at an angle and adjust it if necessary. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E09	No cooling power in DC mode	➤ Check if the device is at an angle and adjust it if necessary. ➤ Reset the error. ➤ Contact service agent if this error occurs again.

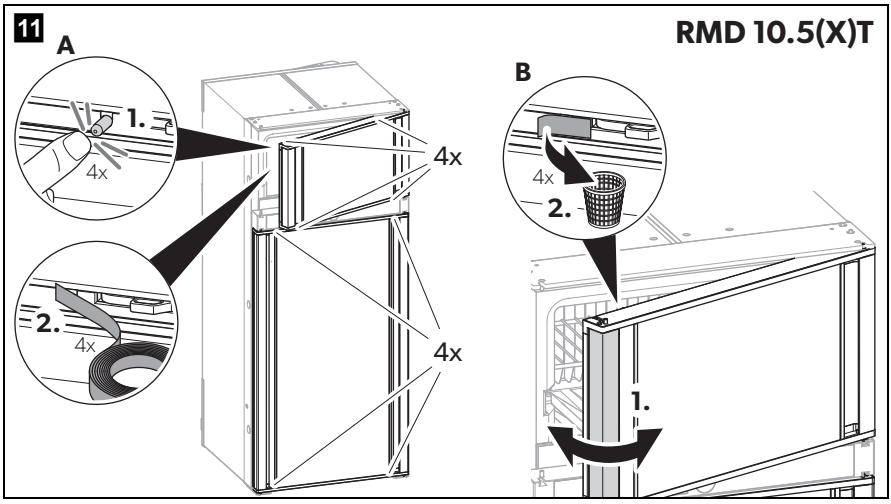


RMD10.5T, RMD10.5XT	Fault	Solution
E12	Gas valve test error	Gas operation is not possible. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E13	Internal communication error	Gas operation not possible. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E14	In stand-alone gas mode: The battery charge of the battery packs is too low	➤ Insert new batteries and then reset the error.
E50	Gas lock after 3 ignition attempts	Ignition not possible. ➤ The gas cylinder is empty. Exchange the gas cylinder. ➤ Reset the error.
E51	Gas lock, internal error in the power module	➤ Reset the error. ➤ Contact service agent if this error occurs again.
E52	Ground contact, gas valve	➤ Reset the error. ➤ Contact service agent if this error occurs again.
E53	Ground contact, ignition electrode	➤ Reset the error. ➤ Contact service agent if this error occurs again.

Refrigerator door/freezer compartment door does not close

NOTE
If the door no longer closes, then the door handle is blocked on the opened side.

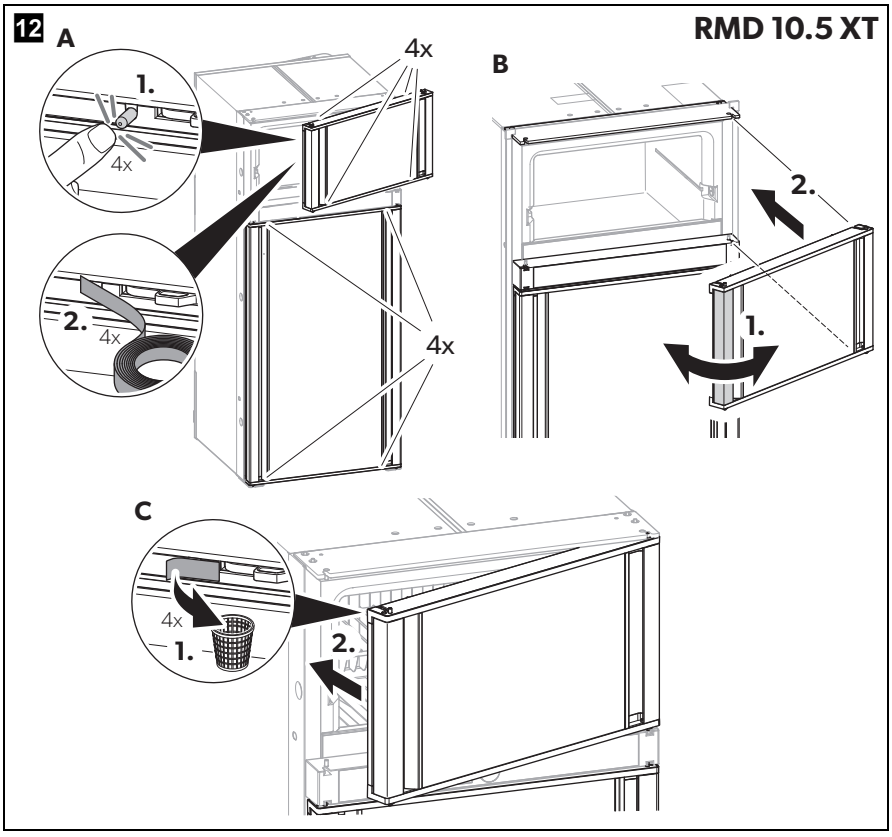
➤ Remove the door handle blockage as shown (fig. **11**).



Refrigerator door/freezer compartment door has completely detached from the device

CAUTION! Risk of injury
The door can completely detach from the device if the locking pins have been tampered with or are twisted.

➤ Insert the door as shown (fig. **12**, page 40).



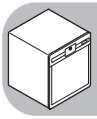
7 Cleaning and maintenance

WARNING!
Always disconnect the refrigerator from the energy supply before you clean and service it.

NOTICE!
When cleaning, never use sharp cleaning agents or hard or pointed tools to remove layers of ice or to loosen objects which have frozen in place.

➤ Clean the refrigerator regularly and when it gets dirty using a damp cloth.

➤ Ensure that no water drips into the seals. This can damage the electronics.



➤ Wipe the refrigerator dry with a cloth after cleaning.

➤ Check the condensate drain regularly.

Clean the condensate drain when necessary. If it is blocked, the condensate collects on the bottom of the refrigerator.

➤ Ensure that the ventilation grills in the outer wall of the motorhome or caravan and the refrigerator roof ventilator are free from dust and pollutants. This ensures that the heat generated during operation can be dispersed, the refrigerator is not damaged and the cooling capacity is not reduced.

7.1 Cleaning the gas burner



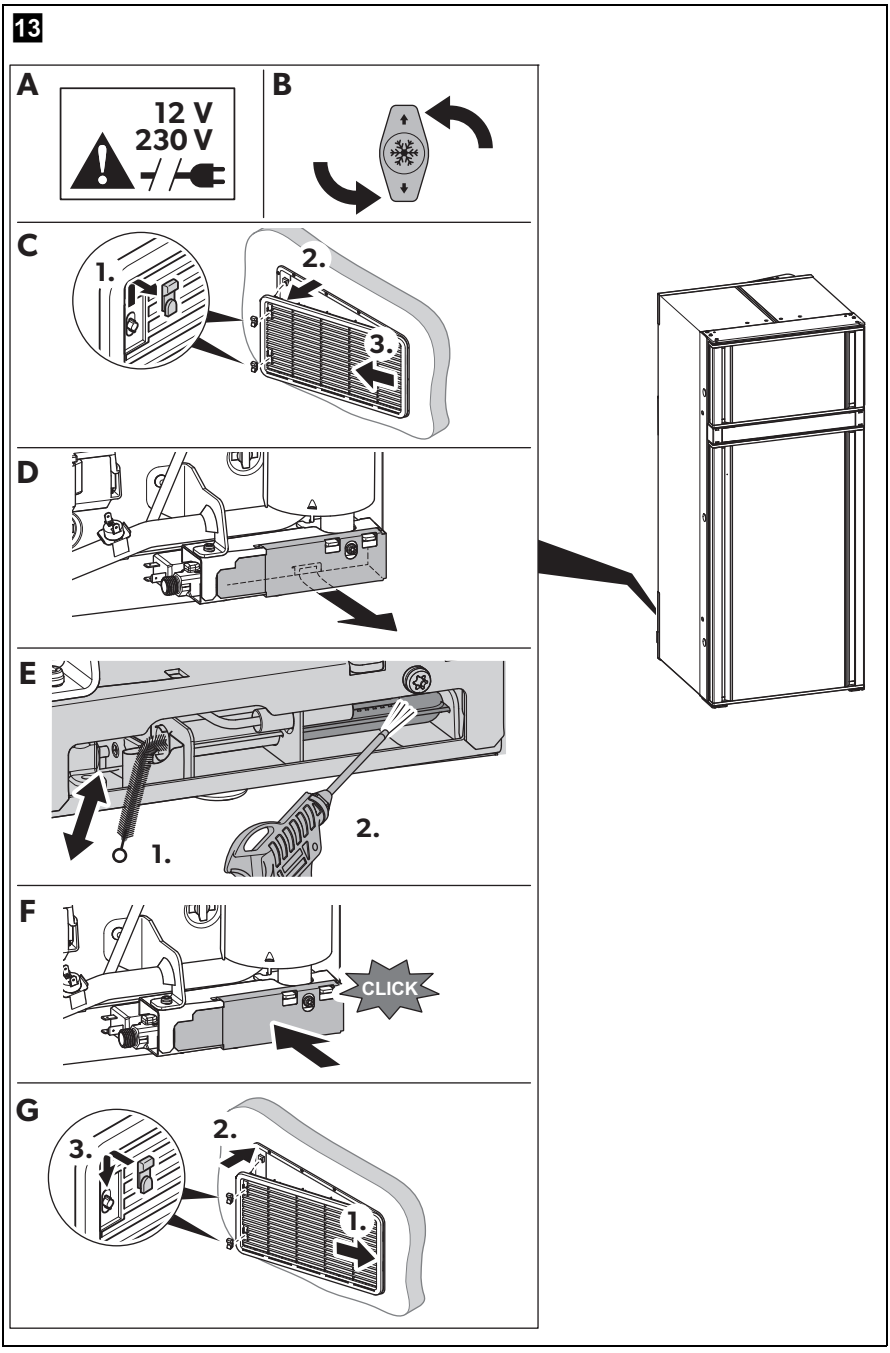
WARNING!
- Allow the burner to cool down before cleaning it.
- Do not modify the gas equipment.



NOTE
- Dirt in the gas burner is indicated by poor ignition or deflagrations.
- The manufacturer recommends also cleaning the burner after not being used for a longer period and at least once a year.
- When using liquefied petroleum gas, the cleaning interval is reduced to half yearly or quarterly, depending on the level of dirt.

➤ Proceed as shown (fig. **13**, page 42).

13



7.2 Maintenance

WARNING!
Work on gas and electrical installations may only be performed by qualified technicians.

- ➤ Have the gas system and connected flues inspected before starting up the device for the first time, and by an authorized professional every two years to ensure they comply with the national safety requirements.
- ➤ Keep a record of any maintenance performed.

8 Disposal

NOTE
Only have the device removed and disposed of by a specialist.

Recycling products with batteries, rechargeable batteries and light sources



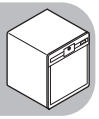
- ➤ Remove any batteries, rechargeable batteries, and light sources before recycling the product.
- ➤ Return defective or used batteries to your retailer or dispose of them at collection points.
- ➤ Do not dispose of any batteries, rechargeable batteries, and light sources with general household waste.
- ➤ 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.
- ➤ The product can be disposed free of charge.

9 Warranty

The statutory warranty period 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.

10 Technical data

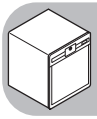
	RMD10.5T	RMD10.5XT
Connection voltage:	230 V~ /50 Hz 12 V⎓	
Capacity Gross volume: Refrigerator compartment: Freezer compartment: Total net capacity:	 153 l 124 l 29 l 147 l	 177 l 142 l 35 l 171 l
Power input:	250 W (230 V~) 170 W 12 V⎓	
Energy consumption:	4.4 kWh/24 h (230 V~)	
Gas consumption:	580 g/24 h	
Climate class:	SN	
Dimensions (h x w x d):	1245 x 523 x 550 mm	1245 x 523 x 605 mm
Weight:	40 kg	41.5 kg
Inspection/certification:	CE E1 UK CA	

For the current EU Declaration of Conformity for your device, please refer to the respective product page on dometic.com or contact the manufacturer directly (see back page).

Detailed information

dometic.com

Absorber refrigerator RML10.4, 10.4 S, 10.4 T



1 Safety instructions

1.1 General safety



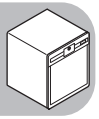
WARNING! Failure to obey these warnings could result in death or serious injury.

Electrocution hazard

- Installation and removal of the refrigerator may only be carried out by qualified personnel.
- 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.
- 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 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 (smell of ammonia):
  - Keep naked flames and potential ignition sources away from the refrigerator.
  - Ventilate the room well.
  - Switch off the refrigerator.



For refrigerators with R600a refrigerant:

- The refrigeration circuit contains a small quantity of an environmental friendly but flammable refrigerant. It does not damage the ozone layer and does not increase the greenhouse effect. Any leaking refrigerant may ignite.
- Do not use or store the refrigerator in confined spaces with none or minimal air flow.

Explosion hazard

- Do not spray aerosols in the vicinity of this refrigerator while it is in operation.
- Do not store any explosive substances, such as spray cans with propellants, in the refrigerator.

Health hazard

- This refrigerator 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 refrigerator in a safe way and understand the hazards involved.
- Children aged from 3 to 8 years are allowed to load and unload the refrigerator.
- Cleaning and user maintenance may not be carried out by unsupervised children.
- Children must be supervised to ensure that they do not play with the refrigerator.

Risk of child entrapment

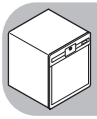
- Make sure that the shelves are mounted and secured so that children cannot lock themselves in the refrigerator.
- Before disposing of your old refrigerator:
  - Dismantle the drawers.
  - Leave the shelves in the refrigerator so that children cannot climb inside.



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

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 use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not open or damage the refrigerant circuit under any circumstances.
- Do not use electrical devices inside the refrigerator unless they are recommended by the manufacturer for that purpose.

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.

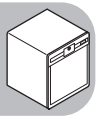


NOTICE! Damage hazard

- Check that the voltage specification on the data plate is the same as that of the power supply.
- Do not place the refrigerator near heat sources (heaters, direct sunlight, gas ovens, etc.).
- Keep the condensate drain clean at all times.
- Do not use a high-pressure cleaner near the ventilation grille when cleaning the vehicle.
- The refrigerator may not be exposed to rain.

2 Accessories

Designation
Winter cover LS 230 for the ventilation grille
Winter cover LS 330 for the ventilation grille
Optional fan kit REF-FANKIT
Optional battery pack R10-BP for stand-alone gas mode
Optional Ø2.5/5.5 mm plug for stand-alone gas mode with a 9 V⎓ powerbank



3 Intended use

The device is suitable for:

- Installation in motorhomes and caravans
- Cooling, deep-freezing and storing food

The device is **not** suitable for:

- Storing medications
- Storing caustic substances or substances that contain solvents
- Freezing of food

4 Technical description

The refrigerator is an absorber refrigerator and is designed for operation

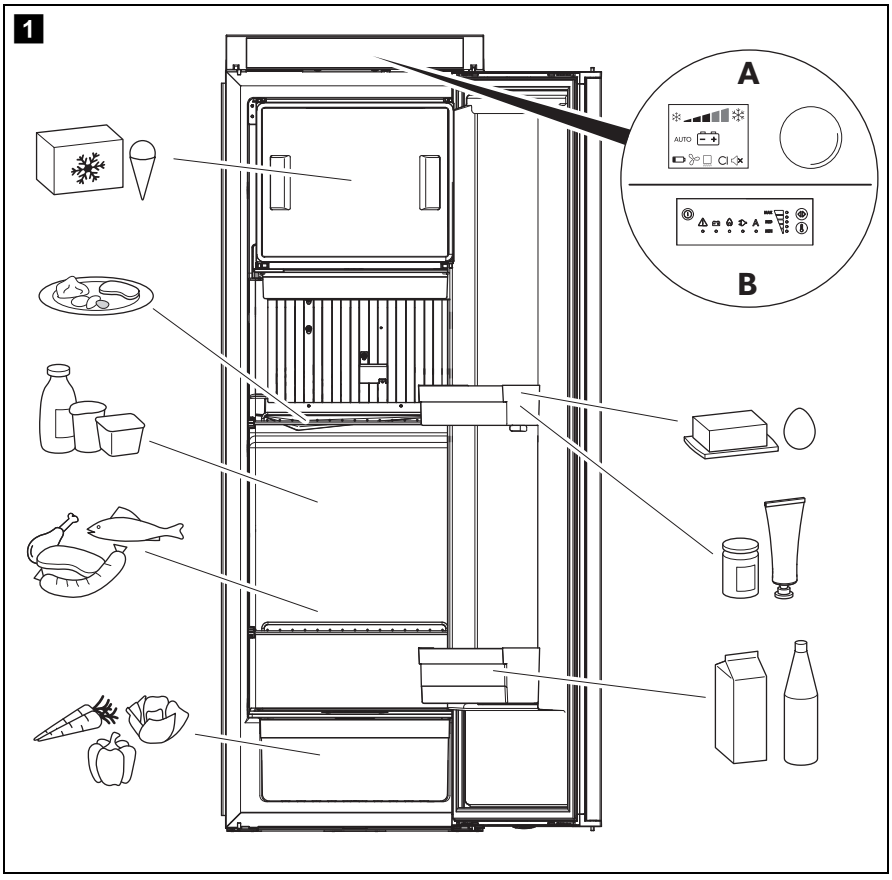
- On a DC power supply (12 V)
- On an AC power supply
- With liquefied gas (propane or butane)

The refrigerator has an automatic operating mode that selects the most economical type of energy connected. The refrigerator unit operates silently.

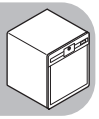
4.1 Operating and display elements

RML10.4T

The TFT display features the following operating and display elements (fig. **1** A):



Icon	Description
❄ ▂▃▅▇ ❄	Cooling capacity indicator
	Operating with AC power
− +	Operating with DC power
	Operating with gas



Icon	Description
AUTO	Automatic mode: In automatic mode, the refrigerator automatically selects the most economical operating mode in the following order of priority:
	Battery: Symbol lights up when the battery packs (optional) are inserted and the device is in stand-alone gas mode.
	Frame heater Symbol lights up when the frame heater is operating. The frame heater of the freezer compartment reduces condensation.
CI	Symbol lights up when the refrigerator is connected to the CI bus.
	Dim TFT display After 30 seconds, the brightness of the display is reduced to the set level.
	Beep off: Error messages and warnings are not signaled acoustically. Door left open for a longer period is signaled acoustically.
	Beep on: Error messages, warning messages and door left open for an extended period are signaled acoustically.
	Confirm selection and return to the main menu

RML10.4 and RML10.4S

The LED display features the following operating and display elements (fig. **1** B, page 49):

Icon	Description
	ON/OFF button
	Fault indicator
	Operating with DC power
	Operating with gas
	Operating with AC power

Icon	Description
A	Automatic mode
	Temperature indicator
MODE	Energy selection button
	Temperature selection button

5 Operating the refrigerator

NOTE

- Before starting your new refrigerator for the first time, clean it inside and outside with a damp cloth for hygienic reasons.
- When using the refrigerator for the first time, there may be a mild odor which will disappear after a few hours. Air out the living space well.
- Park the vehicle so that it is level, especially when starting up and filling the refrigerator before setting off on a journey.
- The cooling capacity can be influenced by:
  - the ambient temperature (e.g. when the vehicle is exposed to direct sunlight)
  - the amount of food to be refrigerated
  - how often you open the door

5.1 Tips for optimal refrigerator operation

- Do not store goods in the refrigerator for the first 12 hours of operation.
- Protect the interior of the vehicle from warming up excessively (e.g. sunshades in the windows, air conditioner).
- Protect the refrigerator from direct sunlight (e.g. sunshades in the windows).

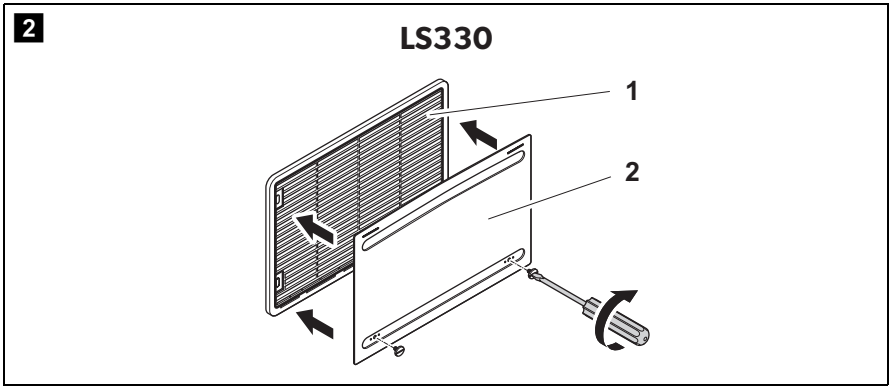
5.2 Operating in low outdoor temperatures

NOTICE!
In AC operation and DC operation, install **both** winter covers. In gas mode or automatic mode, install only the **lower** winter cover. This prevents heat from building up and ensures the fumes from the refrigerator can dissipate properly.

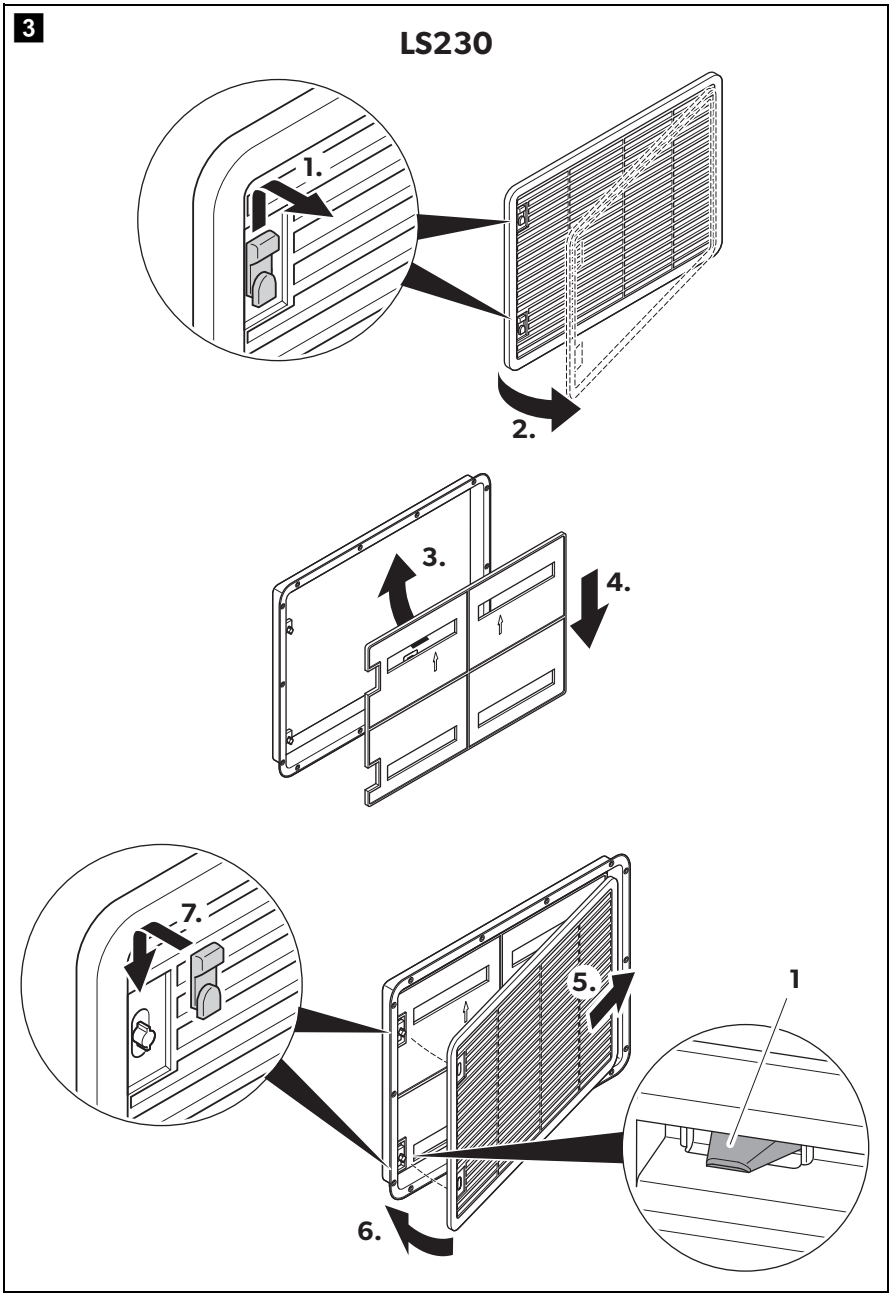
NOTE
Cold air can impact the performance of the cooling unit. Install the winter covers if you determine a loss of cooling capacity at low ambient temperatures.

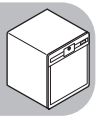
➤ Install the winter covers as shown:

2



- Ventilation grille LS330: fig. **2**
- Ventilation grille LS230: fig. **3**


3
LS230
1.
2.
3.
4.
7.
5.
1
6.



NOTE
A winter cover that has been installed on the LS230 ventilation grille can be identified by the bolts protruding from the ventilation grille (fig. **3** 1, page 53).

5.3 Switching on the refrigerator

➤ Press for 2 seconds
- **RML10.4T**: the control knob
- **RML10.4 and RML10.4S**: the button ⏻

✓ The refrigerator starts with the last selected settings.

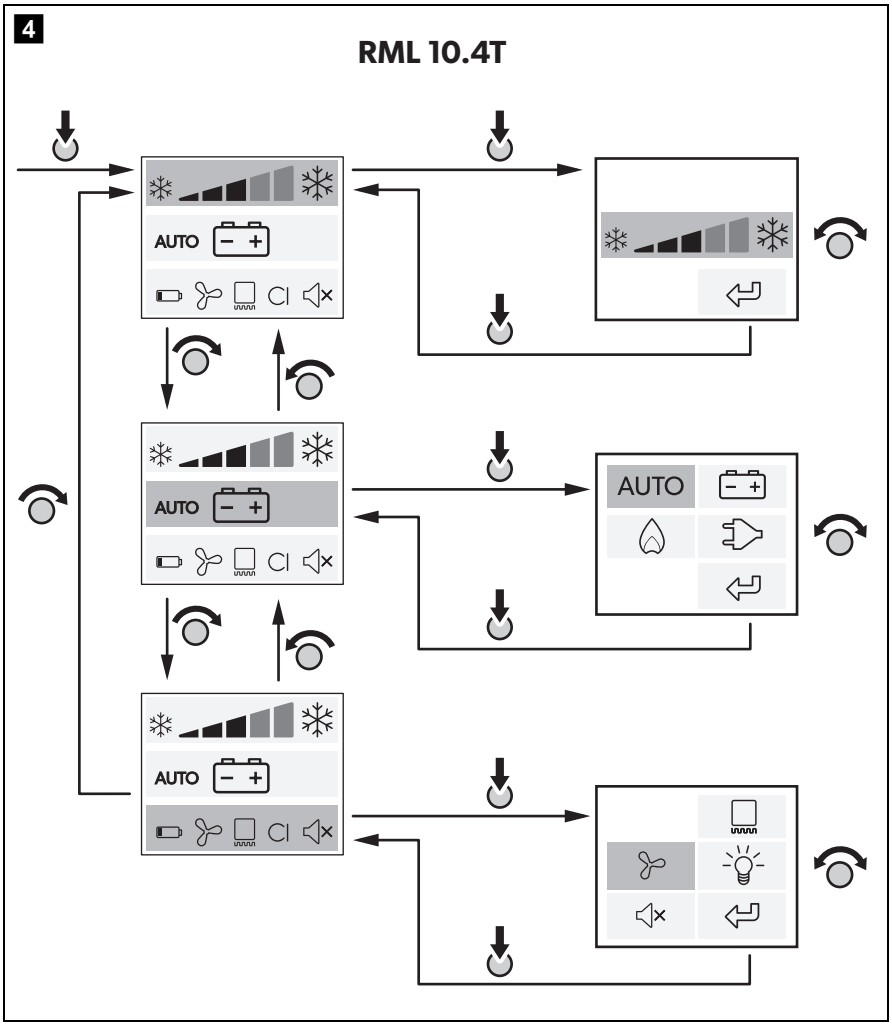
5.4 Switching off the refrigerator

➤ Press for 4 seconds
- **RML10.4T**: the control knob
- **RML10.4 and RML10.4S**: the button ⏻

✓ A beep sounds and the refrigerator switches off.

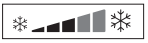
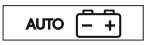
5.5 Operating the refrigerator (RML10.4T)

Menu navigation: fig. 4



➤ Press the control knob to activate the TFT display.

The main menu is divided into three lines:

Main menu	Details menu
	Cooling capacity menu
	Operating mode menu
	Settings menu

1. Turn the control knob to select the desired detail menu.
2. Press the control knob to open the selected detail menu.
3. Turn the control knob to navigate through the detail menu.

✓ Selected settings are displayed in blue.

✓ Press the control knob to choose the selected setting.

4. Confirm the selection with ⏎.

5.6 Operating the refrigerator (RML10.4 and RML10.4S)

Control

1. Repeatedly press MODE, until the LED indicates the desired operating mode.
2. Repeatedly press 🌡, until the desired temperature level is set.

5.7 Tank stop mode

WARNING!
Turn off the refrigerator or select a different operating mode if refueling takes longer than 15 minutes.

If the vehicle's ignition is switched off, the refrigerator will switch to tank stop mode for safety reasons. This blocks gas operation for 15 minutes. The refrigerator then automatically switches back to the standard automatic mode.

In tank stop mode

- **RML10.4T**: the symbol ⛽ is displayed
- **RML10.4 and RML10.4S**: the 🔥 LED flashes

5.8 Stand-alone gas operation (accessory)

WARNING!
In stand-alone gas mode, the refrigerator must be switched off manually during refueling.

NOTE
- When no AC or DC power is connected, there is a load on the batteries even when the refrigerator is off.
- Remove the batteries when the refrigerator is not in use (risk of leakage).
- If your vehicle manufacturer has installed the Ø2.5/5.5 mm plug, ask the manufacturer for the connection point for the 9 V⎓ power bank.

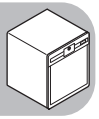
For stand-alone gas mode, the optional battery packs must be mounted or the optional Ø2.5/5.5 mm plug must be plugged into a 9-V⎓ power bank. This make connecting to AC or DC power unnecessary.

When using 12 batteries (type AA), the refrigerator can be operated in stand-alone gas mode for 2 to 3 days.

Please note the following special features for stand-alone gas mode:
- The light inside the refrigerator remains switched off.
- The display turns off 2 seconds after the last activity.
- The display switches on briefly every 15 seconds. This indicates that the refrigerator is on.
- If there are error messages, the display stays switched on.

Stand-alone gas mode is indicated
- **RML10.4T**: by the symbols and
- **RML10.4 and RML10.4S**: by the flashing of LED every 15 seconds

The batteries of the battery packs must be replaced
- **RML10.4T**: when the error "E 14" is displayed
- **RML10.4 and RML10.4S**: when the error / is displayed



5.9 Fan operation (optional)

For fan operation the optional fan must be installed.

When the device is switched on, the fan is switched on briefly (function test) During device operation, the fan only switches on:

- When the ambient temperature is above 32 °C.
- When the set cooling temperature is not reached within 2 hours.
- When the fan function is activated.

The fan operation is indicated by the symbol .

5.10 Setting the cooling capacity

NOTE
For ambient temperatures of +15 °C to +25 °C, select the average cooling capacity.

➤ Set the cooling capacity:
- **RML10.4T**: Select the desired temperature level in the cooling capacity menu.
- **RML10.4 and RML10.4S**: Repeatedly press until the desired temperature level is selected.

5.11 Using the refrigerator door/freezer compartment door (RML10.4 and RML10.4T)

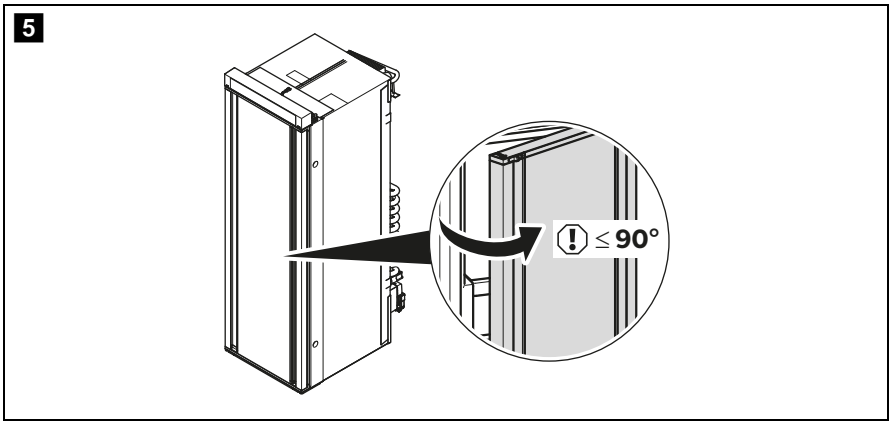
CAUTION! – Beware of injury
- The refrigerator door or freezer compartment door can completely detach from the device if used incorrectly.
- Do not lean on the open refrigerator door.

NOTE
If the door is not locked correctly on the opposite side, carefully push on the top and bottom of the door on that side until it locks into place.

Closing and locking the refrigerator door/freezer compartment door

➤ Press the door shut until you hear it clearly click at the top and bottom.

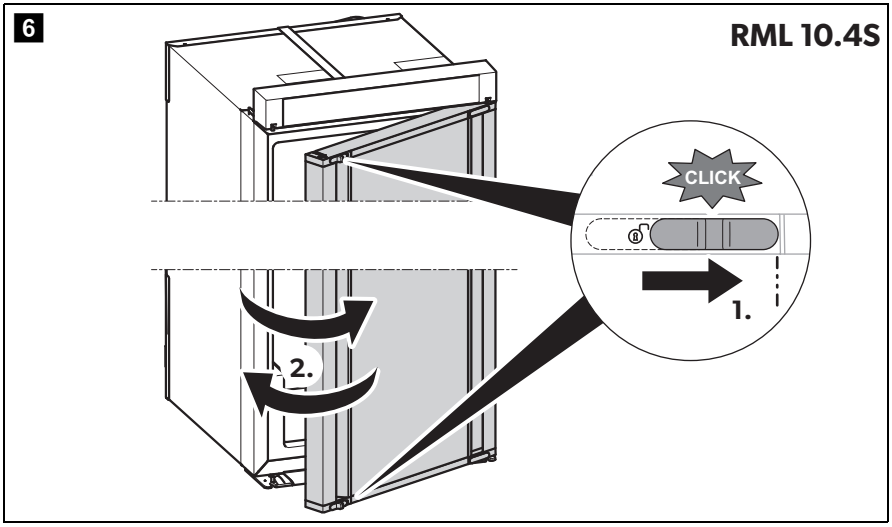
✓ The door is now closed and secured.



5.12 Using the refrigerator door (RML10.4S)

Releasing the refrigerator door

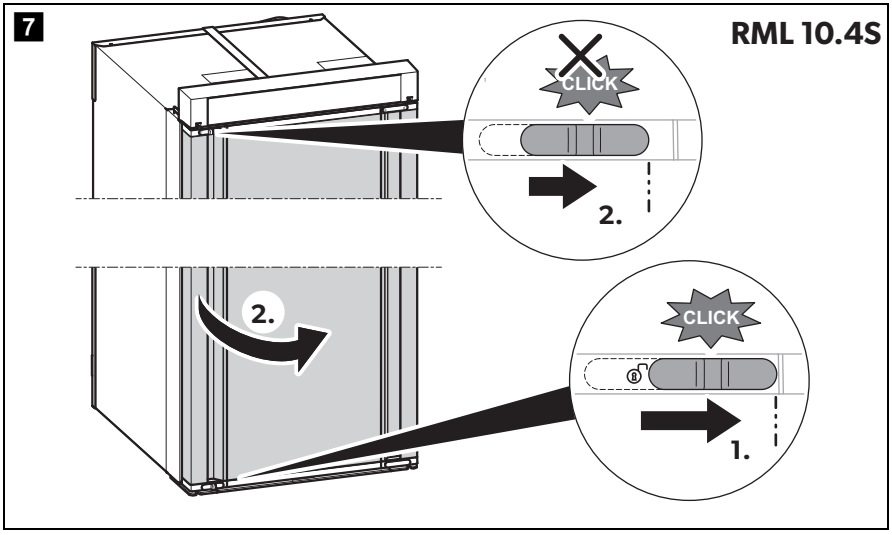
➤ Release the refrigerator door as shown (fig. 6).



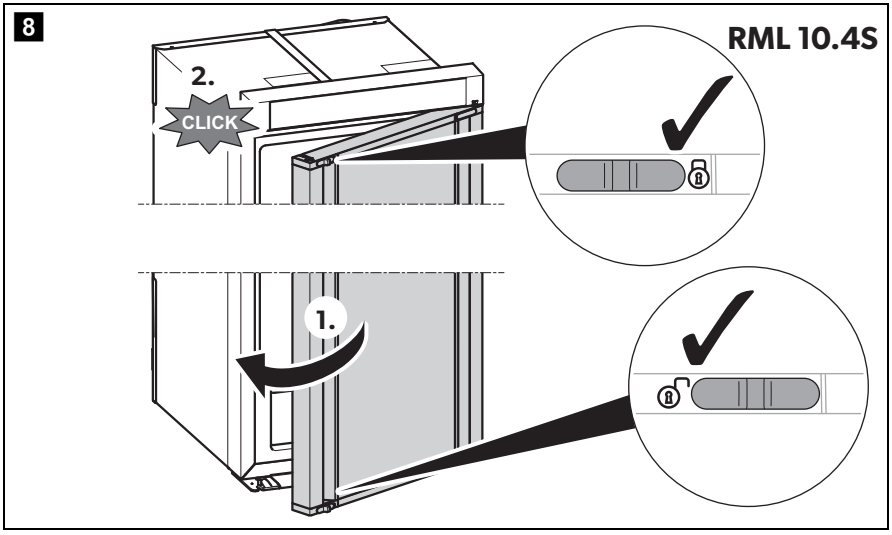
✓ The refrigerator door is easy to open and close but will not be secured when closed.

Securing the refrigerator door at the top automatically

➤ Release and open the refrigerator door as shown (fig. **7**).

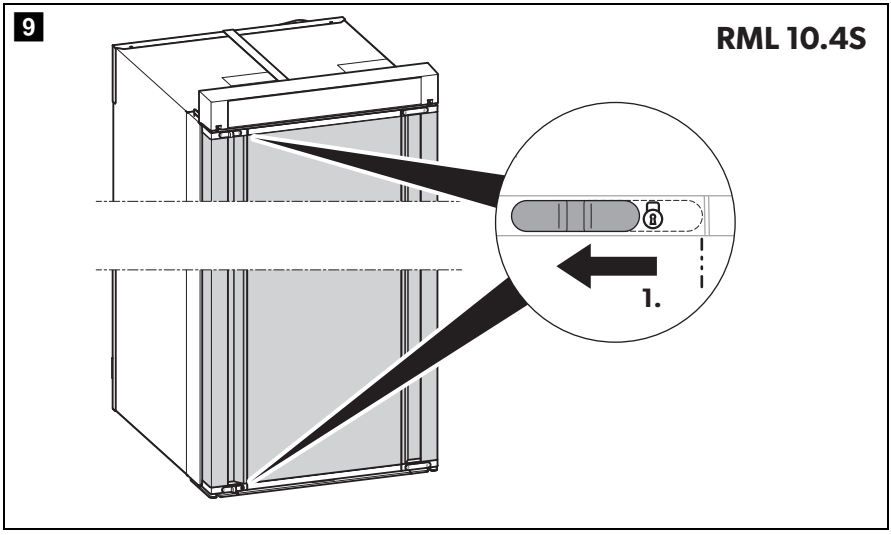


✓ The refrigerator door is automatically secured at the top after closing (fig. **8**).



Securing the refrigerator door before starting to drive

➤ Secure the refrigerator door as shown (fig. **9**).



5.13 Notes on storing food

CAUTION! – Health hazard!

- Please check if the cooling capacity of the refrigerator is suitable for the food you want to cool.
- Opening the door for a longer period of time can cause a considerable increase in temperature in the compartments of the device.
- Store raw meat and fish in suitable containers in the device so that they do not come into contact with or drip onto other food.
- Foodstuff may only be stored in its original packaging or in suitable containers.
- The freezer compartment is suitable for making ice cubes and for keeping frozen food. It is not suitable for freezing previously unfrozen food.
- If the refrigerator is subjected to a room temperature below +10 °C for a longer period of time, even regulation of the freezer compartment temperature cannot be guaranteed. This can lead to an increase of the freezer compartment temperature and the goods stored in it may defrost.

NOTICE!

- The maximum weight per door shelf is 3 kg. The maximum weight for the entire door is 7.5 kg.
- Store heavy objects such as bottles or cans in the refrigerator door, in the lower storage compartment or on the bottom shelf only.
- Do not keep carbonated drinks in the freezer compartment.

➤ Store food as shown (fig. **1**, page 49).

Using the VG fresh base (RML10.4T only)

NOTICE!
The maximum load capacity of the VG fresh base is 4.5 kg.

Using the slider in the VG fresh base, the humidity in the vegetable compartment below can be regulated:

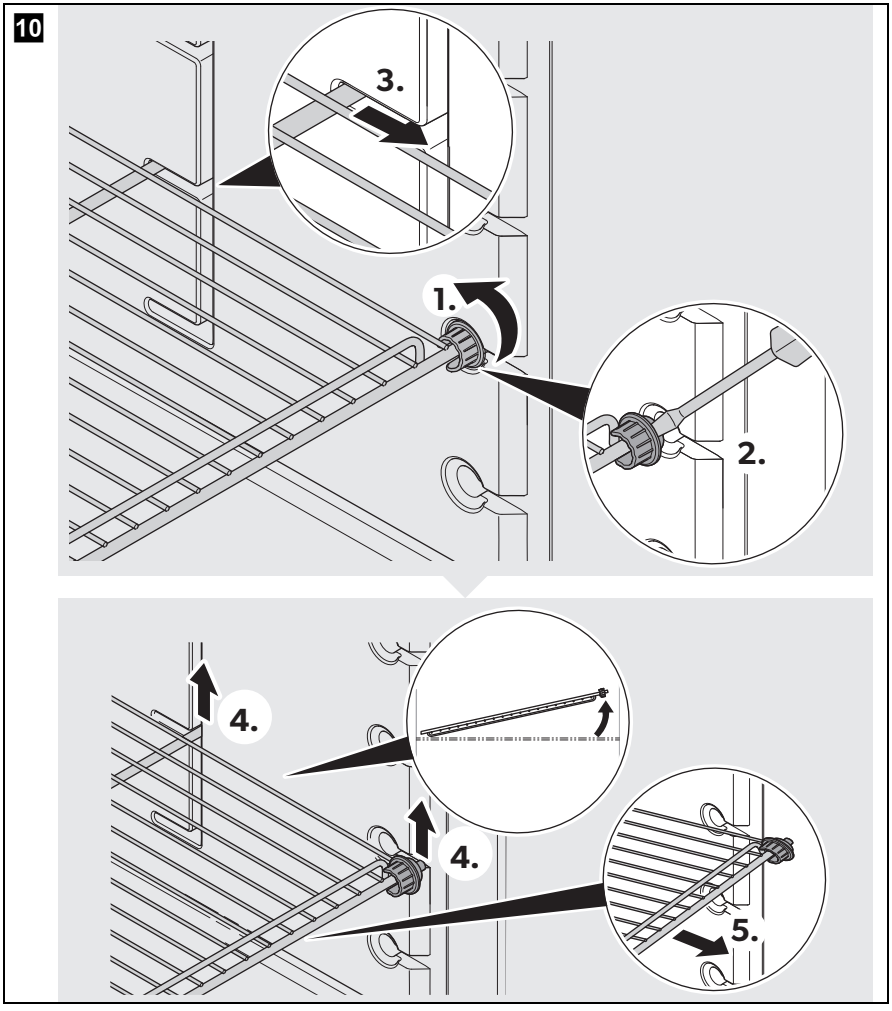
Goods to be cooled		Optimal humidity		Slider position
Vegetables		High		➤ Close the slider.
Fruit		Low		➤ Open the slider.

5.14 Positioning the shelves

WARNING! Risk of child entrapment
All shelves are fixed in place to prevent children from climbing inside the refrigerator.
- Only remove the shelves for cleaning purposes.
- Refit the shelves and secure them in place.

➤ Remove the shelf as shown (fig. **10**).

10



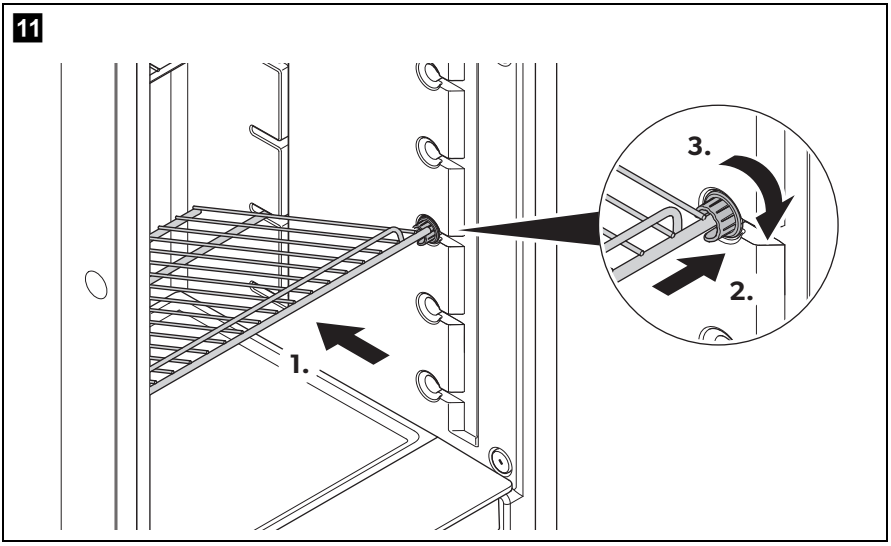
➤ Re-assemble the shelf in the reverse order.

Positioning the shelf at an angle for wine bottles

NOTICE!
While driving, the shelf in the angled position must **not** be filled.

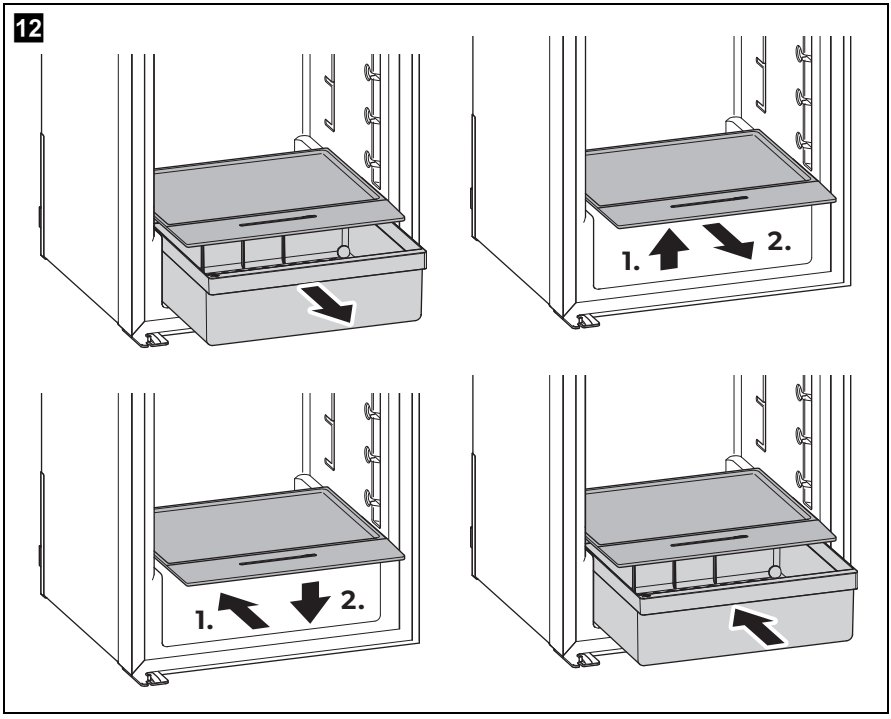
➤ Change the position of the shelf as shown (fig. **11**).

11



Removing and inserting the VG fresh base (RML10.4T only)

➤ Proceed as shown (fig. **12**).



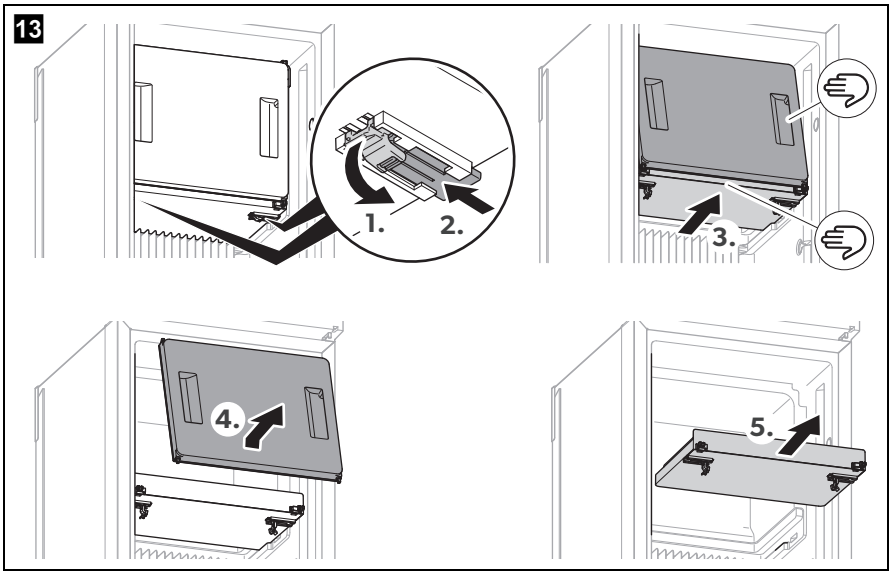
5.15 Removing the freezer compartment

You can take out the freezer compartment to make more space in the refrigerator compartment.

NOTE

- Keep the freezer compartment door and the base in a safe place to prevent any damage.
- When installing, replace the parts in the reverse order.

➤ Proceed as shown (fig. **13**).



5.16 Defrosting the refrigerator

NOTICE!

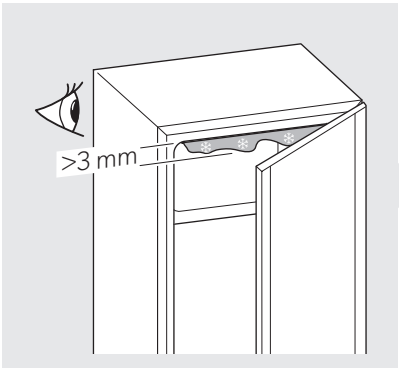
Do not use mechanical tools or a hair dryer to remove ice or to loosen frozen items.

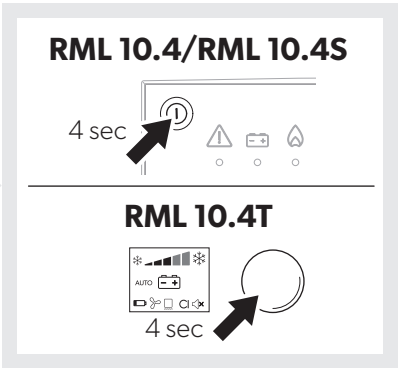
NOTE

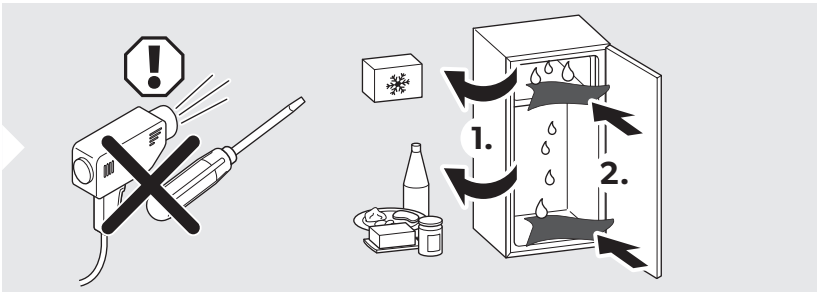
Over time, frost will develop on the cooling fins inside the refrigerator. Once the layer of frost is about 3 mm thick, you should defrost the refrigerator.

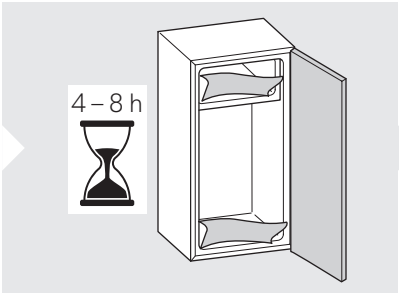
➤ Proceed as shown (fig. **14**).

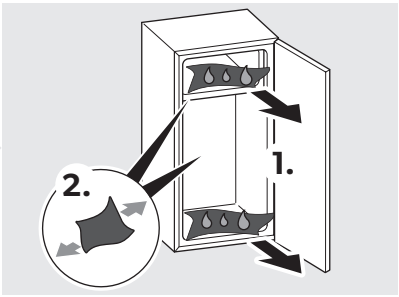
14











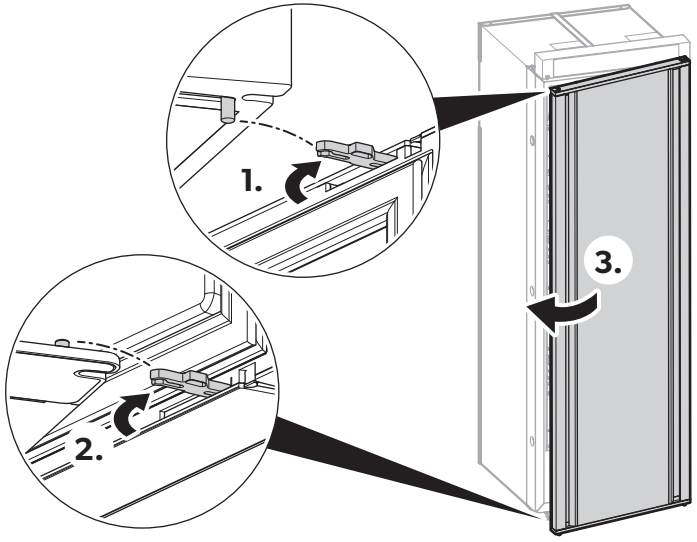
5.17 Positioning the refrigerator door in winter position

CAUTION!
The winter position may **not** be used while driving.

Place the refrigerator door and the freezer compartment door into the winter position if you are not going to use the refrigerator for an extended period of time. This prevents mould from forming.

1. Defrost the refrigerator (chapter "Defrosting the refrigerator" on page 66).
2. Turn the hook near the securing mechanism all the way at the top and bottom of one side of the door (fig. **15**).

15 **RML 10.4, RML 10.4T**



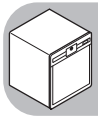
3. Press against the refrigerator door.

✓ The protruding pin snaps into the hook.

Open the door in winter mode as follows:

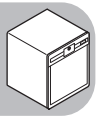
1. Pull the door toward you.
2. Push in the protruding hooks at the top and bottom of the door.

6 Troubleshooting



NOTE
To safely operate 12 V consumer units in the caravan while driving, it must be ensured that the towing vehicle provides sufficient voltage. On some vehicles, the battery management system may automatically switch off the consumer units to protect the battery. Ask your vehicle manufacturer for more information.

Fault	Possible cause	Suggestion
In AC power mode: The refrigerator does not work.	The fuse in the AC power supply is defective.	➤ Replace the fuse.
	The vehicle is not connected to the AC power supply.	➤ Connect the vehicle to the AC mains.
	The AC heating element is defective.	➤ Contact an authorized service agent.
In DC power mode: The refrigerator does not work.	The fuse in the DC cable is defective.	The fuse on the relay must be replaced. ➤ Contact an authorized service agent.
	The vehicle fuse has blown.	➤ Replace the vehicle fuse. (Please refer to the operating manual of your vehicle.)
	The vehicle battery is discharged.	➤ Test the battery and charge it.
	The ignition is not switched on.	➤ Switch on the ignition.
	The DC heating element is defective.	➤ Contact an authorized service agent.
In gas mode: The refrigerator does not work.	The gas cylinder is empty.	➤ Replace the gas cylinder.
	The gas valve is closed.	➤ Turn the valve to open.
	Air is in the gas line.	➤ Switch the refrigerator off and on again. Repeat the procedure three or four times if necessary. ➤ If available, switch on the stove and repeat the process with the refrigerator if necessary.
In automatic mode: The refrigerator is being operated with gas although it is connected to the AC power supply.	The grid voltage is too low.	➤ The refrigerator automatically switches back to AC power supply as soon as the grid voltage is sufficient again.



Fault	Possible cause	Suggestion
The refrigerator is not adequately cooling.	The ventilation around the cooling unit is not sufficient.	➤ Check that the ventilation grille is not obstructed.
	The evaporator is iced up.	➤ Check whether the refrigerator door closes properly. Ensure that the refrigerator seal fits correctly and is not damaged. Defrost the refrigerator.
	The temperature is set too high.	➤ Set a lower temperature.
	The ambient temperature is too high.	➤ Remove the ventilation grille for a while so that warm air can escape quicker.
	Too much food was placed in the refrigerator at once.	➤ Remove some of the food.
	Too much warm food was placed in the refrigerator at the same time.	➤ Remove the warm food and leave it to cool down before putting it in again.
	The refrigerator has not been operating for very long.	➤ Check the temperature again after four or five hours.

6.1 Fault messages and signal tones

All faults are indicated by a warning symbol, a fault ID and a beep. The beeping lasts for 2 minutes and is repeated every 30 minutes until the error has been rectified.

If multiple faults occur, the display shows the last fault. The underlying faults are displayed after the last fault has been confirmed.

RML10.4T: Faults are indicated by a fault code with a warning symbol (⚠) in the middle of the TFT display.

RML10.4 and RML10.4S: In the event of a fault, the LED warning symbol (⚠) in the display lights up continuously and the LEDs flash according to the fault.

WARNING type fault messages

All faults of the WARNING type are reset automatically once the fault has been rectified.

RML10.4T	RML10.4, RML 10.4S	Fault	Solution
W01		Defective temperature sensor in the refrigerator compartment	➤ Contact the authorized service agent.
W05		AC power not connected or AC voltage < 190 V	➤ Connect the refrigerator to AC power or select a different energy type, e.g. gas or DC power.
W06		DC power not connected	➤ Connect the refrigerator to DC power or select a different energy type, e.g. gas or AC power.
W11	 	DC overvoltage (>16 V).	➤ Reduce the DC supply voltage.
		Tank stop mode: Gas operation is blocked for 15 minutes.	➤ Wait 15 minutes or switch to another operating mode.
 W10 + beep	Beep	The door is opened for more than 2 minutes.	➤ Close the door.

ERROR type fault messages

All faults of the ERROR type must be reset manually:

➤ **RML10.4T**: Press the control knob for 2 seconds.

➤ **RML10.4 and RML10.4S**: Press ⏻ for 2 seconds.

✓ A beep sounds.

✓ The error has been reset.

RML10.4T	RML10.4, RML 10.4S	Fault	Solution
E03		No connection between power module and display	➤ Contact the authorized service agent.
E07		No cooling capacity in gas mode	➤ Check if the device is at an angle and adjust it if necessary. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E08		No cooling power in AC mode	➤ Check if the device is at an angle and adjust it if necessary. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E09		No cooling power in DC mode	➤ Check if the device is at an angle and adjust it if necessary. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E12		Gas valve test error	Gas operation is not possible. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E13		Internal communication error	Gas operation not possible. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E14		In stand-alone gas mode: The battery charge of the battery packs is too low	➤ Insert new batteries and then reset the error.
E50		Gas lock after 3 ignition attempts	Ignition not possible. ➤ The gas cylinder is empty. Exchange the gas cylinder. ➤ Reset the error.
E51		Gas lock, internal error in the power module	➤ Reset the error. ➤ Contact service agent if this error occurs again.

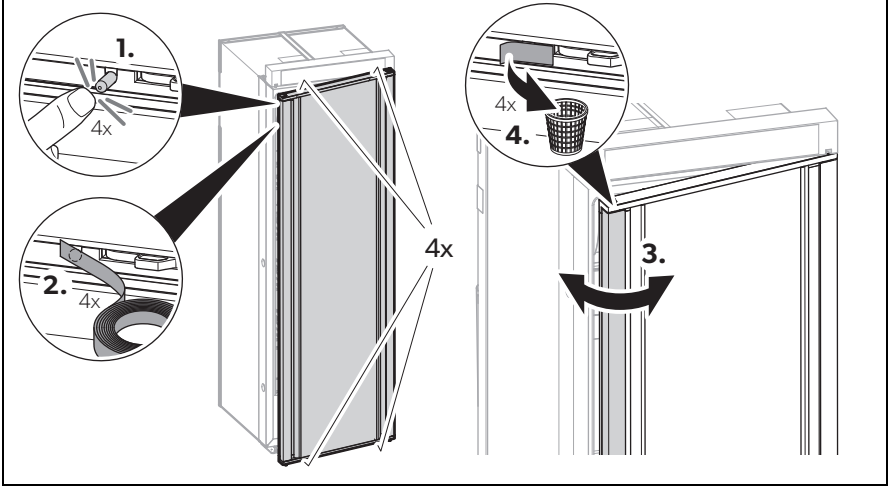
RML10.4T	RML10.4, RML 10.4S	Fault	Solution
E52		Ground contact, gas valve	➤ Reset the error. ➤ Contact service agent if this error occurs again.
E53		Ground contact, ignition electrode	➤ Reset the error. ➤ Contact service agent if this error occurs again.

Refrigerator door does not close (RML10.4 and RML10.4T only)

NOTE
If the door no longer closes, then the door handle is blocked on the opened side.

➤ Remove the door handle blockage as shown (fig. **16**).

16 **RML 10.4, RML 10.4T**

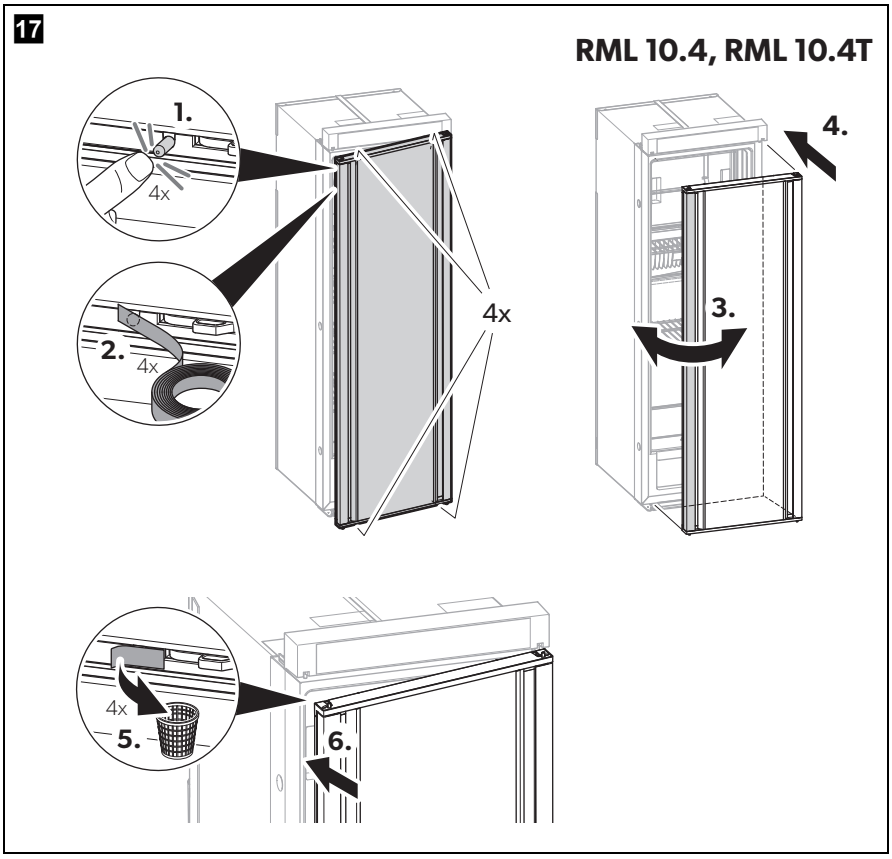


Refrigerator door has completely detached from the device (RML10.4 and RML10.4T only)

CAUTION! – Beware of injury
The door can completely detach from the device if the locking pins have been tampered with or are twisted.

➤ Insert the door as shown (fig. **17**).

17



7 Cleaning and maintenance

WARNING!
Always disconnect the refrigerator from the energy supply before you clean and service it.

NOTICE!
When cleaning, never use sharp cleaning agents or hard or pointed tools to remove layers of ice or to loosen objects which have frozen in place.

➤ Clean the refrigerator regularly and when it gets dirty using a damp cloth.

➤ Ensure that no water drips into the seals. This can damage the electronics.

➤ Wipe the refrigerator dry with a cloth after cleaning.

➤ Check the condensate drain regularly.

Clean the condensate drain when necessary. If it is blocked, the condensate collects on the bottom of the refrigerator.

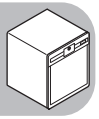
➤ Ensure that the ventilation grills in the outer wall of the motorhome or caravan and the refrigerator roof ventilator are free from dust and pollutants. This ensures that the heat generated during operation can be dispersed, the refrigerator is not damaged and the cooling capacity is not reduced.

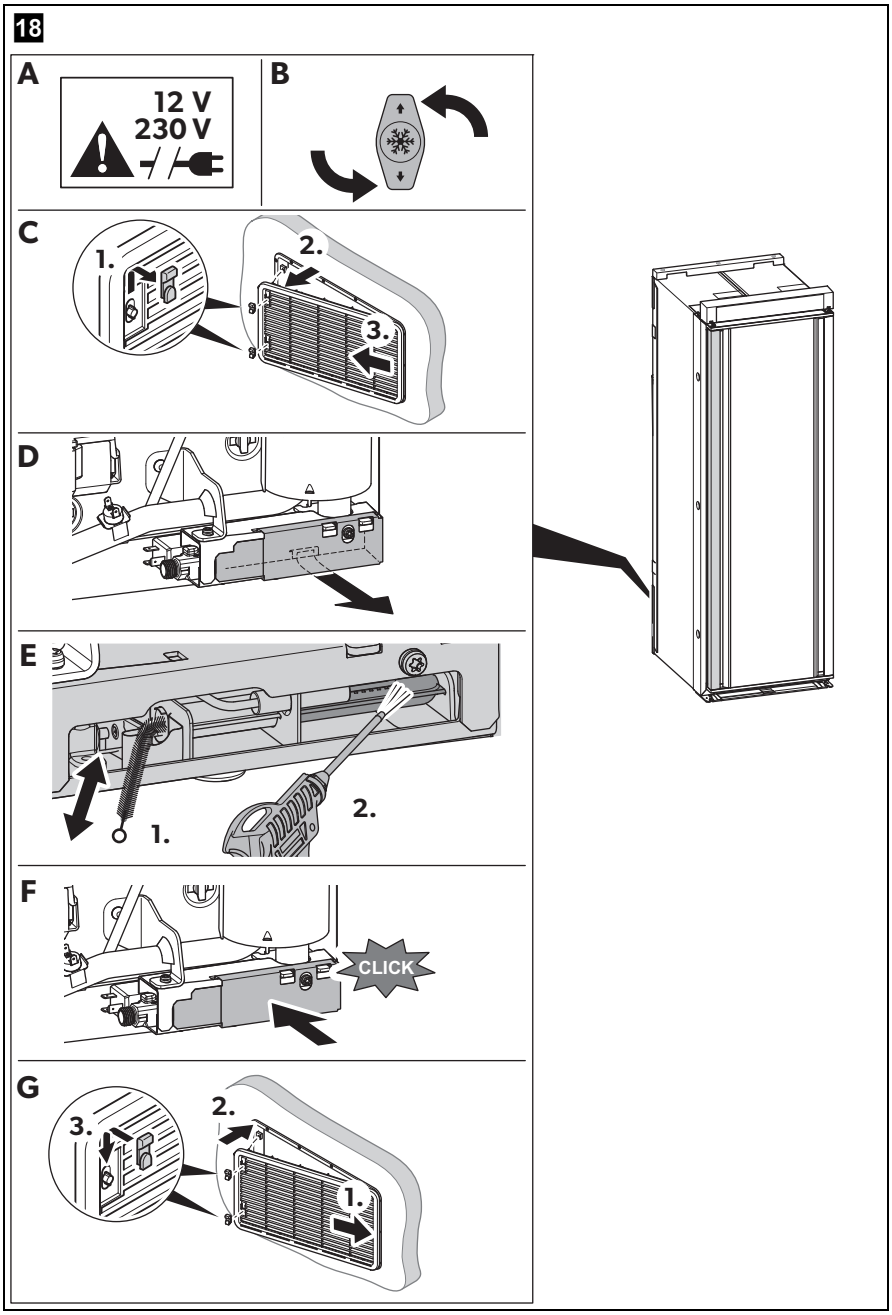
7.1 Cleaning the gas burner

WARNING!
- Allow the burner to cool down before cleaning it.
- Do not modify the gas equipment.

NOTE
- Dirt in the gas burner is indicated by poor ignition or deflagrations.
- The manufacturer recommends also cleaning the burner after not being used for a longer period and at least once a year.
- When using liquefied petroleum gas, the cleaning interval is reduced to half yearly or quarterly, depending on the level of dirt.

➤ Proceed as shown (fig. **18**).




18
A
12 V
230 V
B
C
1.
2.
3.
D
E
1.
2.
F
CLICK
G
3.
2.
1.

7.2 Maintenance

WARNING!
Work on gas and electrical installations may only be performed by qualified technicians.

- ➤ Have the gas system and connected flues inspected before starting up the device for the first time, and by an authorized professional every two years to ensure they comply with the national safety requirements.
- ➤ Keep a record of any maintenance performed.

8 Disposal

NOTE
Only have the device removed and disposed of by a specialist.

Recycling products with batteries, rechargeable batteries and light sources

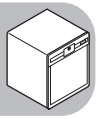
- ➤ Remove any batteries, rechargeable batteries, and light sources before recycling the product.
- ➤ Return defective or used batteries to your retailer or dispose of them at collection points.
- ➤ Do not dispose of any batteries, rechargeable batteries, and light sources with general household waste.
- ➤ 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.
- ➤ The product can be disposed free of charge.

9 Warranty

The statutory warranty period 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.

10 Technical data

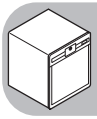
	RML10.4	RML10.4S	RML10.4T
Connection voltage:	230 V~ /50 Hz 12 V⎓		
Capacity Gross volume: Refrigerator compartment: Freezer compartment: Total net capacity: excluding freezer compartment Gross volume: Net capacity:	 133 l 116 l 12 l 128 l 139 l 134 l		
Power input:	170 W (230 V~) 170 W (12 V⎓)		
Energy consumption:	3.2 kWh/24 h (230 V~) 340 Ah/24 h (12 V⎓)		
Gas consumption:	380 g/24 h		
Climate class:	SN		
Dimensions (h x w x d):	1293 x 420 x 578 mm		
Weight:	35 kg	32 kg	35.5 kg
Inspection/ certification:	CE E1 UK CA		

For the current EU Declaration of Conformity for your device, please refer to the respective product page on dometic.com or contact the manufacturer directly (see back page).

Detailed information

dometic.com

Compressor refrigerator RCL10.4ET



1 Safety instructions

1.1 General safety



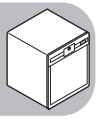
WARNING! Failure to obey these warnings could result in death or serious injury.

Electrocution hazard

- Installation and removal of the refrigerator may only be carried out by qualified personnel.
- 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.
- 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 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 (smell of ammonia):
  – Keep naked flames and potential ignition sources away from the refrigerator.
  – Ventilate the room well.
  – Switch off the refrigerator.



For refrigerators with R600a refrigerant:

- The refrigeration circuit contains a small quantity of an environmental friendly but flammable refrigerant. It does not damage the ozone layer and does not increase the greenhouse effect. Any leaking refrigerant may ignite.
- Do not use or store the refrigerator in confined spaces with none or minimal air flow.

Explosion hazard

- Do not spray aerosols in the vicinity of this refrigerator while it is in operation.
- Do not store any explosive substances, such as spray cans with propellants, in the refrigerator.

Health hazard

- This refrigerator 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 refrigerator in a safe way and understand the hazards involved.
- Children aged from 3 to 8 years are allowed to load and unload the refrigerator.
- Cleaning and user maintenance may not be carried out by unsupervised children.
- Children must be supervised to ensure that they do not play with the refrigerator.

Risk of child entrapment

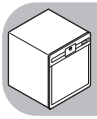
- Make sure that the shelves are mounted and secured so that children cannot lock themselves in the refrigerator.
- Before disposing of your old refrigerator:
  - Dismantle the drawers.
  - Leave the shelves in the refrigerator so that children cannot climb inside.



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

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 use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not open or damage the refrigerant circuit under any circumstances.
- Do not use electrical devices inside the refrigerator unless they are recommended by the manufacturer for that purpose.

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.



NOTICE! Damage hazard

- Check that the voltage specification on the data plate is the same as that of the power supply.
- Do not place the refrigerator near heat sources (heaters, direct sunlight, gas ovens, etc.).
- Keep the condensate drain clean at all times.
- Do not use a high-pressure cleaner near the ventilation grille when cleaning the vehicle.
- The refrigerator may not be exposed to rain.

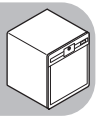
1.2 Safety when operating



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

Health hazard

- Make sure that you only put items in the refrigerator 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 refrigerator.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with and cannot drip onto other food.



- If the refrigerator is left empty for long periods:
  - Switch off the refrigerator.
  - Defrost the refrigerator.
  - Clean and dry the refrigerator.
  - Leave the door open to prevent mold developing within the refrigerator.

Risk of injury

- Do not put your fingers into the hinge.
- Close and lock the refrigerator door before beginning a journey.
- The cooling aggregate at the back of the refrigerator becomes very hot during operation. Protect yourself from coming into contact with hot parts when removing ventilation grilles.



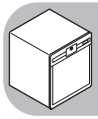
NOTICE! Damage hazard

- Do not lean on the open refrigerator door.
- Only store heavy objects such as bottles or cans in the refrigerator door only, in the vegetable compartment or on the bottom shelf.
- If the refrigerator has a double-sided door and the door is not locked correctly on the opposite side, push on that side at the top and the bottom until it locks in place.
- Do not use electrical devices inside the refrigerator unless they are recommended by the manufacturer for that purpose.
- Ensure that the ventilation openings are not covered.
- **Danger of overheating!**
  Always ensure sufficient ventilation so that the heat generated during operation can dissipate. Make sure that the refrigerator is sufficiently far away from walls and other objects so that the air can circulate.
- Do not fill the inner container with ice or fluid.
- Protect the refrigerator and the cable against heat and moisture.



NOTE

- If the battery management of your vehicle shuts down the refrigerator to protect the battery, contact your vehicle manufacturer.
- Put the refrigerator door and the freezer door into the winter position if you are not going to use the refrigerator for a longer period of time. This prevents mold from forming.
- For ambient temperatures of +15 °C to +25 °C select the average temperature setting.



- To avoid food waste, note the following:
  - Keep temperature fluctuation as low as possible. Only open the freezer as often and for as long as necessary. Store the foodstuff in such a way that the air can still circulate well.
  - If the temperature can be adjusted: Adjust the temperature to the quantity and type of the foodstuff.
  - Store the different foodstuff types as shown in the figures.
  - Foodstuff can easily absorb or release odor or taste. Always store foodstuff covered or in closed containers/bottles.

1.3 Safety when operating with DC power



NOTICE! Damage hazard

- Only select operation with DC power supply if the vehicle engine is running and providing sufficient voltage to the light system, or if you are using a battery monitor.

2 Intended use

The refrigerator is suitable for:

- Installation in caravans and motor homes
- Cooling, deep-freezing and storing food

The refrigerator is not suitable for:

- Storing medications
- Storing corrosive substances or substances that contain solvents
- Quick-freezing food

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

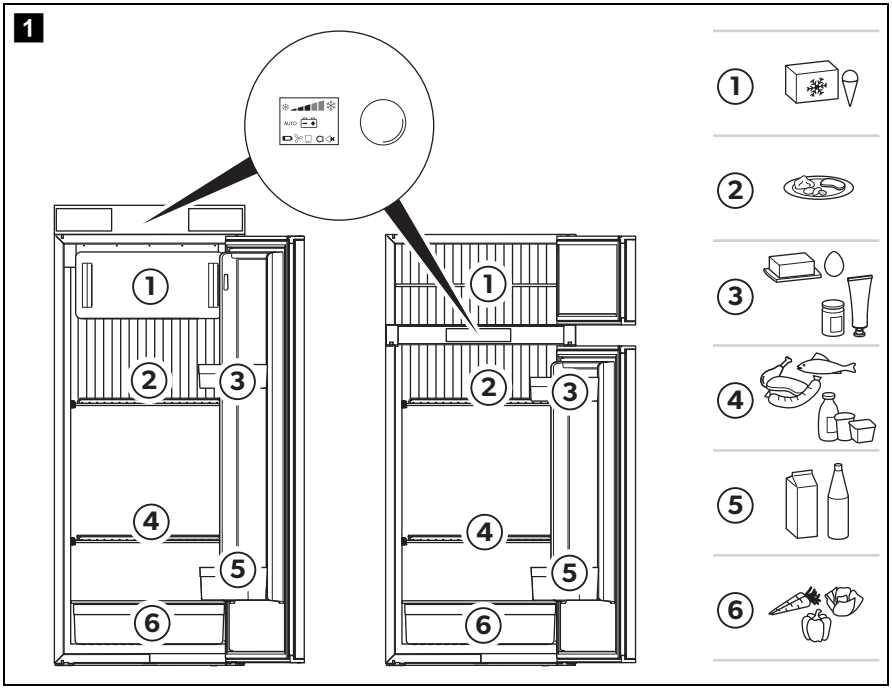
The 2-star frozen compartment is suitable for storing frozen food, storing or making ice cream and making ice cubes. It is not suitable for freezing previously unfrozen food.

3 Technical description

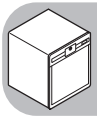
The refrigerator is a compressor refrigerator and is designed for operation on a 12 V⎓ power supply.

3.1 Operating and display elements

The TFT display has the following operating and display elements (fig. **1**):



Icon	Description
	Temperature setting indicator
	Blue snowflake: Compressor is running
	White snowflake: Compressor does not run
	Operating with DC power
05	Warning indication with error code
User mode	User mode:
	Performance • All thermostat settings selectable • Compressor operates in high rpm mode • External ventilation fan operates in high rpm mode



Icon		Description
		Quiet • Thermostat settings 1, 2 and 3 are selectable • Compressor operates in low rpm mode • External ventilation fan operates in low rpm mode
		Boost • Thermostat settings fixed on maximum • Compressor operates in high rpm mode • External ventilation fan operates in high rpm mode
Settings		Settings (only RCD models):
		Frame heater Symbol lights up when the frame heater is operating. The frame heater of the freezer compartment reduces condensation.
	CI	Symbol lights up when the refrigerator is connected to the CI bus.
		Symbol lights up when child lock is enabled: • Push the rotary button 3 times within 1.5 seconds to unlock the controls. • After 10 seconds of inactivity the controls will lock again automatically.
		Beep off: Error messages, warning messages and door left open for an extended period are not signaled acoustically.
		Beep on: Error messages, warning messages and door left open for an extended period are signaled acoustically.
		Confirm selection and return to the main menu

4 Operating the refrigerator

NOTE

- Before starting your new refrigerator for the first time, clean it inside and outside with a damp cloth for hygienic reasons.
- When using the refrigerator for the first time, there may be a mild odor which will disappear after a few hours. Air out the living space well.
- Park the vehicle so that it is level, especially when starting up and filling the refrigerator before setting off on a journey.
- The cooling capacity can be influenced by:
  - the ambient temperature (e.g. when the vehicle is exposed to direct sunlight)
  - the amount of food to be refrigerated
  - how often you open the door

4.1 Tips for optimal refrigerator operation

- Do not store goods in the refrigerator for the first 4 hours of operation.
- Protect the interior of the vehicle from warming up excessively (e.g. sunshades in the windows, air conditioner).
- Protect the refrigerator from direct sunlight (e.g. sunshades in the windows).

4.2 Notes on storing food

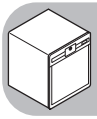
CAUTION! Health hazard

If the refrigerator is subjected to a room temperature below +10 °C for a longer period of time, even regulation of the freezer compartment temperature cannot be guaranteed. This can lead to an increase of the freezer compartment temperature and the goods stored in it may defrost.

NOTICE! Risk of damage

- The maximum weight per door shelf is 3 kg. The maximum weight for the entire door is 7.5 kg.
- Do not keep carbonated drinks in the freezer compartment.

➤ Store food as shown (fig. **1**, page 84).

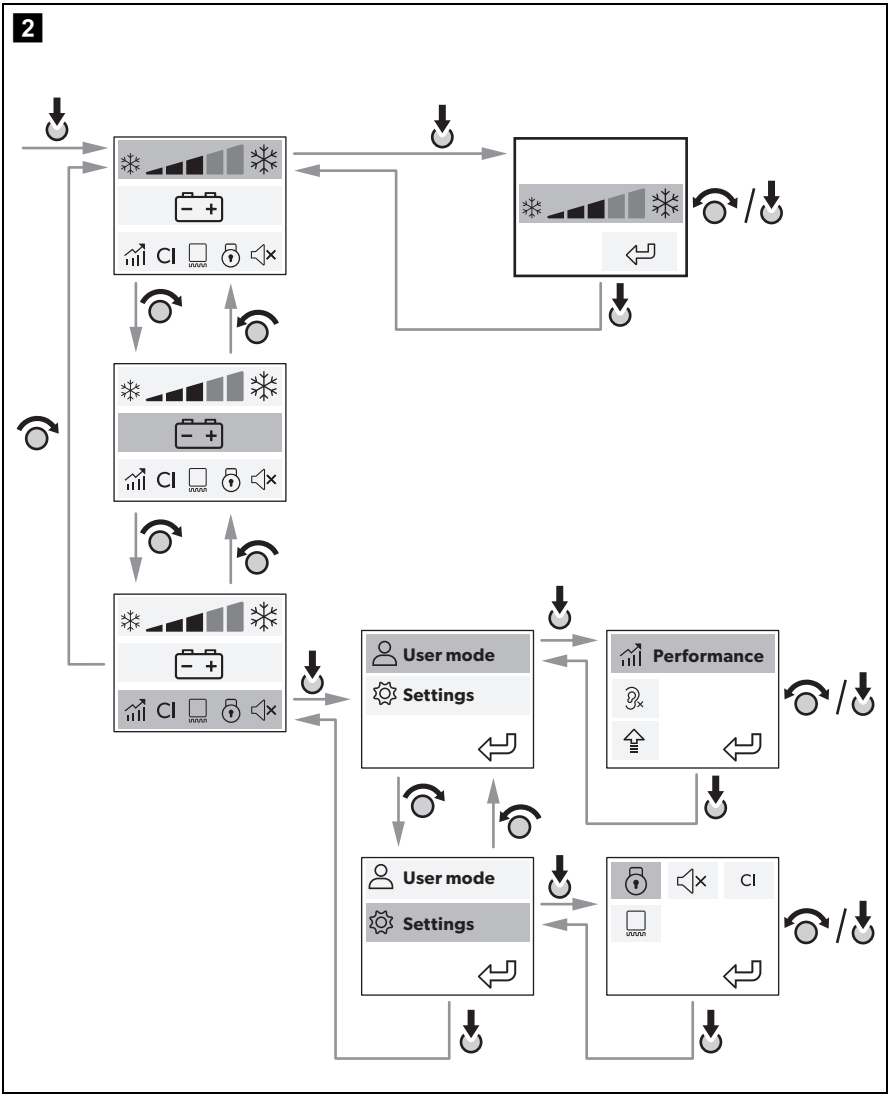


4.3 Saving energy

- Only open the refrigerator as often and for as long as necessary.
- Allow warm food to cool down first before placing it in the device to keep cool.
- Defrost your refrigerator as soon as a layer of ice forms.
- 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.

4.4 Operating the refrigerator

2



NOTE

- When setting the QUIET mode or BOOST mode, the refrigerator returns after 8 hours automatically to PERFORMANCE mode, using the same configuration as set before changing to QUIET or BOOST mode.
- For ambient temperatures of +15 °C to +25 °C, select the average temperature setting.

Operating modes

Icon	Explanation
	PERFORMANCE mode: Standard mode Selection of all temperature levels (1 to 5)
	QUIET mode: Decreased fan and compressor speed with reduced noise, e.g. if the user wants to relax or sleep Selection of three temperature levels (1 to 3)
	BOOST mode: Maximum performance, e.g. for an immediate cool down or after a larger amount of uncooled foodstuff has been put in the refrigerator No selection of temperature levels

To switch on the refrigerator:

➤ Press the control knob for 2 seconds.

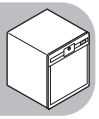
✓ The refrigerator starts with the last selected settings.

To navigate in the menu:

1. Press the control knob to activate the navigation menu (fig. **2**, page 88).
2. Turn the control knob to select the desired detail menu.
3. Press the control knob to open the selected detail menu.
4. Turn the control knob to navigate through the detail menu.

✓ Selected settings are displayed in blue.

5. Press the control knob to choose the selected setting.
6. Confirm the selection with ⏎.



To switch off the refrigerator:

➤ Press the control knob for 4 seconds.

✓ A beep sounds and the refrigerator switches off.

4.5 Using the refrigerator door



CAUTION! injury hazard

- The refrigerator door or freezer compartment door can completely detach from the device if used incorrectly.
- Do not lean on the open refrigerator door.



NOTE

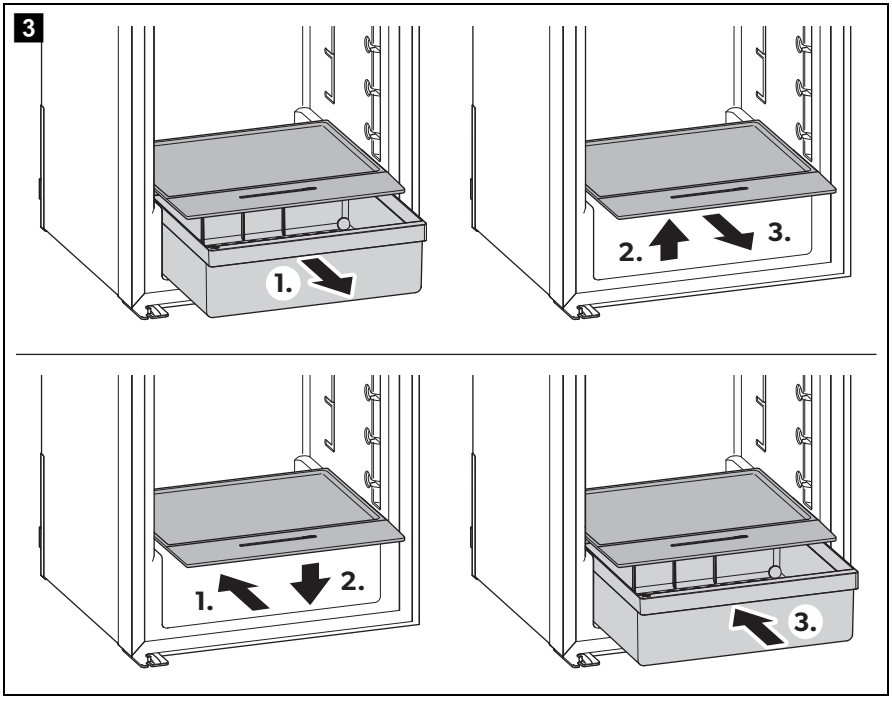
If the door is not locked correctly on the opposite side, carefully push on the top and bottom of the door on that side until it locks into place.

To close and secure the refrigerator door/freezer compartment door:

➤ Press the door shut until you hear it clearly click at the top and bottom.

✓ The door is now closed and secured.

4.6 Using the VG fresh base



NOTICE! Risk of damage
The maximum load capacity of the VG fresh base is 4.5 kg.

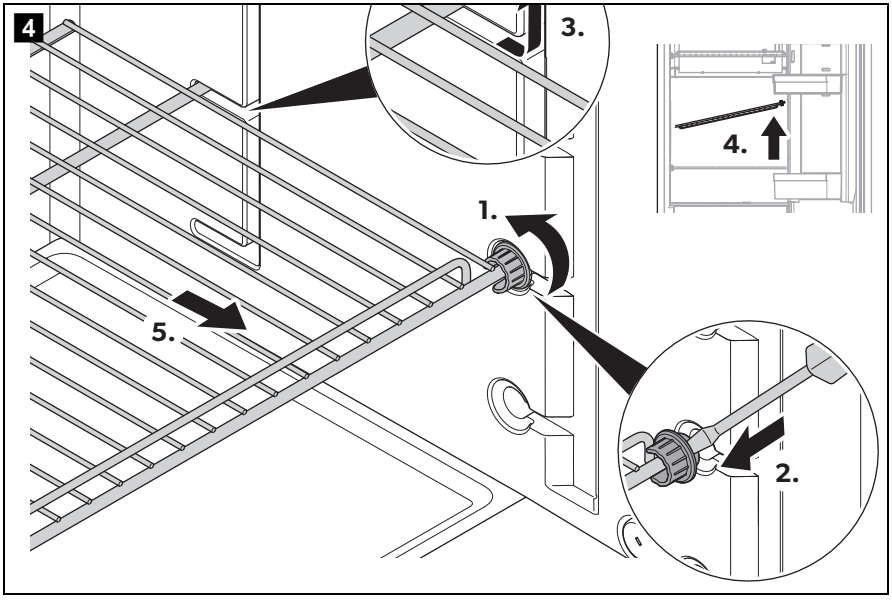
Using the slider in the VG fresh base, the humidity in the vegetable compartment below can be regulated:

Goods to be cooled		Optimal humidity		Slider position
Vegetables		Fast	∘∘∘	➤ Close the slider.
Fruit		low	∘	➤ Open the slider.

To remove and insert the VG fresh base:

➤ Proceed as shown (fig. **3**).

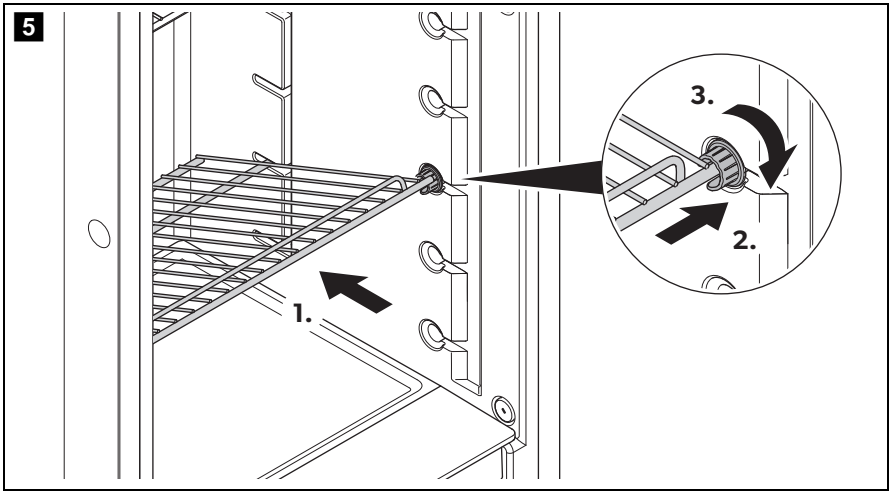
4.7 Positioning the shelves



WARNING! Risk of child entrapment
All shelves are fixed in place to prevent children from climbing inside the refrigerator.
- Only remove the shelves for cleaning purposes.
- Refit the shelves and secure them in place.

1. Remove the shelf as shown (fig. **4**).
2. Refit the shelf in the reverse order.

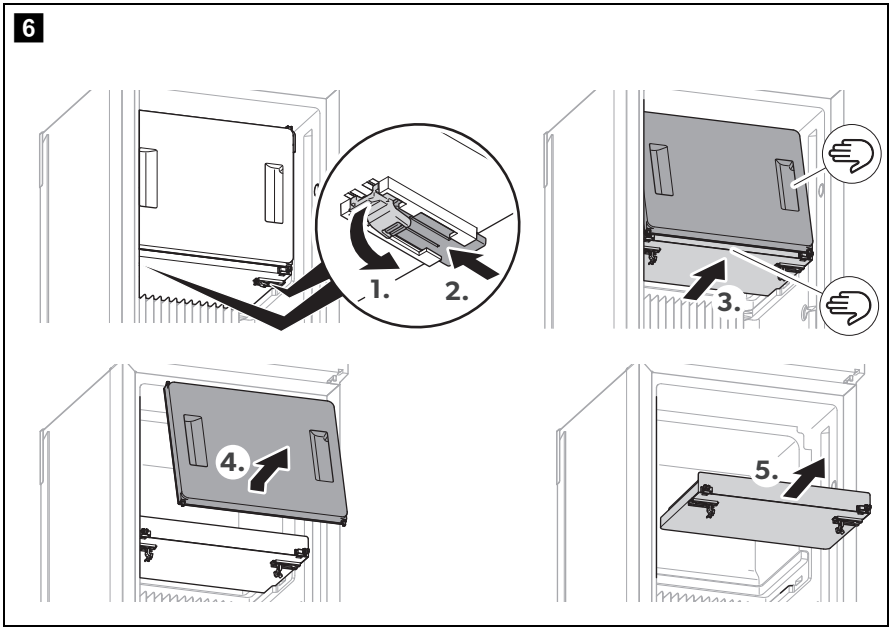
Positioning the shelf at an angle for wine bottles



NOTICE! Risk of damage
While driving, the shelf in the angled position must **not** be filled.

➤ Change the position of the shelf as shown (fig. **5**).

4.8 Removing the freezer compartment



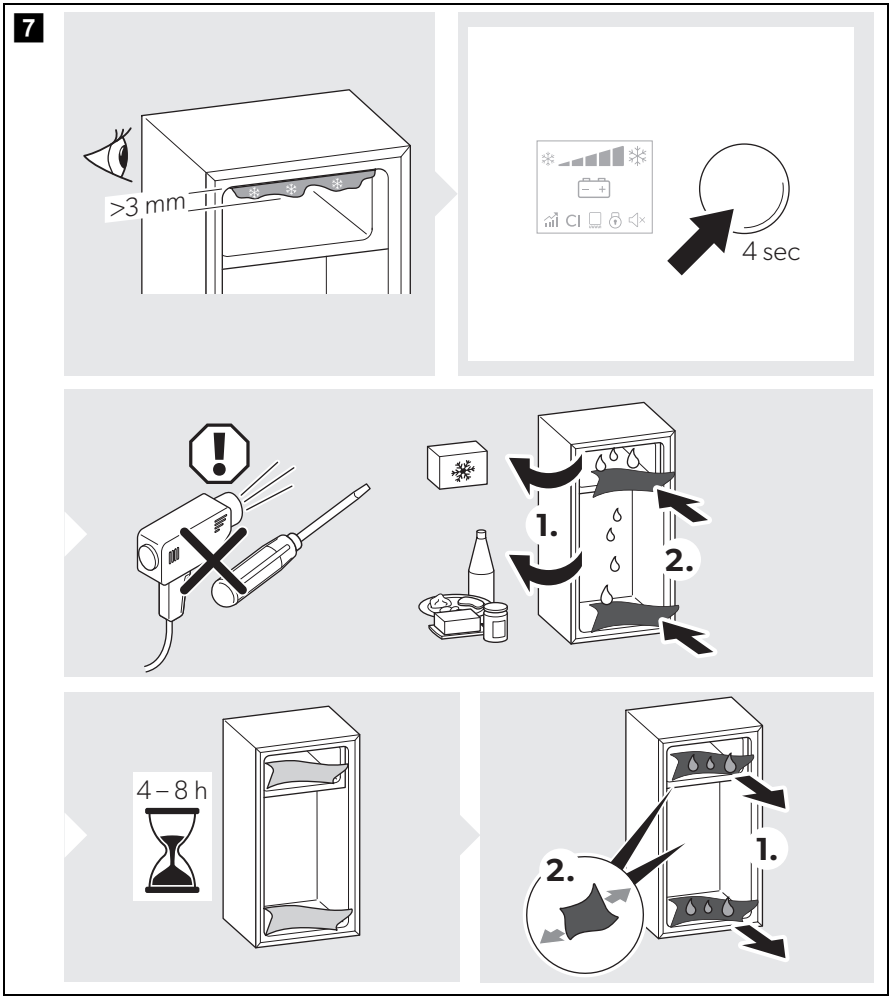
You can take out the freezer compartment to make more space in the refrigerator compartment.

NOTE

- Keep the freezer compartment door and the base in a safe place to prevent any damage.
- When installing, replace the parts in the reverse order.

➤ Proceed as shown (fig. **6**).

4.9 Defrosting the refrigerator



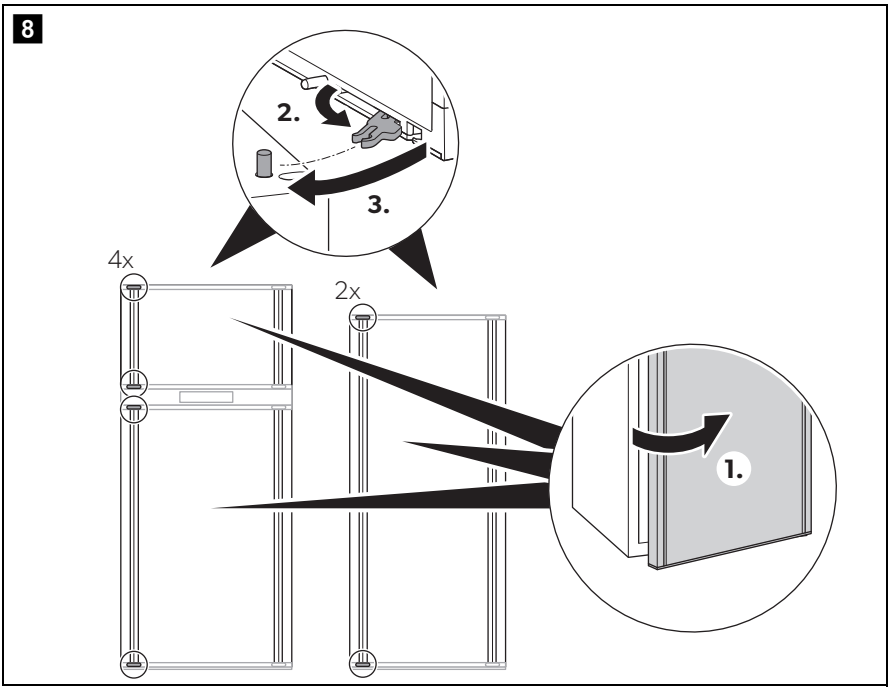
NOTICE! Risk of damage
Do not use mechanical tools or a hair dryer to remove ice or to loosen frozen items.

NOTE
Over time, frost will develop on the cooling fins inside the refrigerator. Once the layer of frost is about 3 mm thick, you should defrost the refrigerator.

➤ Proceed as shown (fig. **7**, page 95).

4.10 Positioning the refrigerator door in winter position

8

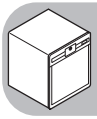


NOTICE! Risk of damage
The winter position may **not** be used while driving.

Place the refrigerator door and the freezer compartment door into the winter position if you are not going to use the refrigerator for an extended period of time. This prevents mould from forming.

1. Defrost the refrigerator (chapter "Defrosting the refrigerator" on page 95).
2. Turn the hook near the securing mechanism all the way at the top and bottom of one side of the door (fig. **8**).
3. Press against the refrigerator door.

✓ The protruding pin snaps into the hook.



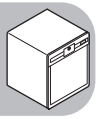
Open the door in winter mode as follows:

1. Pull the door toward you.
2. Push in the protruding hooks at the top and bottom of the door.

5 Troubleshooting

NOTE
To safely operate 12 V consumer units in the caravan while driving, it must be ensured that the towing vehicle provides sufficient voltage. On some vehicles, the battery management system may automatically switch off the consumer units to protect the battery.
Ask your vehicle manufacturer for more information.

Fault	Possible cause	Suggestion
The refrigerator does not work.	The fuse in the DC cable is defective.	The fuse on the relay must be replaced. ➤ Contact an authorized service agent.
	The vehicle fuse has blown.	➤ Replace the vehicle fuse. (Please refer to the operating manual of your vehicle.)
	The vehicle battery is discharged.	➤ Test the battery and charge it.
	The ignition is not switched on.	➤ Switch on the ignition.
	The temperature at the compressor is too low (<0 °C).	➤ Close/cover all external ventilation grills completely with insulation material.
	The refrigerator switches off automatically if the voltage is insufficient. (Cut-off voltage: 10.4 V)	➤ Load the battery. The refrigerator will start again automatically. (Cut-in voltage: 11.7 V)



Fault	Possible cause	Suggestion
The refrigerator is not adequately cooling.	The ventilation around the cooling unit is not sufficient.	➤ Check that the ventilation grille is not obstructed.
	The evaporator is iced up.	➤ Check whether the refrigerator door closes properly. Ensure that the refrigerator seal fits correctly and is not damaged. Defrost the refrigerator.
	The temperature is set too high.	➤ Set a lower temperature.
	The ambient temperature is too high.	➤ Remove the ventilation grille for a while so that warm air can escape quicker.
	Too much food was placed in the refrigerator at once.	➤ Remove some of the food.
	Too much warm food was placed in the refrigerator at the same time.	➤ Remove the warm food and leave it to cool down before putting it in again.
	The refrigerator has not been operating for very long.	➤ Check the temperature again after four or five hours.

5.1 Error and warning indication



NOTE
All faults are indicated by a warning symbol, a fault ID and a beep. The beeping lasts for 2 minutes and is repeated every 30 minutes until the error has been rectified.

Faults are indicated by a fault code with a warning symbol (⚠) in the middle of the TFT display.

If multiple faults occur, the fault codes scroll over in the middle of the display.

All faults of the WARNING (W) type are reset automatically once the fault has been rectified.

All faults of the ERROR (E) type must be reset manually:

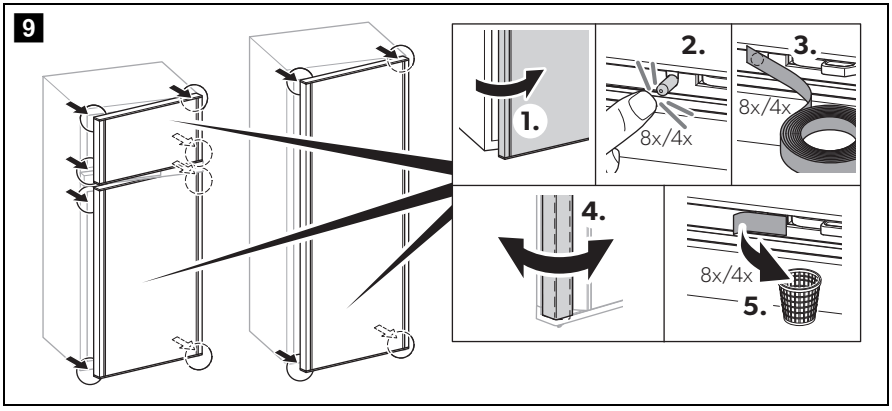
➤ Press the control knob for at least 2 seconds.

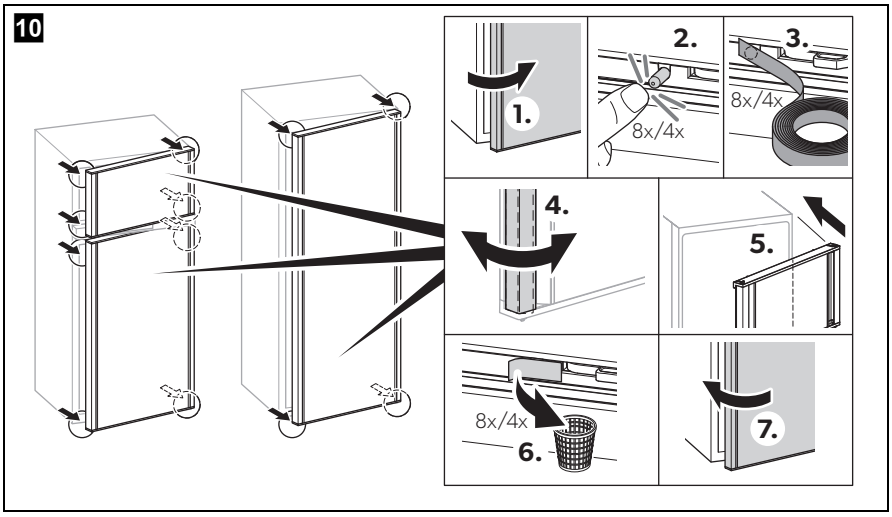
✓ A beep sounds.

✓ The error has been reset.

Code	Audio alarm	Fault	Solution
W02	No	Defective temperature sensor in the refrigerator compartment	➤ Contact an authorized service agent.
E03	Yes	Communication error	➤ Press the on/off button for at least 2 seconds.
W04	No	CI bus fault	Resets automatically
W10	Yes	Door open for more than 2 minutes	➤ Close the door.
W11	Yes	DC voltage <7.5 V	Resets automatically
W19	Yes	DC voltage <10.9 V	Resets automatically
E32	Yes	Outer fan overcurrent	➤ Press the on/off button for at least 2 seconds.
E33	Yes	Compressor does not start	➤ Press the on/off button for at least 2 seconds.
E34	Yes	Compressor overload	➤ Press the on/off button for at least 2 seconds.
E35	Yes	Thermal cut out compressor controller unit	➤ Press the on/off button for at least 2 seconds.

5.2 Troubleshooting with the refrigerator door





CAUTION! Risk of injury
The door can completely detach from the device if the locking pins have been tampered with or are twisted.

NOTE
If the door no longer closes, then the door handle is blocked on the opened side.

To reattach the door:

➤ Insert the door as shown (fig. **9**, page 99).

To close the door:

➤ Remove the door handle blockage as shown (fig. **10**, page 100).

6 Cleaning and maintenance

WARNING! Electrocution hazard
Always disconnect the refrigerator from the energy supply before you clean and service it.

NOTICE! Risk of damage
When cleaning, never use sharp cleaning agents or hard or pointed tools to remove layers of ice or to loosen objects which have frozen in place.

- ➤ Clean the refrigerator regularly and when it gets dirty using a damp cloth.
- ➤ Ensure that no water drips into the seals. This can damage the electronics.
- ➤ Wipe the refrigerator dry with a cloth after cleaning.
- ➤ Check the condensate drain regularly.
- ➤ Clean the condensate drain when necessary. If it is blocked, the condensate collects on the bottom of the refrigerator.

7 Disposal

WARNING! Fire hazard
- The refrigerant is highly flammable. Do not open or damage the refrigerant circuit.
- The insulation of the device contains an insulating gas (see data plate). Do not damage the insulation.

Recycling products with batteries, rechargeable batteries and light sources

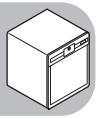


- ➤ Remove any batteries, rechargeable batteries, and light sources before recycling the product.
- ➤ Return defective or used batteries to your retailer or dispose of them at collection points.
- ➤ Do not dispose of any batteries, rechargeable batteries, and light sources with general household waste.
- ➤ 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.
- ➤ The product can be disposed free of charge.

Recycling packaging material



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



8 Warranty

The statutory warranty period 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.

9 Technical data

For the current EU declaration of conformity for your device please refer to the respective product page on dometic.com or contact the manufacturer directly (see dometic.com/dealer).

Further product information can be accessed via QR code on the energy label on the product or via eprel.ec.europa.eu.

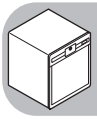
This device complies with UN ECE Regulation R10.05.2014.

Depending on the model, the refrigerator uses either R134a or R600a as refrigerant. The refrigerant used can be found on the data plate.

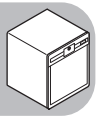
This product contains fluorinated greenhouse gases.

The cooling unit is hermetically sealed.

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.



	RCL10.4ET
Capacity Gross volume: Refrigerator compartment: Frozen compartment: Total net capacity: Without frozen compartment Gross volume: Net capacity:	 154 l 131 l 18 l 149 l 157 l 152 l
Connection voltage:	12 V⎓
Average power input:	57 W
Energy consumption PERFORMANCE mode:	0.54 kWh/24 h 45 Ah/24 hrs.
Climate class:	ST
Refrigerant:	R600a
Refrigerant quantity:	31 g
CO2 equivalent:	0.091 kg
Global warming potential (GWP):	3
Noise emission (EN60704): PERFORMANCE mode: QUIET mode:	 42 dB(A) 39 dB(A)
Dimensions H x W x D (in mm):	1293 x 420 x 595
Weight:	31 kg
Inspection/ certification:	CE UK CA



Compressor refrigerator RCD10.5XT

1 Safety instructions

1.1 General safety



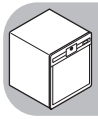
WARNING! Failure to obey these warnings could result in death or serious injury.

Electrocution hazard

- Installation and removal of the refrigerator may only be carried out by qualified personnel.
- 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.
- 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 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 (smell of ammonia):
  - Keep naked flames and potential ignition sources away from the refrigerator.
  - Ventilate the room well.
  - Switch off the refrigerator.



For refrigerators with R600a refrigerant:

- The refrigeration circuit contains a small quantity of an environmental friendly but flammable refrigerant. It does not damage the ozone layer and does not increase the greenhouse effect. Any leaking refrigerant may ignite.
- Do not use or store the refrigerator in confined spaces with none or minimal air flow.

Explosion hazard

- Do not spray aerosols in the vicinity of this refrigerator while it is in operation.
- Do not store any explosive substances, such as spray cans with propellants, in the refrigerator.

Health hazard

- This refrigerator 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 refrigerator in a safe way and understand the hazards involved.
- Children aged from 3 to 8 years are allowed to load and unload the refrigerator.
- Cleaning and user maintenance may not be carried out by unsupervised children.
- Children must be supervised to ensure that they do not play with the refrigerator.

Risk of child entrapment

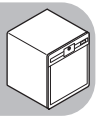
- Make sure that the shelves are mounted and secured so that children cannot lock themselves in the refrigerator.
- Before disposing of your old refrigerator:
  - Dismantle the drawers.
  - Leave the shelves in the refrigerator so that children cannot climb inside.



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

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 use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not open or damage the refrigerant circuit under any circumstances.
- Do not use electrical devices inside the refrigerator unless they are recommended by the manufacturer for that purpose.

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.



NOTICE! Damage hazard

- Check that the voltage specification on the data plate is the same as that of the power supply.
- Do not place the refrigerator near heat sources (heaters, direct sunlight, gas ovens, etc.).
- Keep the condensate drain clean at all times.
- Do not use a high-pressure cleaner near the ventilation grille when cleaning the vehicle.
- The refrigerator may not be exposed to rain.

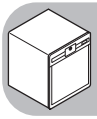
1.2 Safety when operating



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

Health hazard

- Make sure that you only put items in the refrigerator 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 refrigerator.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with and cannot drip onto other food.



- If the refrigerator is left empty for long periods:
  - Switch off the refrigerator.
  - Defrost the refrigerator.
  - Clean and dry the refrigerator.
  - Leave the door open to prevent mold developing within the refrigerator.

Risk of injury

- Do not put your fingers into the hinge.
- Close and lock the refrigerator door before beginning a journey.
- The cooling aggregate at the back of the refrigerator becomes very hot during operation. Protect yourself from coming into contact with hot parts when removing ventilation grilles.



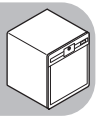
NOTICE! Damage hazard

- Do not lean on the open refrigerator door.
- Only store heavy objects such as bottles or cans in the refrigerator door only, in the vegetable compartment or on the bottom shelf.
- If the refrigerator has a double-sided door and the door is not locked correctly on the opposite side, push on that side at the top and the bottom until it locks in place.
- Do not use electrical devices inside the refrigerator unless they are recommended by the manufacturer for that purpose.
- Ensure that the ventilation openings are not covered.
- **Danger of overheating!**
  Always ensure sufficient ventilation so that the heat generated during operation can dissipate. Make sure that the refrigerator is sufficiently far away from walls and other objects so that the air can circulate.
- Do not fill the inner container with ice or fluid.
- Protect the refrigerator and the cable against heat and moisture.



NOTE

- If the battery management of your vehicle shuts down the refrigerator to protect the battery, contact your vehicle manufacturer.
- Put the refrigerator door and the freezer door into the winter position if you are not going to use the refrigerator for a longer period of time. This prevents mold from forming.
- For ambient temperatures of +15 °C to +25 °C select the average temperature setting.



- To avoid food waste, note the following:
  - Keep temperature fluctuation as low as possible. Only open the freezer as often and for as long as necessary. Store the foodstuff in such a way that the air can still circulate well.
  - If the temperature can be adjusted: Adjust the temperature to the quantity and type of the foodstuff.
  - Store the different foodstuff types as shown in the figures.
  - Foodstuff can easily absorb or release odor or taste. Always store foodstuff covered or in closed containers/bottles.

1.3 Safety when operating with DC power



NOTICE! Damage hazard

- Only select operation with DC power supply if the vehicle engine is running and providing sufficient voltage to the light system, or if you are using a battery monitor.

2 Intended use

The refrigerator is suitable for:

- Installation in caravans and motor homes
- Cooling, deep-freezing and storing food

The refrigerator is not suitable for:

- Storing medications
- Storing corrosive substances or substances that contain solvents
- Quick-freezing food

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

The 2-star freezer compartment is suitable for storing frozen food, storing or making ice cream and making ice cubes. It is not suitable for freezing previously unfrozen food.

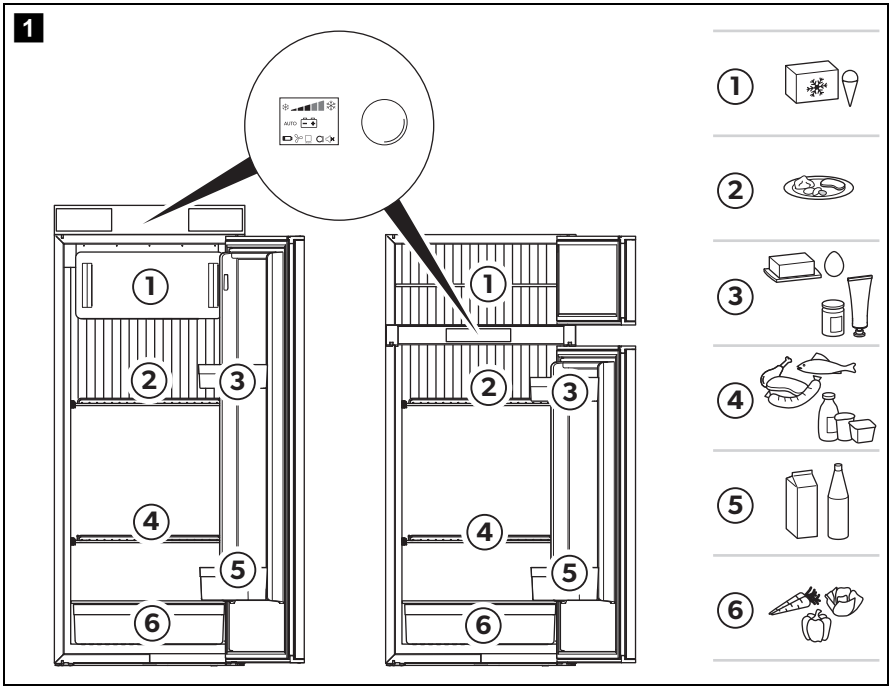
3 Technical description

The refrigerator is a compressor refrigerator and is designed for operation on a 12 V ⎓ power supply.

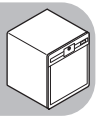
3.1 Operating and display elements

The TFT display has the following operating and display elements (fig. **1**):

1

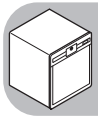


Icon	Description
❄ ▂▃▅▇ ❄	Temperature setting indicator
❄	Blue snowflake: Compressor is running
❄	White snowflake: Compressor does not run
− +	Operating with DC power
− + ⚠ 05	Warning indication with error code
User mode	User mode:



Icon		Description
		Performance • All thermostat settings selectable • Compressor operates in high rpm mode • External ventilation fan operates in high rpm mode
		Quiet • Thermostat settings 1, 2 and 3 are selectable • Compressor operates in low rpm mode • External ventilation fan operates in low rpm mode
		Boost • Thermostat settings fixed on maximum • Compressor operates in high rpm mode • External ventilation fan operates in high rpm mode
Settings		Settings (only RCD models):
		Frame heater Symbol lights up when the frame heater is operating. The frame heater of the freezer compartment reduces condensation.
	CI	Symbol lights up when the refrigerator is connected to the CI bus.
		Symbol lights up when child lock is enabled: • Push the rotary button 3 times within 1.5 seconds to unlock the controls. • After 10 seconds of inactivity the controls will lock again automatically.
		Beep off: Error messages, warning messages and door left open for an extended period are not signaled acoustically.
		Beep on: Error messages, warning messages and door left open for an extended period are signaled acoustically.
		Confirm selection and return to the main menu

4 Operating the refrigerator



NOTE

- Before starting your new refrigerator for the first time, clean it inside and outside with a damp cloth for hygienic reasons.
- When using the refrigerator for the first time, there may be a mild odor which will disappear after a few hours. Air out the living space well.
- Park the vehicle so that it is level, especially when starting up and filling the refrigerator before setting off on a journey.
- The cooling capacity can be influenced by:
  - the ambient temperature (e.g. when the vehicle is exposed to direct sunlight)
  - the amount of food to be refrigerated
  - how often you open the door

4.1 Tips for optimal refrigerator operation

- Do not store goods in the refrigerator for the first 4 hours of operation.
- Protect the interior of the vehicle from warming up excessively (e.g. sunshades in the windows, air conditioner).
- Protect the refrigerator from direct sunlight (e.g. sunshades in the windows).

4.2 Notes on storing food

CAUTION! Health hazard
If the refrigerator is subjected to a room temperature below +10 °C for a longer period of time, even regulation of the freezer compartment temperature cannot be guaranteed. This can lead to an increase of the freezer compartment temperature and the goods stored in it may defrost.

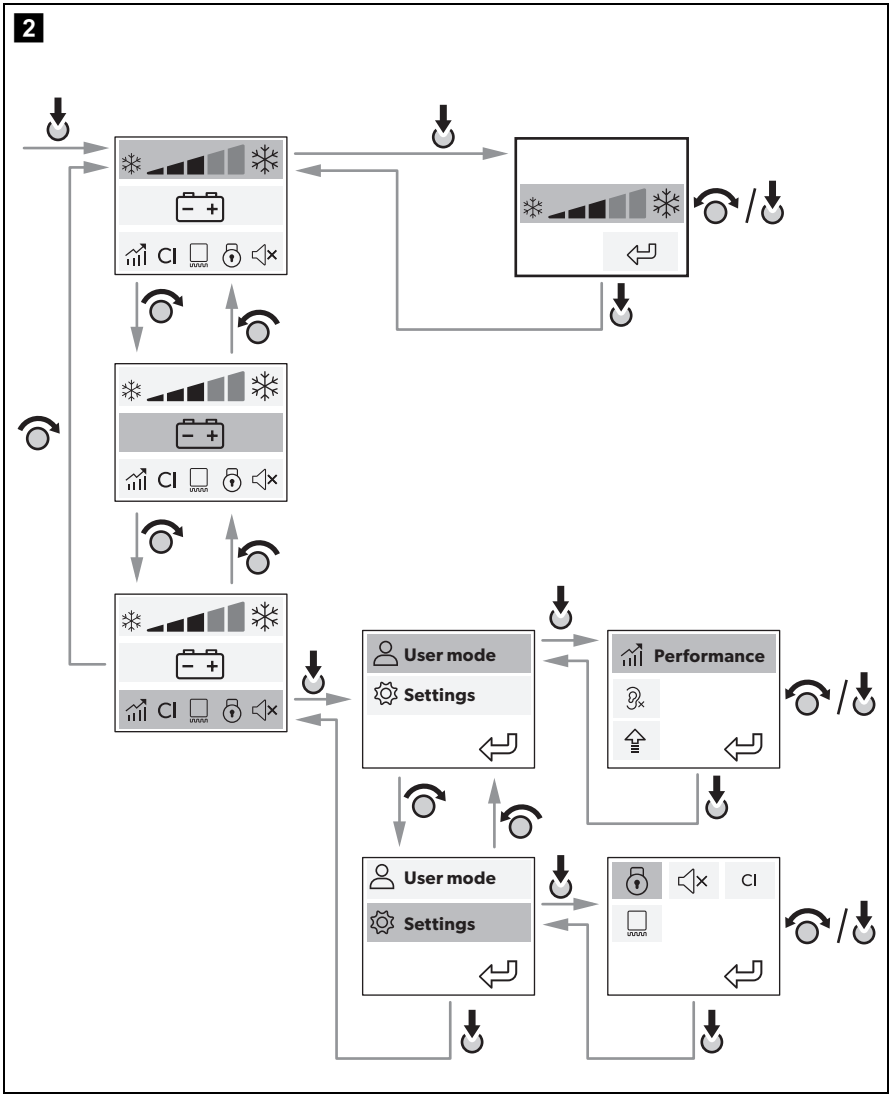
NOTICE! Risk of damage
- The maximum weight per door shelf is 3 kg. The maximum weight for the entire door is 7.5 kg.
- Do not keep carbonated drinks in the freezer compartment.

➤ Store food as shown (fig. **1**, page 109).

4.3 Saving energy

- Only open the refrigerator as often and for as long as necessary.
- Allow warm food to cool down first before placing it in the device to keep cool.
- Defrost your refrigerator as soon as a layer of ice forms.
- 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.

4.4 Operating the refrigerator



NOTE

- When setting the QUIET mode or BOOST mode, the refrigerator returns after 8 hours automatically to PERFORMANCE mode, using the same configuration as set before changing to QUIET or BOOST mode.
- For ambient temperatures of +15 °C to +25 °C, select the average temperature setting.

Operating modes

Icon	Explanation
	PERFORMANCE mode: Standard mode Selection of all temperature levels (1 to 5)
	QUIET mode: Decreased fan and compressor speed with reduced noise, e.g. if the user wants to relax or sleep Selection of three temperature levels (1 to 3)
	BOOST mode: Maximum performance, e.g. for an immediate cool down or after a larger amount of uncooled foodstuff has been put in the refrigerator No selection of temperature levels

To switch on the refrigerator:

➤ Press the control knob for 2 seconds.

✓ The refrigerator starts with the last selected settings.

To navigate in the menu:

1. Press the control knob to activate the navigation menu (fig. **2**, page 113).
2. Turn the control knob to select the desired detail menu.
3. Press the control knob to open the selected detail menu.
4. Turn the control knob to navigate through the detail menu.

✓ Selected settings are displayed in blue.

5. Press the control knob to choose the selected setting.
6. Confirm the selection with ⏎.

To switch off the refrigerator:

➤ Press the control knob for 4 seconds.

✓ A beep sounds and the refrigerator switches off.

4.5 Using the refrigerator door

CAUTION! Risk of injury
- The refrigerator door or freezer compartment door can completely detach from the device if used incorrectly.
- Do not lean on the open refrigerator door.

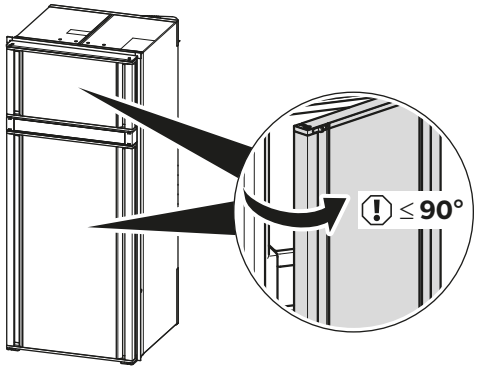
NOTE
If the door is not locked correctly on the opposite side, carefully push on the top and bottom of the door on that side until it locks into place.

To close and secure the refrigerator door/freezer compartment door:

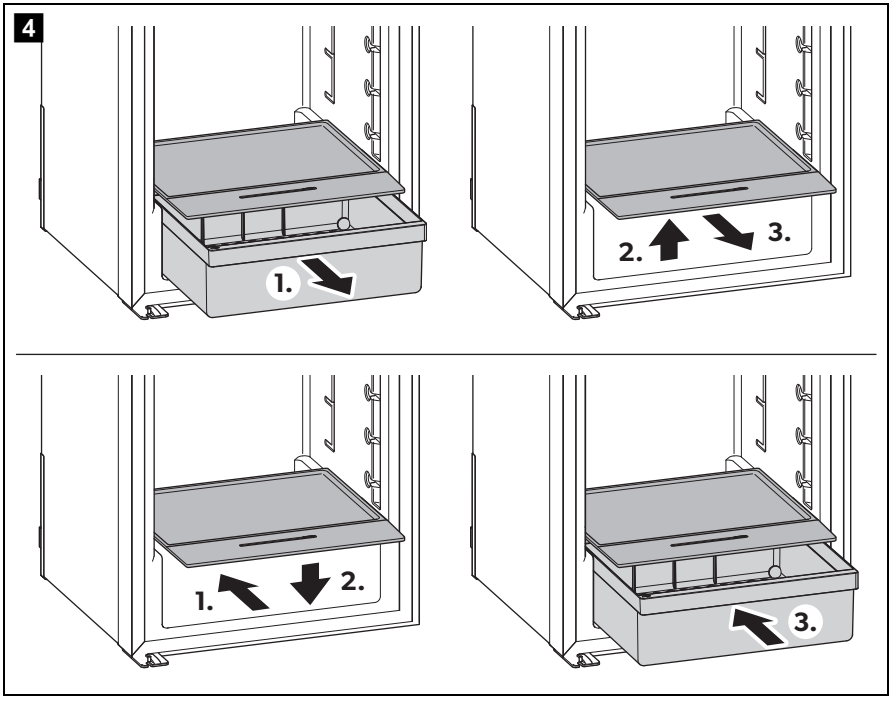
➤ Press the door shut until you hear it clearly click at the top and bottom.

✓ The door is closed and secured.

3



4.6 Using the VG fresh base



NOTICE! Risk of damage
The maximum load capacity of the VG fresh base is 4.5 kg.

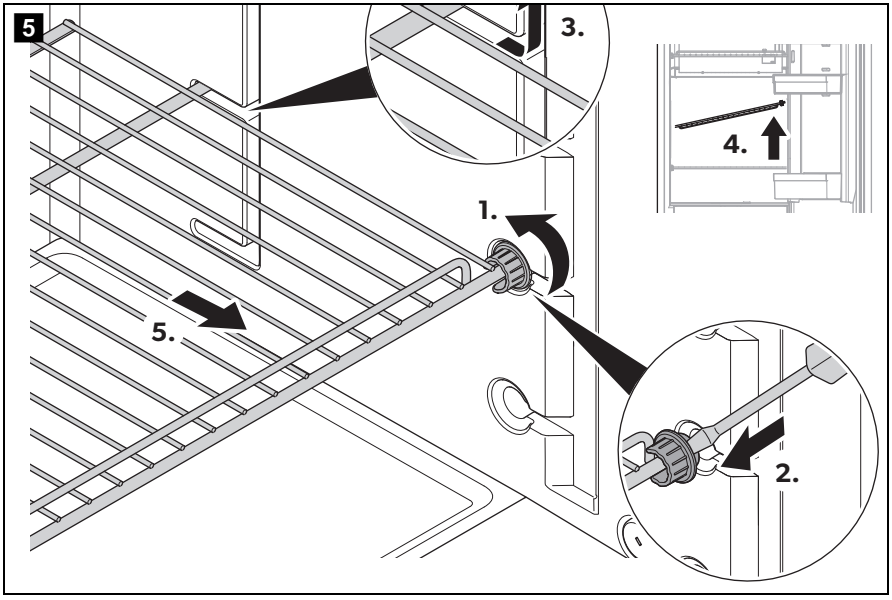
Using the slider in the VG fresh base, the humidity in the vegetable compartment below can be regulated:

Goods to be cooled		Optimal humidity		Slider position
Vegetables		Fast	∘∘∘	➤ Close the slider.
Fruit		low	∘	➤ Open the slider.

To remove and insert the VG fresh base:

➤ Proceed as shown (fig. **4**).

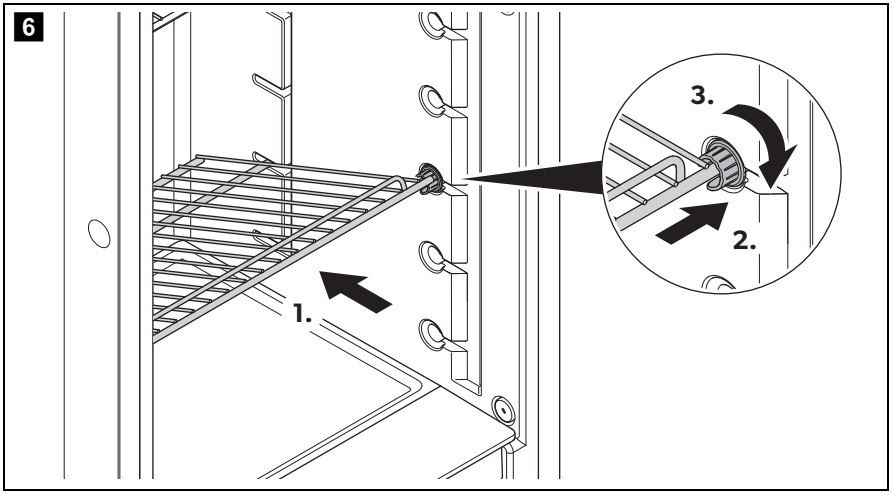
4.7 Positioning the shelves



WARNING! Risk of child entrapment
All shelves are fixed in place to prevent children from climbing inside the refrigerator.
- Only remove the shelves for cleaning purposes.
- Refit the shelves and secure them in place.

1. Remove the shelf as shown (fig. **5**).
2. Refit the shelf in the reverse order.

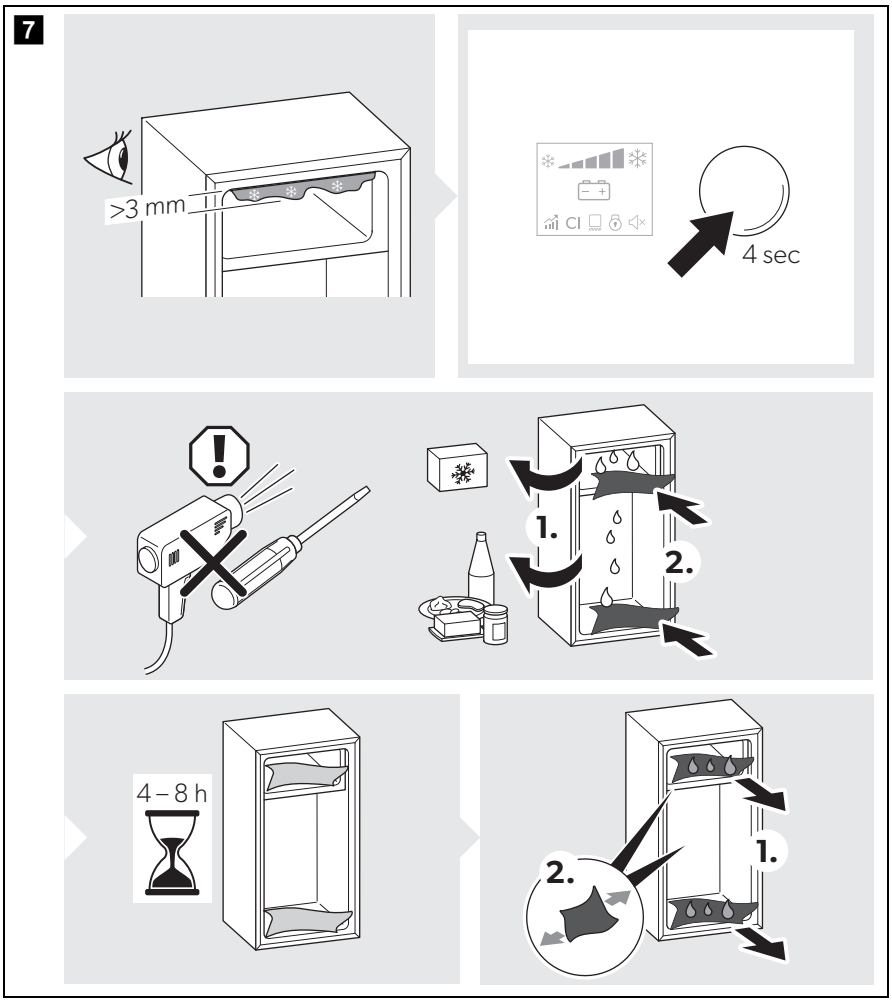
Positioning the shelf at an angle for wine bottles



NOTICE! Risk of damage
While driving, the shelf in the angled position must **not** be filled.

➤ Change the position of the shelf as shown (fig. **6**).

4.8 Defrosting the refrigerator

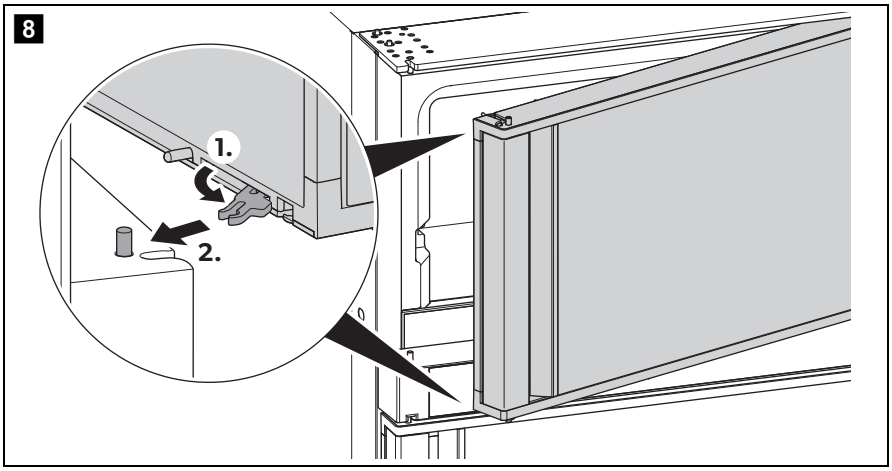


NOTICE! Risk of damage
Do not use mechanical tools or a hair dryer to remove ice or to loosen frozen items.

NOTE
Over time, frost will develop on the cooling fins inside the refrigerator. Once the layer of frost is about 3 mm thick, you should defrost the refrigerator.

➤ Proceed as shown (fig. **7**, page 119).

4.9 Positioning the refrigerator door in winter position



NOTICE! Risk of damage
The winter position may **not** be used while driving.

Place the refrigerator door and the freezer compartment door into the winter position if you are not going to use the refrigerator for an extended period of time. This prevents mould from forming.

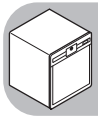
1. Defrost the refrigerator (chapter "Defrosting the refrigerator" on page 119).
2. At the top and bottom of the door in the area of the locking mechanism, pull the hook all the way out (fig. **8**).
3. Press against the refrigerator door.

✓ The protruding pin snaps into the hook.

Open the door in winter mode as follows:

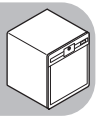
1. Pull the door toward you.
2. Push in the protruding hooks at the top and bottom of the door.

5 Troubleshooting



NOTE
To safely operate 12 V consumer units in the caravan while driving, it must be ensured that the towing vehicle provides sufficient voltage. On some vehicles, the battery management system may automatically switch off the consumer units to protect the battery.
Ask your vehicle manufacturer for more information.

Fault	Possible cause	Suggestion
The refrigerator does not work.	The fuse in the DC cable is defective.	The fuse on the relay must be replaced. ➤ Contact an authorized service agent.
	The vehicle fuse has blown.	➤ Replace the vehicle fuse. (Please refer to the operating manual of your vehicle.)
	The vehicle battery is discharged.	➤ Test the battery and charge it.
	The ignition is not switched on.	➤ Switch on the ignition.
	The temperature at the compressor is too low (<0 °C).	➤ Close/cover all external ventilation grills completely with insulation material.
	The refrigerator switches off automatically if the voltage is insufficient. (Cut-off voltage: 10.4 V)	➤ Load the battery. The refrigerator will start again automatically. (Cut-in voltage: 11.7 V)



Fault	Possible cause	Suggestion
The refrigerator is not adequately cooling.	The ventilation around the cooling unit is not sufficient.	➤ Check that the ventilation grille is not obstructed.
	The evaporator is iced up.	➤ Check whether the refrigerator door closes properly. Ensure that the refrigerator seal fits correctly and is not damaged. Defrost the refrigerator.
	The temperature is set too high.	➤ Set a lower temperature.
	The ambient temperature is too high.	➤ Remove the ventilation grille for a while so that warm air can escape quicker.
	Too much food was placed in the refrigerator at once.	➤ Remove some of the food.
	Too much warm food was placed in the refrigerator at the same time.	➤ Remove the warm food and leave it to cool down before putting it in again.
	The refrigerator has not been operating for very long.	➤ Check the temperature again after four or five hours.

5.1 Error and warning indication



NOTE
All faults are indicated by a warning symbol, a fault ID and a beep. The beeping lasts for 2 minutes and is repeated every 30 minutes until the error has been rectified.

Faults are indicated by a fault code with a warning symbol (⚠) in the middle of the TFT display.

If multiple faults occur, the fault codes scroll over in the middle of the display.

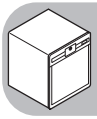
All faults of the WARNING (W) type are reset automatically once the fault has been rectified.

All faults of the ERROR (E) type must be reset manually:

➤ Press the control knob for at least 2 seconds.

✓ A beep sounds.

✓ The error has been reset.

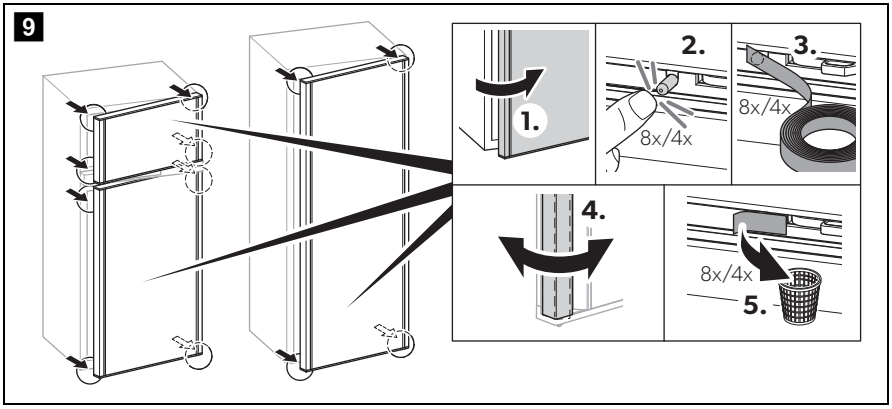


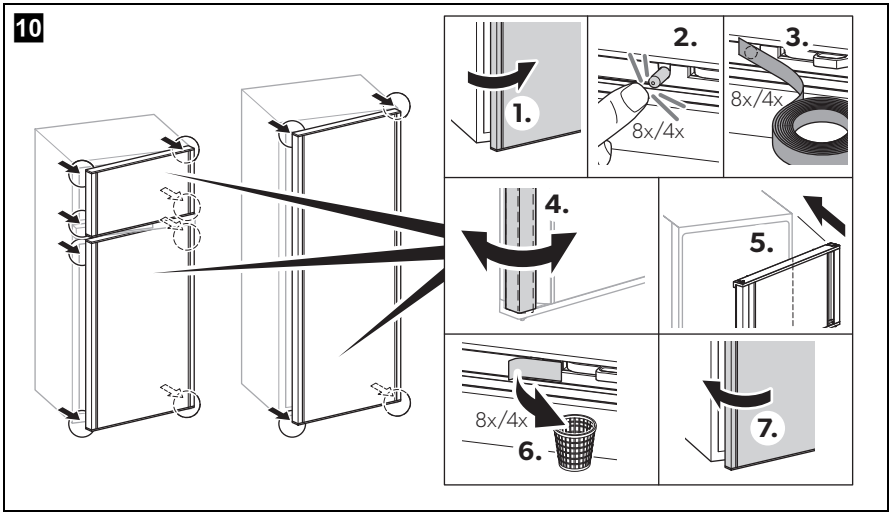
Code	Audio alarm	Fault	Solution
W02	No	Defective temperature sensor in the refrigerator compartment	➤ Contact an authorized service agent.
E03	Yes	Communication error	➤ Press the on/off button for at least 2 seconds.
W04	No	CI bus fault	Resets automatically
W10	Yes	Door open for more than 2 minutes	➤ Close the door.
W11	Yes	DC voltage <7.5 V	Resets automatically
W19	Yes	DC voltage <10.9 V	Resets automatically
E32	Yes	Outer fan overcurrent	➤ Press the on/off button for at least 2 seconds.
E33	Yes	Compressor does not start	➤ Press the on/off button for at least 2 seconds.
E34	Yes	Compressor overload	➤ Press the on/off button for at least 2 seconds.
E35	Yes	Thermal cut out compressor controller unit	➤ Press the on/off button for at least 2 seconds.

Number of flashes	Audio alarm	Fault type	Fault	Solution
continuous	No	W	Defective temperature sensor in the refrigerator compartment	➤ Contact an authorized service agent.
1	Yes	W	DC voltage <7.5 V	Resets automatically
2	Yes	E	Outer fan overcurrent	➤ Press the on/off button for at least 2 seconds.
3	Yes	E	Compressor does not start	➤ Press the on/off button for at least 2 seconds.
4	Yes	E	Compressor overload	➤ Press the on/off button for at least 2 seconds.
5	Yes	E	Thermal cut out compressor controller unit	➤ Press the on/off button for at least 2 seconds.

Number of flashes	Audio alarm	Fault type	Fault	Solution
6	No	W	CI bus fault	Resets automatically
-	Yes	W	Door open for more than 2 minutes	➤ Close the door.

5.2 Troubleshooting with the refrigerator door





CAUTION! Risk of injury
The door can completely detach from the device if the locking pins have been tampered with or are twisted.

NOTE
If the door no longer closes, then the door handle is blocked on the opened side.

To reattach the door:

➤ Insert the door as shown (fig. **9**, page 124).

To close the door:

➤ Remove the door handle blockage as shown (fig. **10**, page 124).

6 Cleaning and maintenance

WARNING! Electrocution hazard
Always disconnect the refrigerator from the energy supply before you clean and service it.

NOTICE! Risk of damage
When cleaning, never use sharp cleaning agents or hard or pointed tools to remove layers of ice or to loosen objects which have frozen in place.

➤ Clean the refrigerator regularly and when it gets dirty using a damp cloth.

➤ Ensure that no water drips into the seals. This can damage the electronics.

➤ Wipe the refrigerator dry with a cloth after cleaning.

➤ Check the condensate drain regularly.

➤ Clean the condensate drain when necessary. If it is blocked, the condensate collects on the bottom of the refrigerator.

7 Disposal

WARNING! Fire hazard

- The refrigerant is highly flammable. Do not open or damage the refrigerant circuit.
- The insulation of the device contains an insulating gas (see data plate). Do not damage the insulation.

Recycling products with batteries, rechargeable batteries and light sources



- ➤ Remove any batteries, rechargeable batteries, and light sources before recycling the product.
- ➤ Return defective or used batteries to your retailer or dispose of them at collection points.
- ➤ Do not dispose of any batteries, rechargeable batteries, and light sources with general household waste.
- ➤ 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.
- ➤ The product can be disposed free of charge.

Recycling packaging material



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

8 Warranty

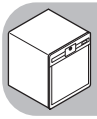
The statutory warranty period applies. If the product is defective, please contact your retailer or the manufacturer's branch in your country (see dometic.com/dealer).

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.

9 Technical data



For the current EU declaration of conformity for your device please refer to the respective product page on dometic.com or contact the manufacturer directly (see dometic.com/dealer).

Further product information can be accessed via QR code on the energy label on the product or via eprel.ec.europa.eu.

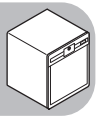
This device complies with UN ECE Regulation R10.05.2014.

Depending on the model, the refrigerator uses either R134a or R600a as refrigerant. The refrigerant used can be found on the data plate.

This product contains fluorinated greenhouse gases.

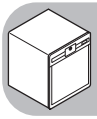
The cooling unit is hermetically sealed.

	RCD10.5XT
Capacity Gross volume: Refrigerator compartment: Frozen compartment: Total net capacity: Without frozen compartment Gross volume: Net capacity:	 177 l 142 l 35 l 171 l – –
Connection voltage:	12 V⎓
Average power input:	54 W
Energy consumption PERFORMANCE mode:	0.72 kWh/24 h 60 Ah/24 hrs.
Climate class:	ST
Refrigerant:	R134a
Refrigerant quantity:	44 g
CO2 equivalent:	0.063 t
Global warming potential (GWP):	1430
Noise emission (EN60704): PERFORMANCE mode: QUIET mode:	 42 dB(A) 39 dB(A)
Dimensions (H x W x D):	1282 x 523 x 620 mm



	RCD10.5XT
Weight:	39.5 kg
Inspection/ certification:	CE UK CA

Absorber refrigerator RMS10.5XT



1 Safety instructions

1.1 General safety



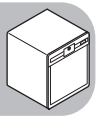
WARNING! Failure to obey these warnings could result in death or serious injury.

Electrocution hazard

- Installation and removal of the refrigerator may only be carried out by qualified personnel.
- 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.
- 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 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 (smell of ammonia):
  - Keep naked flames and potential ignition sources away from the refrigerator.
  - Ventilate the room well.
  - Switch off the refrigerator.



For refrigerators with R600a refrigerant:

- The refrigeration circuit contains a small quantity of an environmental friendly but flammable refrigerant. It does not damage the ozone layer and does not increase the greenhouse effect. Any leaking refrigerant may ignite.
- Do not use or store the refrigerator in confined spaces with none or minimal air flow.

Explosion hazard

- Do not spray aerosols in the vicinity of this refrigerator while it is in operation.
- Do not store any explosive substances, such as spray cans with propellants, in the refrigerator.

Health hazard

- This refrigerator 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 refrigerator in a safe way and understand the hazards involved.
- Children aged from 3 to 8 years are allowed to load and unload the refrigerator.
- Cleaning and user maintenance may not be carried out by unsupervised children.
- Children must be supervised to ensure that they do not play with the refrigerator.

Risk of child entrapment

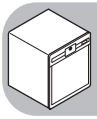
- Make sure that the shelves are mounted and secured so that children cannot lock themselves in the refrigerator.
- Before disposing of your old refrigerator:
  - Dismantle the drawers.
  - Leave the shelves in the refrigerator so that children cannot climb inside.



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

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 use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not open or damage the refrigerant circuit under any circumstances.
- Do not use electrical devices inside the refrigerator unless they are recommended by the manufacturer for that purpose.

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.



NOTICE! Damage hazard

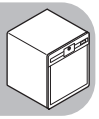
- Check that the voltage specification on the data plate is the same as that of the power supply.
- Do not place the refrigerator near heat sources (heaters, direct sunlight, gas ovens, etc.).
- Keep the condensate drain clean at all times.
- Do not use a high-pressure cleaner near the ventilation grille when cleaning the vehicle.
- The refrigerator may not be exposed to rain.

2 Intended use

Designation
Winter cover WA 130 for the ventilation grill LS 200
Optional Fan Kit REF-FANKIT
Optional Battery pack Pack R10-BP for stand-alone gas operation
Optional storage kit

The cooling device is suitable for:

- Installation in motorhomes and caravans
- Cooling, deep-freezing and storing food



The cooling device is **not** suitable for:

- Storing medications
- Storing substances that are caustic or contain solvents
- Quick-freezing of food

3 Technical description

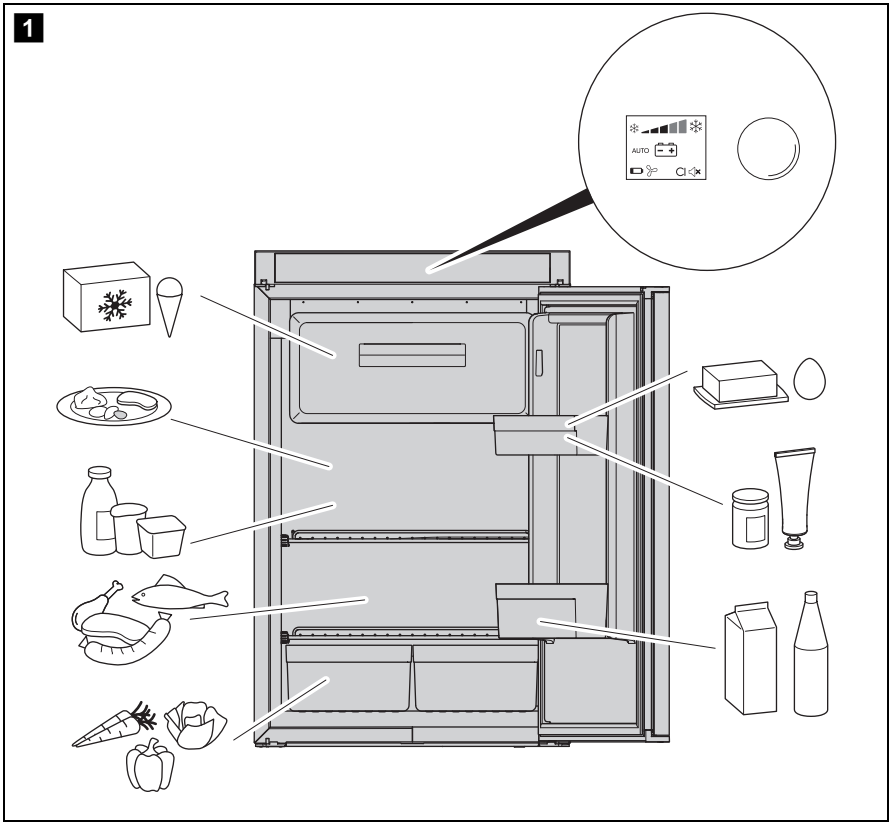
The refrigerator is an absorber refrigerator and is designed for operation

- On a DC power supply (12 V)
- On an AC power supply
- With liquefied gas (propane or butane)

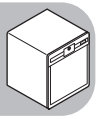
The refrigerator has an automatic operating mode that selects the most economical type of energy connected. The refrigerator unit operates silently.

3.1 Operating and display elements

The TFT display has the following operating and display elements (fig. **1**):

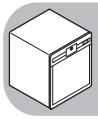


Icon	Designation
❄ ▂▃▅▆ ❄	Cooling capacity display
	Operating with AC power
− +	Operating with DC power
	Operating with gas
AUTO	Automatic mode: In automatic mode, the refrigerator automatically selects the most economical operating mode in the following order of priority:



Icon	Designation
	Battery: Symbol lights up when the battery packs (optional) are fitted and the device is in stand-alone gas mode.
	Fan (optional): Symbol lights up when die fan function is activated.
CI	Symbol lights up when the refrigerator is connected to the CI bus.
	TFT screen dimming After 30 seconds, the brightness of the display is reduced to the set level.
	Beep off: • Error messages and warnings are not signaled acoustically. • Door left open for an extended period is signaled acoustically.
	Beep on: There is an acoustic signal for error messages, warnings, and if the door is left open too long.
	Confirm the selection and return to the main menu

4 Using the refrigerator



NOTE

- Before starting your new refrigerator for the first time, clean it inside and outside with a damp cloth for hygienic reasons.
- When using the refrigerator for the first time, there may be a mild odor which will disappear after a few hours. Ventilate the living area well.
- Park the vehicle so that it is level, especially when starting up and filling the refrigerator before setting off on a journey.
- The cooling capacity can be influenced by:
  - the ambient temperature (e.g. when the vehicle is exposed to direct sunlight)
  - the amount of food to be refrigerated
  - how often you open the door

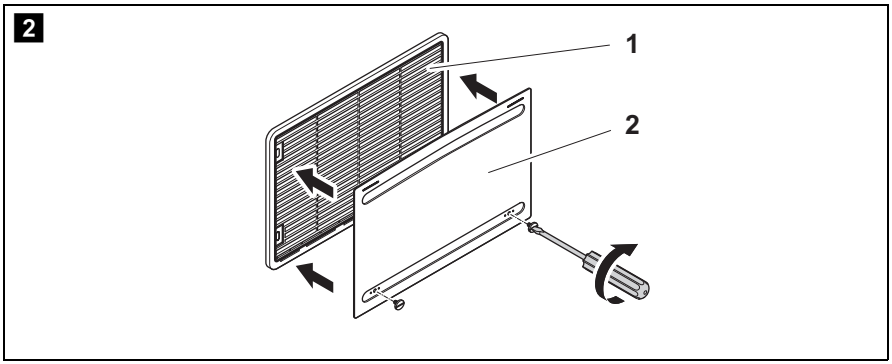
4.1 Tips for optimal refrigerator operation

- Do not store goods in the refrigerator for the first 12 hours of operation.
- Protect the interior of the vehicle from warming up excessively (e.g. sunshades in the windows, air conditioner).
- Protect the refrigerator from direct sunlight (e.g. sunshades in the windows).

4.2 Operating in low outdoor temperatures

NOTICE!
In AC power mode and DC power mode, install **both** winter covers. In gas mode or automatic mode, install the **lower** winter cover only. This prevents heat from building up and ensures the fumes from the refrigerator can dissipate properly.

NOTE
Cold air can impact the performance of the cooling unit. Install the winter covers if you determine a loss of cooling capacity at low ambient temperatures.



➤ Install the winter covers (accessory) as shown (fig. **2**).

4.3 Switching on the refrigerator

➤ Press the control knob for 2 seconds.

✓ The refrigerator starts with the most recently selected settings.

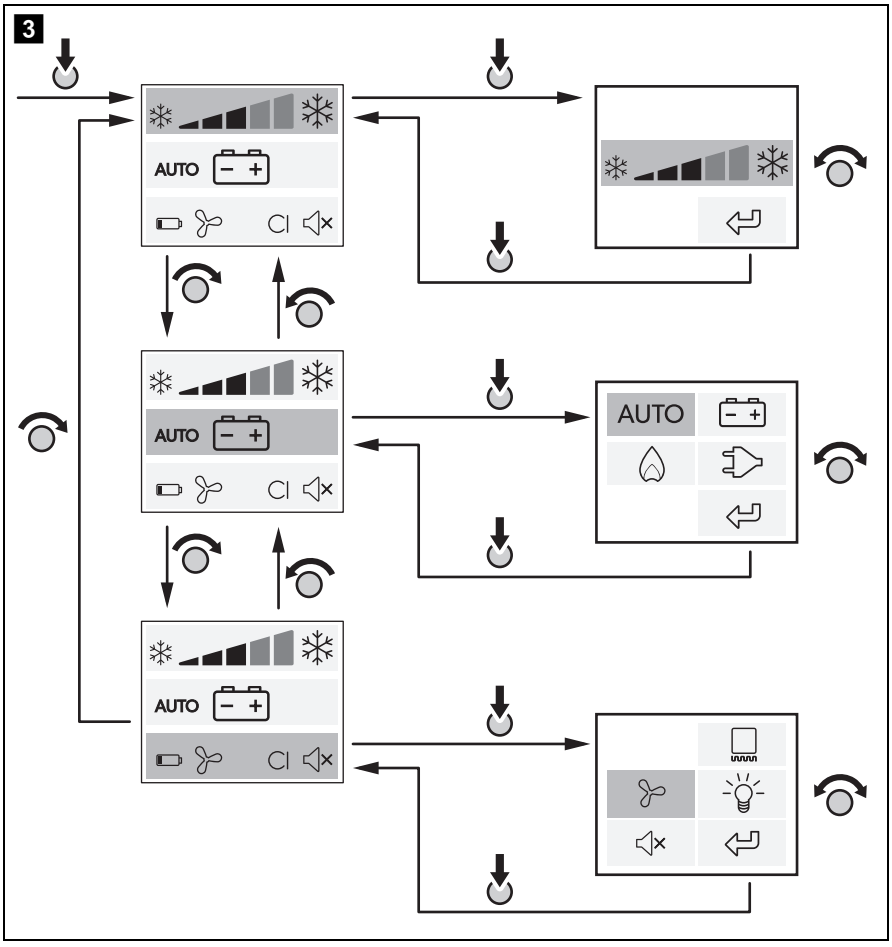
4.4 Switching off the refrigerator

➤ Press the control knob for 4 seconds.

✓ A beep sounds and the refrigerator switches off.

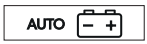
4.5 Operating the refrigerator

Navigation in the menu: fig. 3



➤ Press the control knob to activate the TFT display.

The main menu is divided into three lines:

Main menu	Description
	"Cooling capacity" menu
	"Operating mode" menu
	Settings menu

1. Turn the control knob to select the desired menu.
2. Press the control knob to open the selected menu.
3. Turn the control knob to navigate through the menu.

✓ Selected settings are displayed in blue.

4. Press the control knob to choose the selected setting.
5. Confirm the selection with ⏎.

4.6 Refueling mode

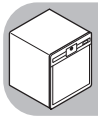
WARNING!
Turn off the refrigerator or select a different operating mode, if refueling will take longer than 15 minutes.

If the vehicle's ignition is switched off, the refrigerator will switch to refueling mode for safety reasons. This stops gas operation for 15 minutes. The refrigerator then automatically switches back to the standard automatic mode.

In refueling mode, the ⛽ symbol is displayed.

4.7 Stand-alone gas operation (accessory)

WARNING!
In stand-alone gas mode, the refrigerator must be switched off manually during refueling.



NOTE
- When no AC or DC power is connected, there is a load on the batteries even when the refrigerator is off.
- Remove the batteries when the refrigerator is not in use (risk of leakage).

For stand-alone gas mode, the optional battery packs must be installed. This make connecting to AC or DC power unnecessary.

When using 12 batteries (type AA), the refrigerator can be operated in stand-alone gas mode for 2 to 3 days.

Please note the following special features when using stand-alone gas mode:
- The light inside the refrigerator remains switched off.
- The display goes out 2 seconds after the last activity.
- The display briefly switches on every 15 seconds. This indicates that the refrigerator is switched on.
- If there are error messages, the display stays switched on.

Stand-alone gas mode is indicated by the symbols ♢ and ▭.

The batteries of the battery packs must be replaced when the error "E 14" is displayed.

4.8 Setting the cooling capacity

NOTE
For ambient temperatures of +15 °C to +25 °C, select the average cooling capacity.

➤ Setting the cooling capacity:
  – Select the desired temperature level in the "Cooling capacity" menu.

4.9 Fan operation (optional)

For fan operation the optional fan must be installed.

When switching on the device, the fan is switched on for a short time (function test). During the device's operation the fan only switches on:

- When the ambient temperature is above 32 °C.
- When the set cooling temperature is not reached within 2 hours.
- When the fan function is activated.

NOTE
In delivery state, if the fan function is activated.

The fan operation is indicated by the symbol .

4.10 Using the refrigerator door

CAUTION! Risk of injury
- The refrigerator door or the freezer door can completely detach from the device if used incorrectly.
- Do not lean on the open refrigerator door.

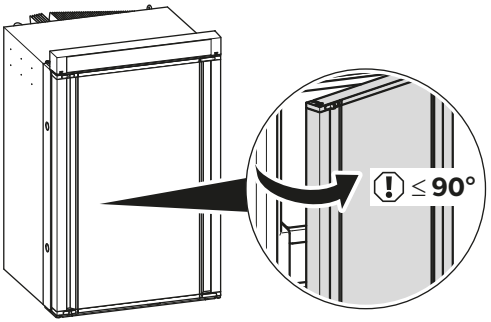
NOTE
If the door is not locked correctly on the opposite side, push carefully on the top and the bottom of the door on that side until it locks in place.

Closing and securing the refrigerator door

➤ Press the door shut until you hear it clearly latch at the top and bottom.

✓ The door is now closed and secured.

4



4.11 Notes on storing food

CAUTION! Health hazard!

- Check if the cooling capacity of the refrigerator is suitable for the food you want to cool.
- Opening the door for long periods can cause significant increase of the temperature in the compartments of the refrigerator.
- Store raw meat and fish in suitable containers in the refrigerator, so that raw meat and fish is not in contact with or drip onto other food.
- Food may only be stored in its original packaging or in suitable containers.
- The freezer compartment is suitable for making ice cubes and for keeping frozen food. It is not suitable for freezing previously unfrozen food.
- If the refrigerator is subjected to a room temperature below +10 °C for a longer period of time, even regulation of the freezer compartment temperature cannot be guaranteed. This may cause the freezer compartment temperature to increase and the goods stored in it may defrost.

NOTICE!

- The maximum weight per door shelf is 6 kg. The maximum weight for the entire door is 7.5 kg.
- Store heavy objects such as bottles or cans in the refrigerator door, in the lower storage compartment or on the bottom shelf only.
- Do not keep carbonated drinks in the freezer compartment.

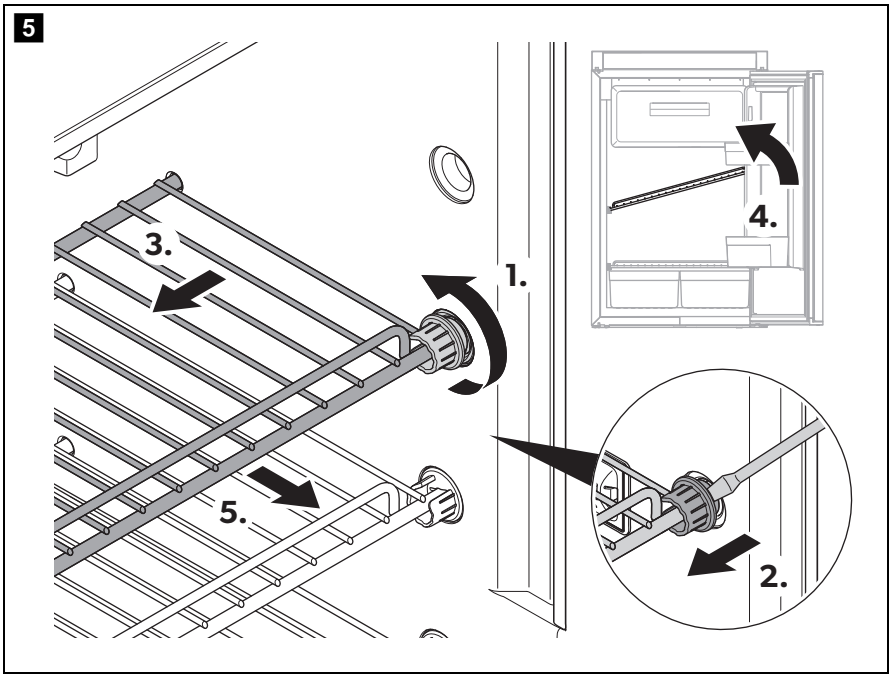
➤ Store food as shown (fig. **1**, page 133).

4.12 Positioning the shelves

WARNING! Risk of child entrapment

All shelves are fixed in place to prevent children from climbing inside the refrigerator.

- Only remove the shelves for cleaning purposes.
- Refit the shelves and fasten them in place.



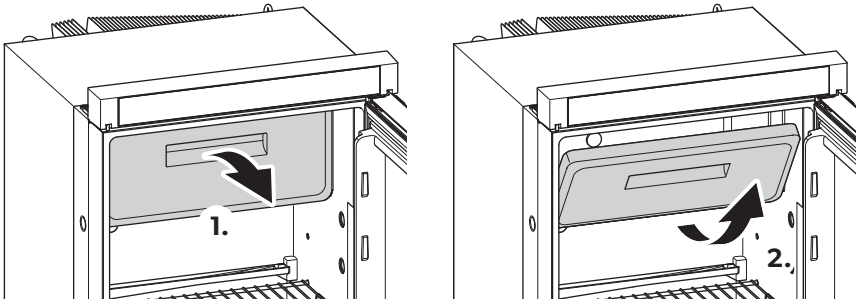
1. Remove the shelf as shown (fig. **5**).
2. Refit the shelf in the reverse order.

4.13 Removing the freezer compartment

You can remove the freezer compartment to create more space in the refrigerator compartment.

NOTE
- Keep the freezer compartment door and the base in a safe place to prevent any damage.
- When installing, replace the parts in the reverse order.

6



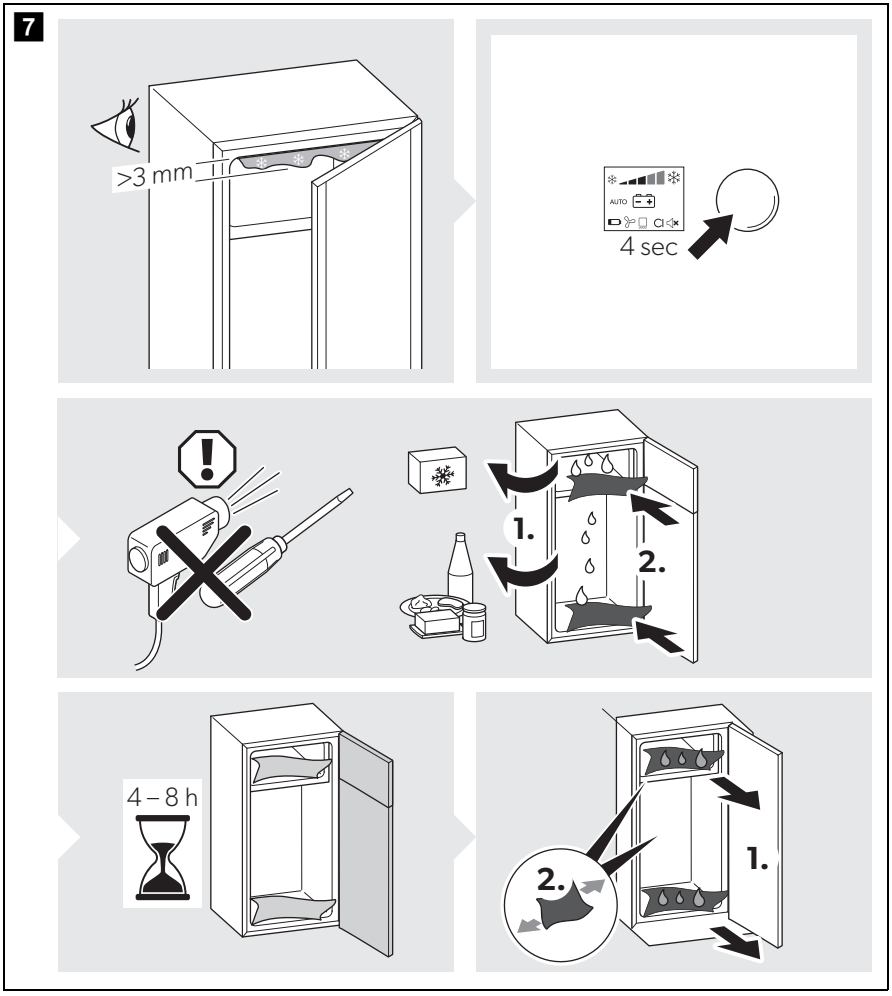
➤ Proceed as shown (fig. **6**).

4.14 Defrosting the refrigerator

NOTICE!
Do not use mechanical tools or a hair dryer to remove ice or to loosen frozen items.

NOTE
Over time, frost will develop on the cooling fins inside the refrigerator. Once the layer of frost is about 3 mm thick, you should defrost the refrigerator.

7



➤ Proceed as shown (fig. **7**).

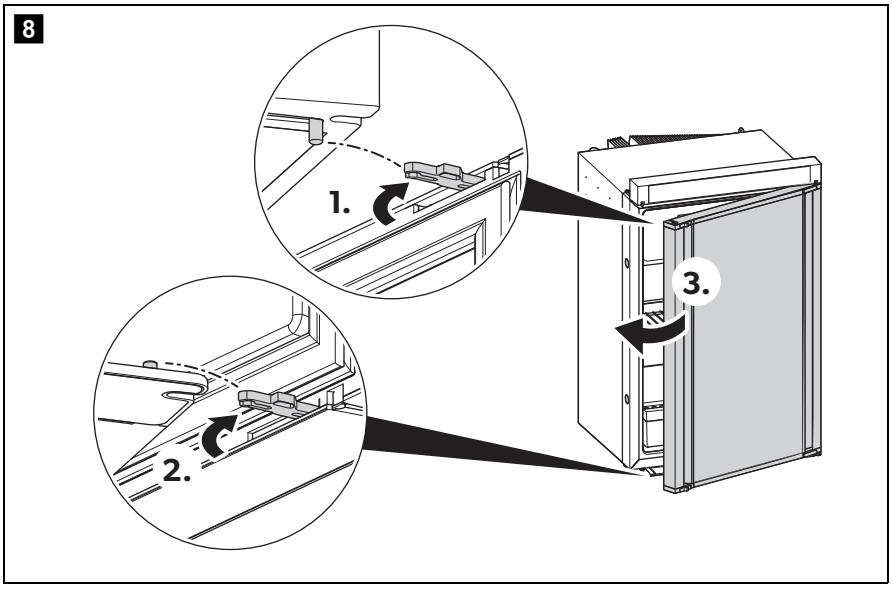
4.15 Positioning the refrigerator door in winter position

CAUTION!
Do **not** use the winter position while driving.

Put the refrigerator door and the freezer compartment door into the winter position if you are not going to use the refrigerator for a longer period of time. This prevents mould from forming.

1. Defrost the refrigerator (chapter "Defrosting the refrigerator" on page 143).

8



2. Unscrew the hook near the securing mechanism all the way at the top and bottom of one side of the door (fig. **8**).
3. Press against the refrigerator door.

✓ The protruding pin engages in the hook.

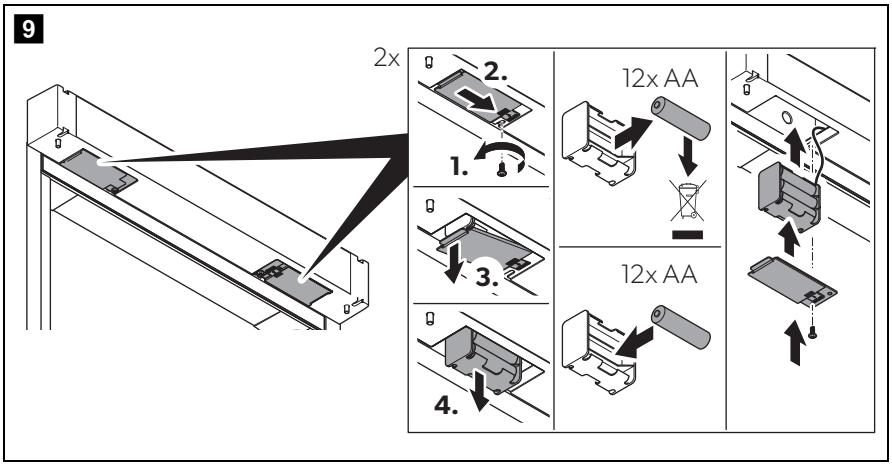
Open the door in winter mode as follows:

1. Pull the door toward you.
2. Push the protruding hooks at the top and bottom of the door back in.

4.16 Optional battery packs

If the vehicle's own 12 V DC battery power supply is unavailable or if the power supply is cut off while the device is in operation, the electronic control unit automatically switches over to the internal battery power (if batteries are inserted).

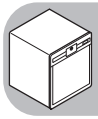
The compartments for the battery packs **(accessories)** are located on the right and left under the operating element. A total of 12 AA batteries are needed.



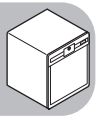
➤ Proceed as shown to insert the batteries (fig. **9**).

5 Troubleshooting

NOTE
To safely operate 12 V consumer units in the caravan while driving, it must be ensured that the towing vehicle provides sufficient voltage. On some vehicles, the battery management system may automatically switch off the consumer units to protect the battery. Ask your vehicle manufacturer for more information.



Fault	Possible cause	Suggestion
In AC power mode: The refrigerator does not work.	The fuse in the AC supply is defective.	➤ Replace the fuse.
	The vehicle is not connected to the AC power supply.	➤ Connect the vehicle to the AC power supply.
	The AC heating element is defective.	➤ Contact your authorized service agent.
In DC mode: The refrigerator does not work.	The fuse in the DC cable is defective.	The fuse on the relay must be replaced. ➤ Contact your authorized service agent.
	The vehicle fuse has blown.	➤ Replace the vehicle fuse. (Please refer to the operating manual of your vehicle.)
	The vehicle battery is discharged.	➤ Test the battery and charge it.
	The ignition is not switched on.	➤ Switch on the ignition.
	The DC heating element is defective.	➤ Contact your authorized service agent.
In gas mode: The refrigerator does not work.	gas cylinder is empty.	➤ Replace the gas cylinder.
	The gas valve is closed.	➤ Turn the valve to open.
	Air is in the gas line.	➤ Switch the refrigerator off and on again. Repeat the procedure three or four times if necessary. ➤ If installed, switch on the stove and repeat the process on the refrigerator if necessary .
In automatic mode: The refrigerator is being operated with gas although it is connected to the AC power supply.	The grid voltage is too low.	The refrigerator automatically switches back to AC power supply as soon as the grid voltage is sufficient again.



Fault	Possible cause	Suggestion
The refrigerator is not adequately cooling.	The ventilation around the cooling unit is not sufficient.	➤ Check that the ventilation grille is not obstructed.
	The evaporator is iced up.	➤ Check whether the refrigerator door is closing properly. Ensure the refrigerator seal is properly fitted and not damaged. Defrost the refrigerator.
	The temperature is set too high.	➤ Set a lower temperature.
	The ambient temperature is too high.	➤ Temporarily remove the ventilation grilles to let out hot air more quickly.
	Too much food has been put in the refrigerator at the same time.	➤ Take out some of the food.
	Too much hot food was placed in the refrigerator at the same time.	➤ Remove the warm food and leave it to cool down before putting it in again.
	The refrigerator has not been operating for very long.	➤ Check the temperature again after four or five hours.

5.1 Fault messages and signal tones

All faults are indicated by a warning symbol, a fault ID and a beep. The beeping lasts for 2 minutes and is repeated every 30 minutes until the error has been rectified.

If multiple faults occur, the display shows the most recent fault. Previous faults are displayed after the last fault has been confirmed.

Faults are indicated by a fault code with a warning symbol (⚠) in the middle of the TFT display.

"WARNING" type error messages

All "WARNING" type errors are automatically reset as soon as the error has been rectified.

RMS10.5XT	Fault	Solution
W01	Defective temperature sensor in the refrigerator compartment	➤ Contact your authorized service agent.
W05	AC power not connected or AC voltage <190 V	➤ Connect the refrigerator to AC power or select a different energy type, e.g. gas or DC power.

RMS10.5XT	Fault	Solution
W06	DC power supply not connected	➤ Connect the refrigerator to DC power or select a different energy type, e.g. gas or AC power.
W11	DC overvoltage (> 16 V)	➤ Reduce the DC power supply voltage.
	Refueling mode: Gas operation is blocked for 15 minutes.	➤ Wait 15 minutes or switch to another operating mode.
 W10 and beep	The door has been open for more than 2 minutes	➤ Close the door.

"ERROR" type error messages

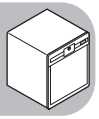
All faults of the "ERROR" type must be reset manually:

➤ Press the control knob for 2 seconds.

✓ A beep sounds.

✓ The error has been reset.

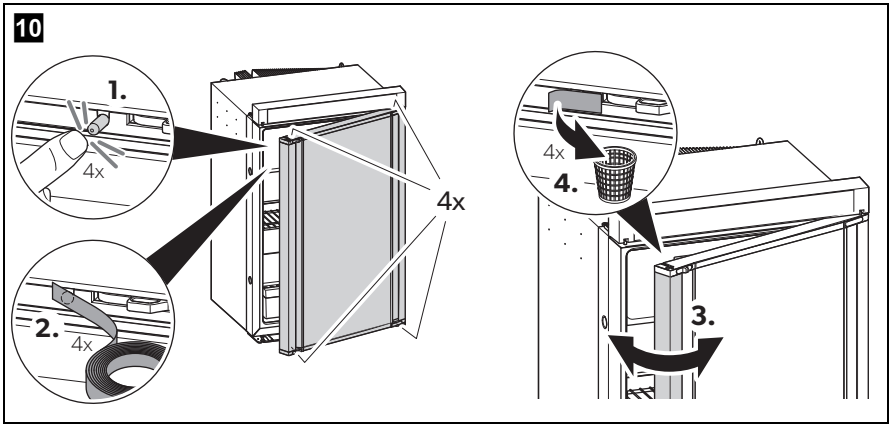
RMS10.5XT	Fault	Solution
E03	No connection between power module and display	➤ Contact your authorized service agent.
E07	No cooling capacity in gas mode	➤ Check if the device is at an angle and adjust it so it is level, if necessary. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E08	No cooling power in AC mode	➤ Check if the device is at an angle and adjust it so it is level, if necessary. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E09	No cooling power in DC mode	➤ Check if the device is at an angle and adjust it so it is level, if necessary. ➤ Reset the error. ➤ Contact service agent if this error occurs again.



RMS10.5XT	Fault	Solution
E12	Gas valve test error	Gas operation not possible. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E13	Internal communication error	Gas operation not possible. ➤ Reset the error. ➤ Contact service agent if this error occurs again.
E14	In stand-alone gas mode: The battery charge of the battery packs is too low	➤ Insert new batteries and then reset the error.
E50	Gas lock after 3 ignition attempts	Ignition not possible. ➤ gas cylinder is empty. Replace the gas cylinder. ➤ Reset the error.
E51	Gas lock, internal error in the power module	➤ Reset the error. ➤ Contact service agent if this error occurs again.
E52	Ground contact, gas valve	➤ Reset the error. ➤ Contact service agent if this error occurs again.
E53	Ground contact, ignition electrode	➤ Reset the error. ➤ Contact service agent if this error occurs again.

Refrigerator door does not close

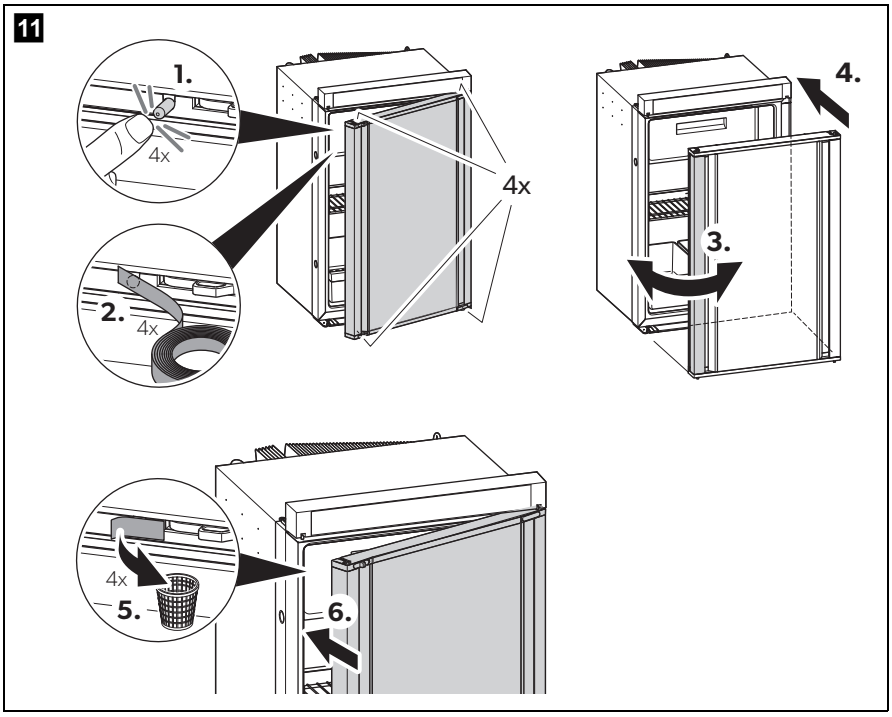
NOTE
If the door no longer closes, then the door handle is blocked on the opened side.



➤ Remove the door handle blockage as shown (fig. **10**).

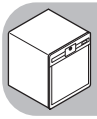
Refrigerator door has completely detached from the device

CAUTION! injury hazard
The door can completely detach from the device if the locking pins have been tampered with or are twisted.



➤ Put on the door as shown (fig. **11**).

6 Cleaning and maintenance





WARNING!
Always disconnect the refrigerator from the power supply before any cleaning and maintenance.



NOTICE!
Never use sharp cleaning equipment or hard or pointed tools to remove ice or to loosen objects which have frozen in place.

- ➤ Use a damp cloth to clean the refrigerator regularly and when it is dirty.
- ➤ Ensure that no water drips into the seals. This can damage the electronics.
- ➤ Wipe the refrigerator dry with a cloth after cleaning.
- ➤ Check the condensate drain regularly.
- ➤ Clean the condensate drain when necessary. If it is blocked, the condensate collects on the bottom of the refrigerator.
- ➤ Ensure that the ventilation grilles in the outer wall of the motorhome or caravan and the refrigerator roof ventilator are free from dust and pollutants. This ensures that the heat generated during operation can dissipate, the refrigerator is not damaged and the cooling capacity is not reduced.

6.1 Cleaning the gas burner

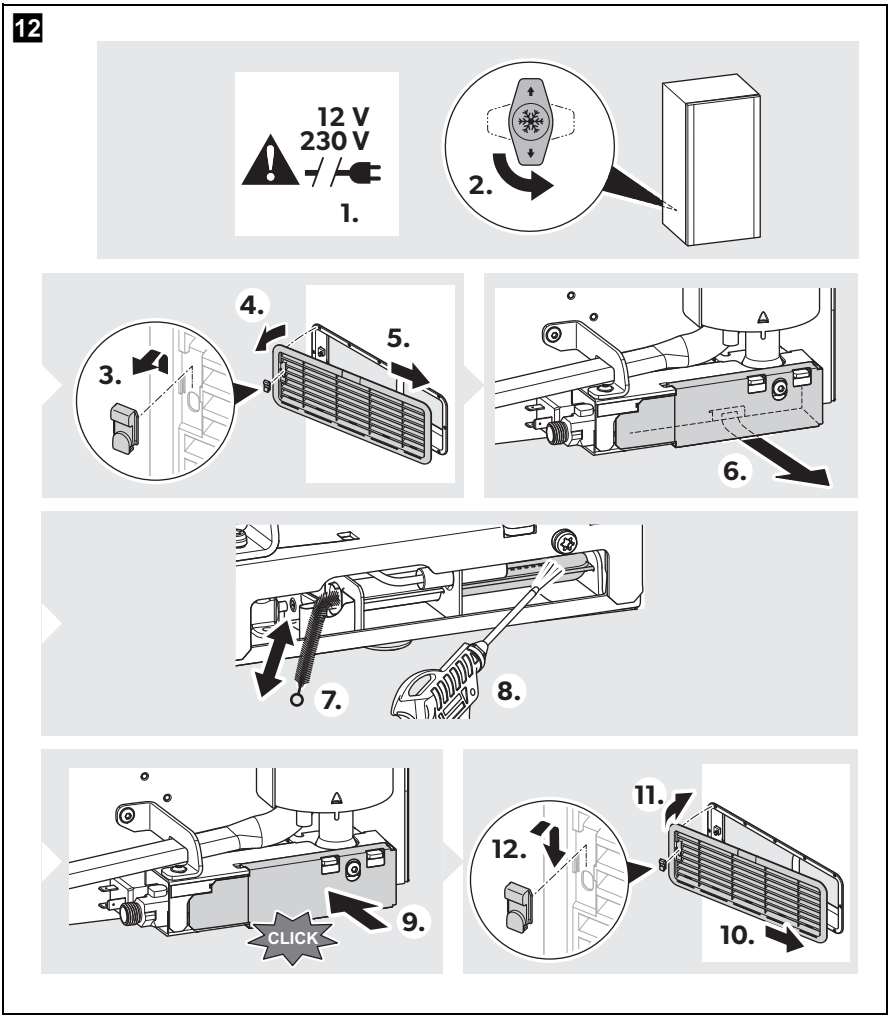


WARNING!
- Allow the burner to cool down before cleaning it.
- Do not modify the gas equipment.



NOTE
- Dirt in the gas burner is indicated by poor ignition or deflagrations.
- The manufacturer also recommends cleaning the burner after not being used for a longer period and at least once a year.
- When using liquefied petroleum gas, the cleaning interval is reduced to half yearly or quarterly, depending on the level of dirt.

12



➤ Proceed as shown (fig. **12**).

6.2 Maintenance

WARNING!
Working on gas and electrical installations may only be performed by qualified technicians.

➤ Have the gas system and connected flues inspected before starting up the device for the first time, and by an authorized professional every two years to ensure they comply with the national safety requirements.

➤ Keep a record of all maintenance performed.

7 Disposal

WARNING! Fire hazard
- The refrigerant is highly flammable. Do not open or damage the refrigerant circuit.
- The insulation of the device contains an insulating gas (see data plate). Do not damage the insulation.

Recycling products with batteries, rechargeable batteries and light sources

➤ Remove any batteries, rechargeable batteries, and light sources before recycling the product.

➤ Return defective or used batteries to your retailer or dispose of them at collection points.

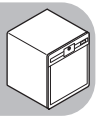
➤ Do not dispose of any batteries, rechargeable batteries, and light sources with general household waste.

➤ 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.

➤ The product can be disposed free of charge.

Recycling packaging material

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



8 Warranty

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

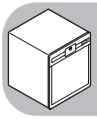
For repair and warranty processing, please include the following documents when you send in the product:

- 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.

9 Technical data

	RMS10.5XT
Connection voltage:	230 V~ /50 Hz 12 V⎓
Capacity Gross volume: Refrigerator compartment: Freezer compartment: Total net capacity: Excluding freezer compartment Gross volume: Usable capacity:	 92 l 80.3 l 12.1 l 90 l 98 l 96 l
Power input:	135 W (230 V~) 130 W (12 V⎓)
Energy consumption:	3.2 kWh/24 h (230 V~)
Gas consumption:	270 g/24 h
Climate class:	SN
Dimensions h x w x d:	821 x 523 x 603 mm
Weight:	29 kg
Inspection/ certification:	CE E1



The current EU Declaration of Conformity for your device can be found on the product page at dometic.com. Alternatively, contact the manufacturer directly (see back page).

Detailed information

dometic.com

DOMETIC

COOKING
COOKERS & RANGES



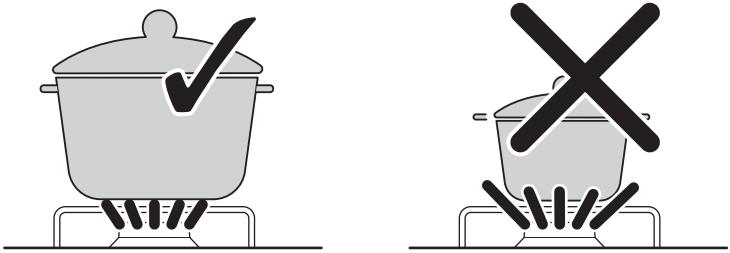
Built-in LPG stove

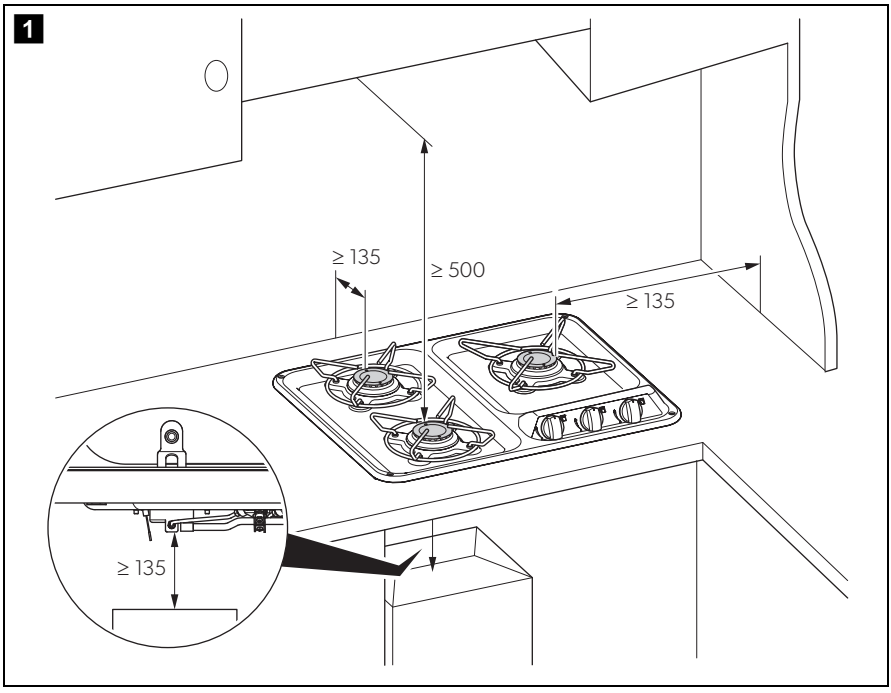
MO 9722R

Liquid gas stove MO 9722 R

1 Safety Instructions

NOTICE





1.1 General Safety



WARNING!

- This heater may only be repaired by qualified personnel. Improper repairs can result in considerable danger or damage to the device.
- Only use category I_3 liquefied petroleum gas (propane/butane). Do **not** use any other fuels.
- Keep a suitable fire extinguisher in the immediate vicinity.
  Ensure that the fire extinguisher is checked by a specialist in regular intervals.

1.2 Safety when operating with gas



WARNING!

- Keep flammable substances away from heating and cooking devices, and other light and heat sources.
- **Risk of asphyxiation!**
  Before switching on the device, ensure that the area is sufficiently ventilated. The installation area must have air vents with an open cross-section of at least 150 cm^2 when the device is in operation. It may be possible to close these vents, but they must be kept open when the device is operating (see sign located above device).
- **Only** operate the device at the pressure specified on the data plate. Only use pressure regulators with a fixed setting that comply with the national regulations.
- Compare the pressure information on the data plate with the pressure information on the propane or butane gas cylinder.
- If you smell gas:
  - Open all windows and leave the room.
  - Do not operate any electrical devices or switches, and avoid using open flames that can ignite the gas.
  - Close the valve on the gas cylinder and keep it closed until the fault has been rectified.
  - Never attempt to find a gas leak with an open flame.

1.3 Operating the device safely

WARNING!

- Use the integrated igniter (if present), long matches or a suitable lighter. The complete ignition process must be visible from above and must not be hidden by pots placed on the stove.
  Remove your hand quickly as soon as the burner ignites.
- Wear appropriate clothing when operating the device.
  Do not wear loose fitting clothing which might catch fire.
- Do not use the stove to heat the room.
- Never operate the device
  - At petrol stations
  - On ferries
  - While transporting the caravan or motorhome with a transport vehicle or tow truck



- Only close the glass cover after the burner has cooled down. Do not ignite the burner if the glass cover is closed. Otherwise, the glass cover can shatter and flying fragments can injure you.
- If you are using a model with a glass cover over the sink, then keep a distance of 10 mm between the closed glass cover and the pots/pans on the device.

CAUTION!

- Let the device cool down to ambient temperature before you touch it with bare hands.
- Keep the area surrounding the device and interior parts free of grease, fat, alcoholic substances, plastic or flammable cloths (e.g. curtains, towels, kitchen utensils).
- Only use pots and pans with an even base and a diameter no larger than the grids on the device. The pots and pans must be large enough to cover the flame. If the flames are not covered, items of clothing could catch fire.
- When cooking, ensure that pans and pots are firmly set down.
- Never allow pot handles to extend beyond the edge of the device. Turn pot handles inward, but not extending over other burners. This will minimize the risk of spillage, ignition of flammable materials and/or serious burns.
- Be careful when heating grease or oil. Grease and oil catch fire when exposed to great heat.



- Use only dry pot holders to prevent the formation of steam. Do not use towels or similar items instead of pot holders, as these can catch fire.
- Only operate the device when you or another person can attend to it. Pots boiling over can cause smoke and fires.
- Turn off the device before removing the pot or pan.
- **Danger of breakage!**
  If one is present, close the glass cover before beginning a journey. Open the glass cover before lighting the burner.

2 Scope of delivery

- Combination MO9722R
- Grid
- Operation manual

3 Intended use

The series MO9722R liquefied gas cooktop with sink is intended for installation in a kitchen or countertop in caravans and motorhomes. It is **not** suitable for use on boats or in sea vehicles.

The device must only be used for cooking food.

4 Technical description

4.1 Function

The unit is equipped with an automatic flame monitoring device which automatically interrupts the gas supply after approx. 20 seconds if the flame goes out.

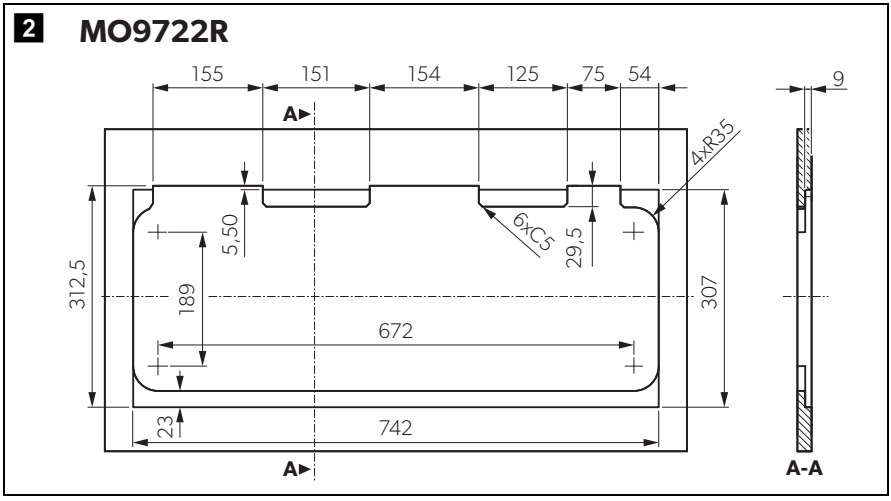
4.2 Specification of the device

The device **MO9722R** is a combination with two burners, sink and safety glass lids, with electric ignition.

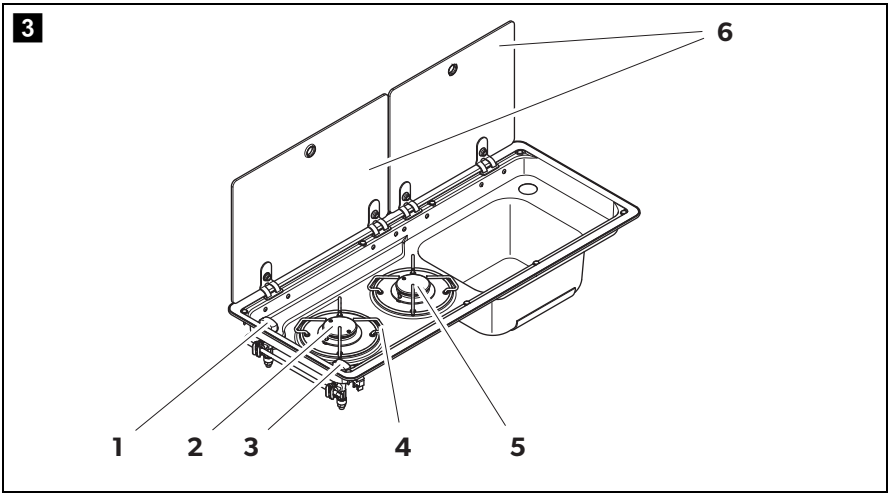
The safety glass cover can be used as a work surface when it is closed.

4.3 Dimensions

2 **MO9722R**



4.4 Control elements and design



No.in fig. 3	Description
1	Control knob for burner 1
2	Burner (1.1 kW), for pot diameters from 16–22 cm
3	Control knob for burner 2
4	Grid
5	Burner (1.8 kW), semi-fast, for pot diameters from 16–22 cm
6	Glass cover

The symbols next to the control knobs (fig. 3, 1 – 3) have the following meanings:

Position of the burner

Gas valve closed

High flame

Low flame

5 Operating the device

5.1 Igniting a burner



WARNING! Risk of injury!
Do not leave the stove unattended when cooking.
The complete ignition process must be visible from above and must not be hidden by pots placed on the stove.

1. Open the valve on the gas cylinder.
2. Open the shut-off valve for the stove.
3. Turn the knob for the respective burner counter-clockwise from the zero setting (●) to the large flame setting.

Automatic ignition

➤ Push the knob inwards and hold it in this position.

Once the burner has been lit, you can let go of the knob after approximately 5°seconds.

5.2 Switching off

1. Set the knob to the zero setting (●).

✓ The burner goes out.

2. Close the shut-off valve for the stove.
3. If you are not planning to use the stove for a long time, close the valve on the gas cylinder.

5.3 Replacing a gas cylinder

WARNING! Risk of injury!
Only replace the gas cylinder when there is good ventilation.
Ensure that there is no source of ignition nearby.
Only change the gas cylinder when the device is not in use and the gas supply to the device is switched off.

1. Switch the device off by turning the control knobs clockwise to the zero setting.
2. Close the valve on the gas cylinder.
3. Screw the pressure reducing valve off the bottle.

4. Check the condition of the hose line.
   Replace the hose line if the material is brittle or porous.
5. Tightly screw the pressure reducing valve onto the new cylinder.



6 Cleaning the device



CAUTION! Hot surface!
The surface may still be hot. Keep children at a distance.
Let the device cool down to ambient temperature before you touch it with your hands.



NOTICE!
Do not use any sharp or hard objects for cleaning since they may damage the device.
Only use standard commercial cleaning agents.
Do not use a steam cleaner to clean the device.

1. Switch off the device immediately according to chapter "Switching off" on page 165.
2. Allow the device to cool down before cleaning it.
3. Remove the grid.
4. Clean the surface of the device. In particular, remove any sticky grease and oil residue.

7 Stove maintenance

For safety reasons, the device must be inspected annually by a specialist for correct functionality and necessary repairs.

1. During the annual inspection of the device, pay particular attention to the following functions:
   - Testing for gas leaks
   - Testing burning safety and flame stability
   - Testing fresh air supply
   - Testing the safety and regulating devices (burner taps)
2. Check that the installation location conforms to the applicable local regulations.

3. Check the following components for dirt and clean, if necessary:
   – Gas outlets on the burners
   – Burner heads
   – Thermocouple
4. Check whether the distance between the burner head and the thermocouple is correctly set (approximately 1–3 mm).



8 Disposal



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

➤ Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.

9 Warranty

The statutory warranty period 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.

10 Technical data

	MO9722R
Gas consumption:	80/131 g/h
Gas category:	Category $I_{3B/P}$, I_{3+} (propane/butane)



	MO9722R
Connection pressure:	AT, BG, CY, DE, DK, EE, FI, GR, HU, IS, LT, LV, MT, NL, NO, RO, SE, SI, SK, AL, HR, MK, TR: 30 mbar (propane/butane) BE, CH, CY, CZ, ES, FR, GB, GR, IE, IT, LT, PL, PT, SI, SK, AL, MK, TR: 28–30 mbar (butane), 37 mbar (propane)
Number of burners:	2
Burner output:	1100/1800 W
Cooking time for 1 l of water:	Approx. 10 min (depending on the ambient conditions and pot used)
Dimensions (L x W x H):	760 x 325 x 115.6 mm
Inspection/ certification:	CE UKCA

DOMETIC

ENERGY & LIGHTING ACCESSORIES



Power supply unit

SMP 301-02

SMP 301-03

SMP 301-07

SMP 301-11

Power supply unit SMP 301-02/-03/-07/-11

1 Safety instructions





WARNING!

- This product can be used by children aged 8 years or over, as well as by persons with diminished physical, sensory or mental capacities or a lack of experience and knowledge, provided they are supervised, or have been taught how to use the device safely and are aware of the resulting risks.
- Cleaning and user maintenance may not be carried out by unsupervised children.
- Only use the product as intended.
- Do **not** use the product in wet or damp environments or in areas where there is a risk of gas or dust explosions.
- Maintenance and repair work may only be carried out by qualified personnel who are familiar with the risks involved and the relevant regulations.

1.1 Safety when installing the product



WARNING!

- The electrical installation may only be connected by qualified personnel and only in accordance with the national regulations. Incorrect connection may cause severe hazards.
- Take the precautions necessary to ensure that children cannot interfere with the product.
  Dangerous situations may occur which cannot be recognized by children!



NOTICE!

- Do not expose the product to any heat source (such as direct sunlight or heating). Avoid additional heating of the device in this way.

Electrical cables

CAUTION!

- Lay the cables so that they cannot be tripped over or damaged.
- Have damaged power cables replaced by a specialist in accordance with national regulations.

NOTICE!

- If cables have to be fed through metal walls or walls with sharp edges, use ducts or bushings to prevent damage.
- Do not lay cables that are loose or sharply bent next to electrically conductive material (metal).
- Do not pull on the cables.
- Do not lay the AC cable and the DC cable in the same duct.
- Firmly secure the cables.



1.2 Operating this product safely

WARNING!

- Operate the product only if you are certain that the casing and the cables are undamaged.
- Always disconnect the power supply when working on the product.

NOTICE!

- Ensure the ventilation grills in the product are not covered.
- Ensure good ventilation.

1.3 Operating the battery charger safely (SMP 301-07 only)

DANGER!

- The battery may emit explosive gases during the charging process. Ensure that there are no sparks or flames in the vicinity of the battery. Ensure that the product is sufficiently ventilated.

WARNING!

- Wear safety glasses when handling the battery and especially when connecting and disconnecting the battery.



- In the event of the skin or eyes coming into contact with battery acid, rinse out the affected areas immediately with lots of water and call a doctor.
- Only charge rechargeable batteries.
- Only charge the battery if it is not frozen.
- Do not put the battery charger on the battery.
- Do not cover the battery charger.
- Only use the battery charger if the casing, connections and cable are undamaged.

NOTICE!

- A charging voltage of up to 15 V is possible during the charging process. Ensure that there are no consumer units connected to the battery during the charging process. This is to prevent the consumer units connected from being damaged.
- The battery charger switches to preservation mode following the charging process. If the battery charger does not switch out of charge mode, disconnect the battery charger from the battery. Have the battery charger checked by a specialist electrician.
- Regularly check the battery for damage and for defects when it is in use. A defective battery is detected by the battery charger during the charging process.

2 Scope of delivery

- Switching power supply
- Battery charger (only SMP 301-07)
- Operation manual

3 Accessories

Available as an accessory for SMP 301-11 power supply unit (not included in the scope of delivery):

Designation	Ref. number
Overvoltage protection	9106505815

4 Intended use

The power supply units SMP 301-02/-03/-07/-11 are suitable for installation in habitable recreational vehicles (e.g. motorhomes, caravans, boats etc.).

The SMP 301-02/-03/-07 power supply units are used to supply voltage to DC consumers and can be supplied with AC or DC current.

The battery charger of the SMP 301-07 power supply unit is suitable for charging 6-cell lead batteries (lead-acid, gel, AGM) with a capacity of 50 Ah to 300 Ah. Do not use the battery charger for any other purpose and do not use it to charge other types of batteries.

The SMP 301-11 switched-mode power supply unit is intended for installation in habitable recreational vehicles (motorhomes, caravans).

The SMP 301-11 switched-mode power supply unit is used to supply power to underfloor heating systems in recreational vehicles. The switched-mode power supply is operated with an alternating voltage of 230 V and outputs a direct voltage of 24 V.

The switched-mode power supply units are approved for permanent operation.

5 Technical description

The switched-mode power supply unit can be connected to an external power supply.

SMP 301-03, SMP 301-07

The switched-mode power supply unit can be connected to a battery.

The integrated priority circuit automatically switches over from battery operation to mains operation when an external power supply is available.

In mains operation, the power supply unit supplies consumer units with a constant DC of 12.7 V. The battery is automatically disconnected from the consumer unit.

Battery operation is activated automatically if mains operation is deactivated. The consumer units connected are supplied with energy via the battery.

SMP 301-07

In mains operation, the battery charger supplies the battery with a constant charging voltage. The battery charger can supply a charging current of up to 20 A until a battery voltage of 12.7 V is reached. The battery charger can supply a charging current of up to 5 A at a battery voltage in excess of 12.7 V. The charging process for the battery is shorter if as many consumer units as possible are switched off. Once the battery is fully charged, the battery charger supplies it with a float charge.



The battery charger has the following safety functions:

- Overheating protection:
  The charging current is reduced if the ambient temperature is too high.
- Deep discharge protection:

Battery operation is deactivated if the battery voltage drops below 10.8 V.

SMP 301-11

The switched-mode power supply converts an unstabilized input voltage to a stabilized output voltage. It provides a constant DC voltage of 24 V for DC consumer units.

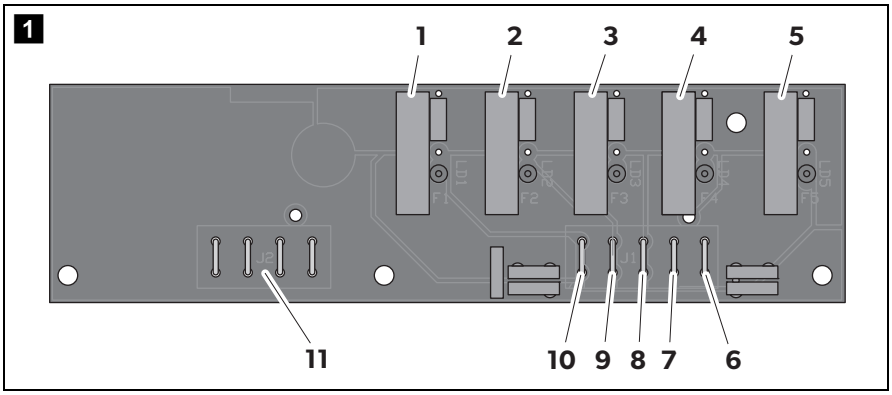
An AC voltage of 230 V is applied to the switched-mode power supply for power supply (chapter “Connecting the switching power supply” on page 182).

The switched-mode power supply can be switched in three ways:

- via a CI bus
- via an external 12 V switching voltage
- via the power supply (continuous operation as long as voltage is applied)

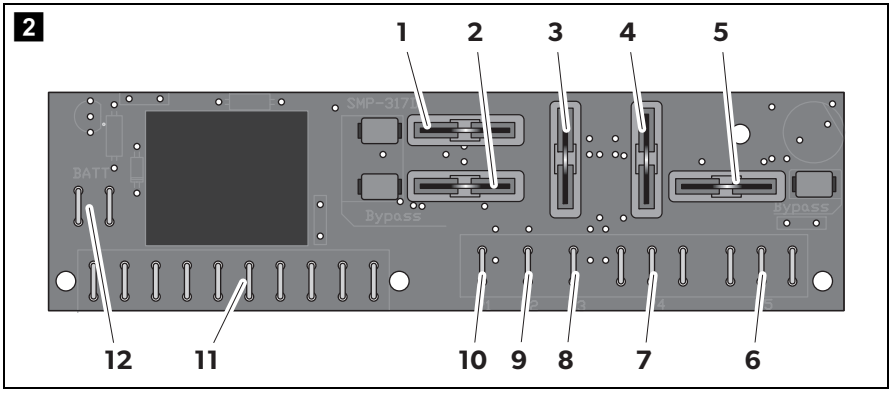
5.1 Connections and displays

SMP 301-02



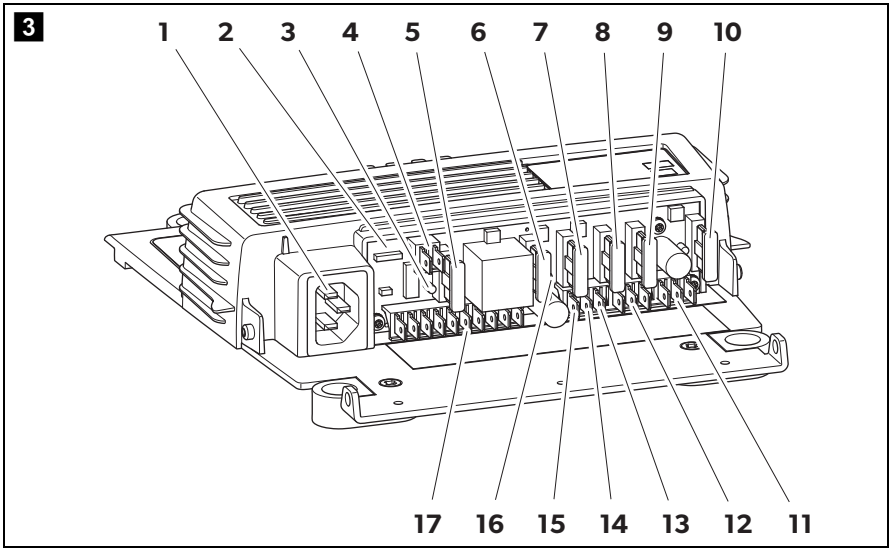
Item in fig. 1	Element
1	Plug-in fuse F1 for output group 1 (maximum 15 A)
2	Plug-in fuse F2 for output group 2 (maximum 15 A)
3	Plug-in fuse F3 for output group 3 (maximum 15 A)
4	Plug-in fuse F4 for output group 4 (maximum 15 A)
5	Plug-in fuse F5 for output group 5 (maximum 15 A)
6	Flat plug P5 6.3 mm for group 5
7	Flat plug P4 6.3 mm for group 4
8	Flat plug P3 6.3 mm for group 3
9	Flat plug P2 6.3 mm for group 2
10	Flat plug P1 6.3 mm for group 1
11	4x flat plug P7 6.3 mm common earth connection

SMP 301-03



Item in fig. 2	Element
1	Plug-in fuse F1 for output group 1 (maximum 10 A)
2	Plug-in fuse F2 for output group 2 (maximum 10 A)
3	Plug-in fuse F3 for output group 3 (maximum 5 A)
4	Plug-in fuse F4 for output group 4 (maximum 5 A)
5	Plug-in fuse F5 for output group 5 (maximum 10 A)
6	3x flat plug P5 6.3 mm for group 5
7	3x flat plug P4 6.3 mm for group 4
8	Flat plug P3 6.3 mm for group 3
9	Flat plug P2 6.3 mm for group 2
10	Flat plug P1 6.3 mm for group 1
11	10x flat plug P7 6.3 mm battery connection / common earth connection
12	2x flat plug P6 for positive terminal battery

SMP 301-07



Item in fig. 3	Element
1	AC plug
2	LED LD6B "battery charging status"
3	LED LD6 "battery fuse defective"
4	2x flat plug P6 for positive terminal battery
5	Battery fuse F6 (20 A type ATO)
6	Plug-in fuse F1 for output group 1 (maximum 15 A)
7	Plug-in fuse F2 for output group 2 (maximum 15 A)
8	Plug-in fuse F3 for output group 3 (maximum 15 A)
9	Plug-in fuse F4 for output group 4 (maximum 15 A)
10	Plug-in fuse F5 for output group 5 (maximum 15 A)
11	3x flat plug P5 6.3 mm for group 5
12	3x flat plug P4 6.3 mm for group 4
13	Flat plug P3 6.3 mm for group 3
14	Flat plug P2 6.3 mm for group 2

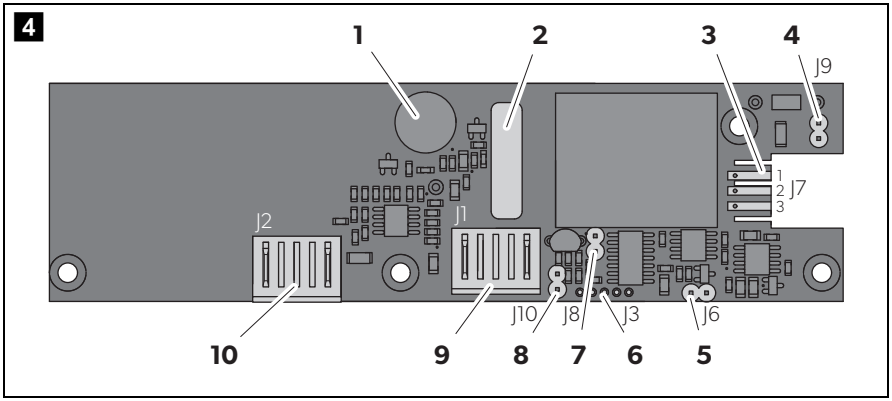
Item in fig. 3	Element
15	Flat plug P1 6.3 mm for group 1
16	5x LED “plug-in fuse F1 – F5 defective” (LD1 – LD5)
17	10x flat plug P7 6.3 mm battery connection / common earth connection



The LED LD6B indicates the battery charging status as follows:

- Main charge (12.7 V):
  flashes yellow slowly (1 second on, 1 second off)
- Equalizing charge (approx. 14.4 V):
  flashes yellow quickly (0.5 seconds on, 0.5 seconds off)
- Charging process complete:
  lights up yellow
- Fault:
  flashes yellow very quickly

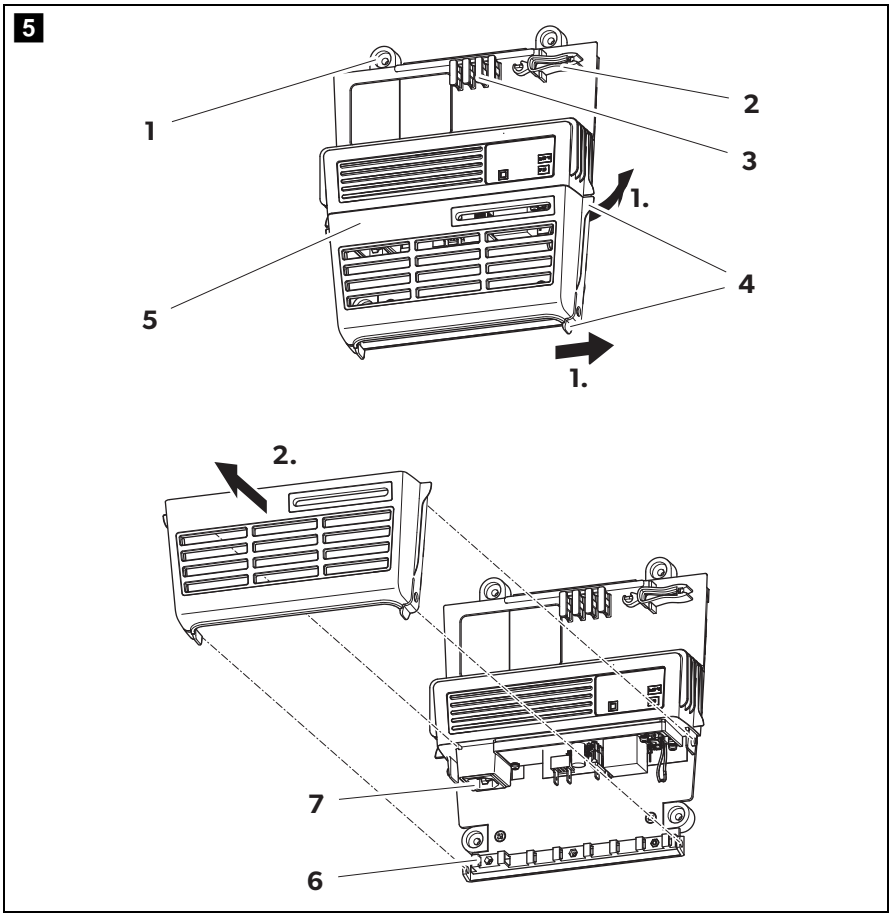
SMP 301-11



Item in fig. 4	Element
1	LED – indicates defective fuse
2	Plug-in fuse for the output (maximum 30 A)
3	Jumper 7 (J7) – CI bus connection
4	Jumper 9 (J9) – deactivates CI bus (if J10 is free)
5	Jumper 6 (J6) – deactivates J9 and J10; activates the output as soon as voltage is applied (continuous operation)
6	Jumper 3 (J3) (use by service personnel only)
7	Jumper 8 (J8) (use by service personnel only)
8	Jumper 10 (J10) – activates CI bus (if J9 is free)
9	Flat connector output (positive pole)
10	Flat connector output (negative pole)

6 Installing switched-mode power supply (SMP 301-11 only)

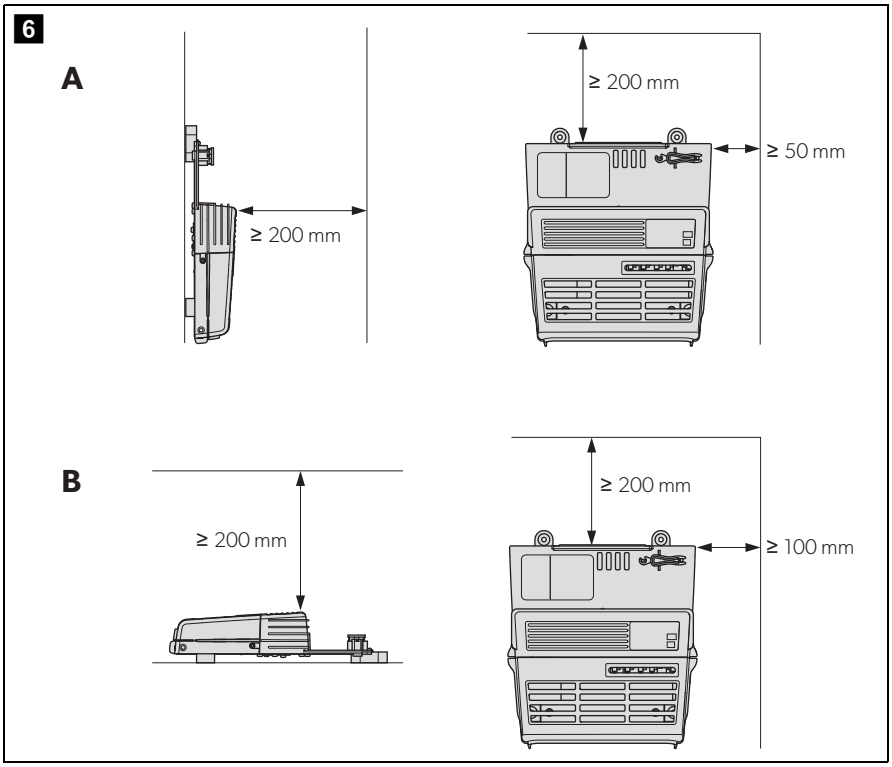
Device overview



Item in fig. 5	Element
1	Fastening holes
2	Fuse lifter
3	Holders for 4 spare fuses

Item in fig. 5	Element
4	Tabs for loosening the cover
5	Cover of the connection compartment
6	Cable strain reliefs
7	AC power supply

6.1 Fastening the switching power supply



When selecting the installation location, pay attention to the following instructions:

- The switching power supply must be installed vertically on a wall (maximum ambient temperature 50 °C) or horizontally on the ground or on a pedestal (maximum ambient temperature 40 °C and maximum load 75%).
- The optimum installation position is vertically on a wall.



- The switched-mode power supply must be installed in a location that is protected from moisture.
- The switched-mode power supply must not be installed in areas with easily flammable materials (e.g. gas cylinder lockers).
- The switched-mode power supply must not be installed in a dusty environment.
- The place of installation must be well ventilated. A ventilation system must be available when the device is installed in small, enclosed spaces. Please observe the minimum clearance around the power supply unit (fig. **6** , page 181).
- Ensure that the ventilation openings are not covered.
- When ambient temperatures are higher than those stated above (such as in engine or heating compartments, or when exposed to direct sunlight), the heat produced by the switching power supply when under load can lead to automatic shutdown.
- The device must be installed on a level and sufficiently sturdy surface.

NOTICE!
Before drilling holes, ensureEnsure that no electrical cables or other parts of the vehicle can be damaged by drilling, sawing and filing.

Fasten the switching power supply as follows:

➤ Screw one screw through each of the four fastening holes (fig. **5** 1 , page 180).

6.2 Connecting the switching power supply

1. Press the two tabs (fig. **5** 4, page 180) in the direction indicated by the arrows and lift the cover off (fig. **5** 5, page 180).
2. Connect the positive terminal of the consumer units to one of the flat plugs (any pin) (fig. **4** 9, page 179).
3. Connect the negative terminal of the consumer units to one of the flat plugs (any pin) (fig. **4** 10, page 179).
4. Connect the AC connection cable to the AC plug (fig. **5** 7, page 180).
5. Secure all cables with the strain relief clamps (fig. **5** 6, page 180).

6.3 Connecting a CI bus or external switch

If you want to use the CI bus or an external switch for switching the floor heating, proceed as follows:

➤ Connect the CI bus or switch cable to the CI bus connector (fig. **4** 3, page 179).

CI bus connection assignment (jumper 7)

The CI bus connector (fig. 4 3, page 179) has 3 connector pins which are assigned as follows:

Item	Allocation
1 Top	GNDI (isolated ground) (external control).
2 Center	CI bus data
3 Bottom	12-V switching voltage (external control)



6.4 Set switching mode



NOTE
Ensure that jumpers 9 (fig. 4 4, page 179) and 10 (fig. 4 8, page 179) are not set at the same time. If both jumpers are set, the two switching options via the CI bus and via the external 12-V switching voltage are blocked.

1. Disconnect the switching power supply from the power supply.
2. Press the two tabs (fig. 5 4, page 180) in the direction indicated by the arrows and lift the cover off (fig. 5 5, page 180).

Switching via CI bus

1. Ensure that jumpers 6 (fig. 4 5, page 179) and jumper 9 (fig. 4 4, page 179) are not set.
2. Set jumper 10 (fig. 4 8, page 179) .
3. The switched-mode power supply can now be controlled via the CI bus.

Switching via external 12-V switching voltage

1. Ensure that jumpers 6 (fig. 4 5, page 179) and jumper 10 (fig. 4 8, page 179) are not set.
2. Set jumper 9 (fig. 4 4, page 179) .

✓ The switched-mode power supply can now be controlled via an external 12V switching voltage

Switching via the power supply

NOTE
Setting jumper 6 (fig. 4 5, page 179) overrides the settings of jumpers 9 (fig. 4 4, page 179) and 10 (fig. 4 8, page 179).

➤ Set jumper 6 (fig. 4 5, page 179) .

✓ The switched-mode power supply provides the 24 V output voltage as soon as it is supplied with mains voltage.

7 Using the switched-mode power supply

SMP 301-02, SMP 301-03, SMP 301-07

The switching power supply switches on as soon as an external power supply is available.

Only replace a plug-in fuse which has blown (1–5 in fig. 1 , page 175 to fig. 2 , page 176 and 6–10, fig. 3 , page 177) with a plug-in fuse of same type.

Please contact the manufacturer's branch in your country (see the back of the instruction manual for the addresses) or your retailer if the function cannot be restored by switching on the fuses or replacing the plug-in fuse.

SMP301-11

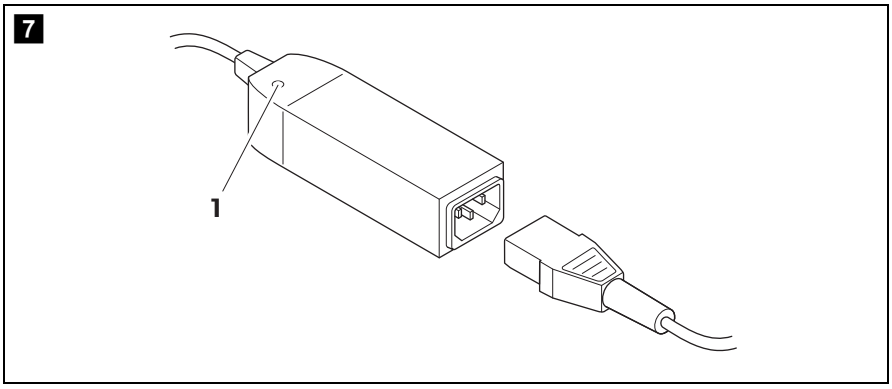
The switched-mode power supply switches on as soon as AC voltage is applied.

Only replace a plug-in fuse which has blown (fig. 4 2, page 179) with a plug-in fuse of equivalent quality.

If the plug-in fuse is tripped again, please contact the manufacturer's branch in your country (see the back of the instruction manual for the addresses) or your retailer.

7.1 Using the surge protector (optional)

The optional surge protector (item number 9106505815) is connected on the supply side of the switching power supply. The surge protector disconnects the power supply line if the input voltage exceeds approx. 270 V.



1. Check whether the red LED (fig. 7 1) lights up.

✓ If the red LED lights up, this indicates that a voltage surge has occurred.

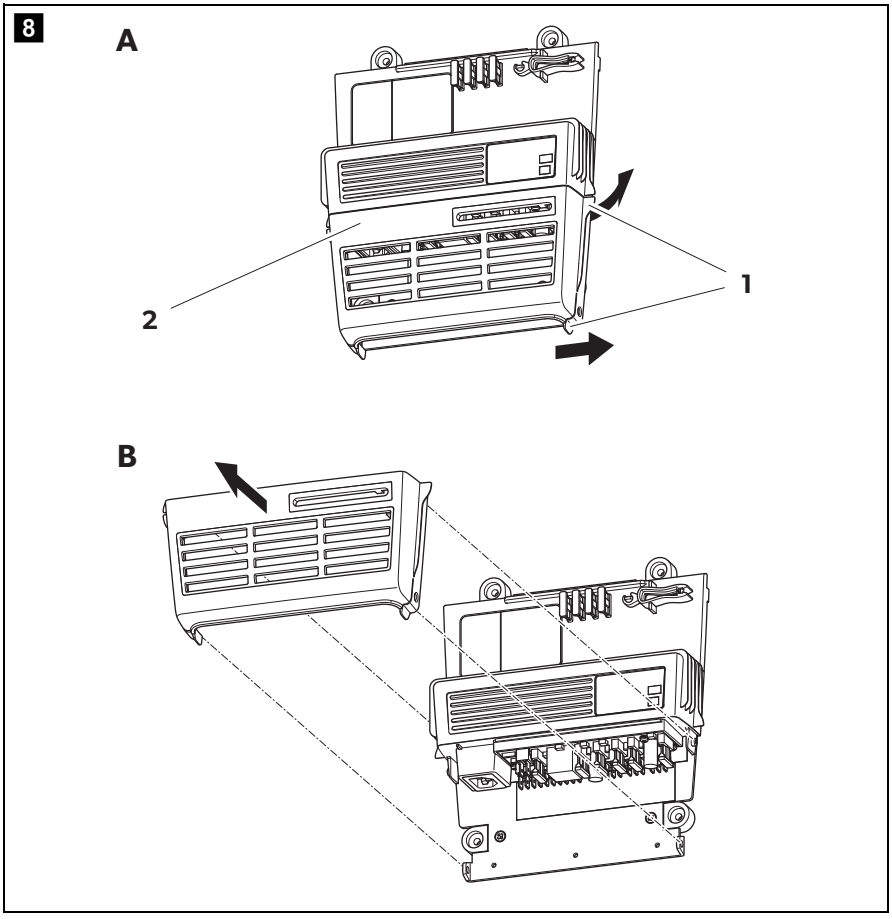
2. Wait 20 to 30 minutes.

✓ The surge protector resets itself automatically as soon as the voltage returns to a permissible value. Once the voltage has reached a permissible value, the red LED remains lit up for 20 to 30 minutes.

7.2 Replacing the plug-in fuses

NOTE
The positioning of the plug-in fuses is used to configure manufacturer-specific functions.
When replacing a plug-in fuse, take care to fit the replacement in the same place. Malfunctions may occur otherwise.

SMP 301-02, SMP 301-03, SMP 301-07



1. Disconnect all consumer units from the switching power supply.
2. Disconnect the switching power supply from the power supply.
3. Press the two tabs (fig. **8** 1) in the direction indicated by the arrows and lift the cover off (fig. **8** 2).
4. Only replace plug-in fuses that have blown with new plug-in fuses of the type "ATO Type – LITTLEFUSE" and the same rating.
5. Re-attach the cover to the switching power supply.
6. Put the switching power supply back into operation.

7. If the plug-in fuse is tripped again, please contact the manufacturer's branch in your country (see the back of the instruction manual for the addresses) or your retailer.

SMP 301-11

Use the fuse lifter (fig. **5** 2, page 180) to remove and insert the plug-in fuses more easily.

1. Disconnect the switching power supply from the power supply.
2. Press the two tabs (fig. **5** 4, page 180) in the direction indicated by the arrows and lift the cover off (fig. **5** 5, page 180).
3. Only replace plug-in fuses that have blown with new plug-in fuses of the type "ATO Type – LITTLEFUSE" and of the same rating.
4. Re-attach the cover to the switching power supply.
5. Put the switching power supply back into operation.
6. If the plug-in fuse is tripped again, please contact the manufacturer's branch in your country (see the back of the instruction manual for the addresses) or your retailer.

8 Maintaining and cleaning the power supply unit

NOTICE!
Do not use any sharp or hard objects for cleaning since they may damage the device.

1. Disconnect the switching power supply from the power supply.
2. Clean the switching power supply using a cloth as required.

9 Troubleshooting



SMP 301-02, SMP 301-03, SMP 301-07

Fault	Cause	Repair
12 V outputs are not being supplied in mains operation.	The plug-in fuse of the associated 12 V output (e.g. fig. **1** 1, page 175) is defective. The red LED next to the plug-in fuse lights up.	➤ Replace it with a plug-in fuse of equivalent quality.
	The switching power supply has switched off as a result of the surge protector. The red LED (fig. **4** 1, page 179) lights up.	The surge protector resets itself automatically as soon as the voltage returns to a permissible value. If this is not the case, contact a specialist electrician.
12 V outputs are not being supplied in battery operation.	The plug-in fuse of the associated 12 V output (e.g. fig. **1** 1, page 175) is defective. The red LED next to the plug-in fuse lights up.	➤ Replace it with a plug-in fuse of equivalent quality.
	The battery has been connected incorrectly.	➤ Connect the battery correctly. Contact an electrician, if necessary.

SMP 301-11

Fault	Cause	Repair
Output is not supplied.	The plug-in fuse of the output is defective. The red LED (fig. **4** 1, page 179) lights up.	➤ Replace the plug-in fuse with an equivalent plug-in fuse.
	The switching power supply has switched off as a result of the surge protector. The red LED (fig. **4** 1, page 179) lights up.	The surge protector resets itself automatically as soon as the voltage returns to a permissible value. Otherwise, contact service agent.
	The switched-mode power supply is operated via the CI bus and the output is deactivated.	➤ Switch on the switched-mode power supply via the connected operating unit or change the switching mode (chapter "Set switching mode" on page 183).
	The switched-mode power supply is operated via an external switching voltage and the output is deactivated.	

Please contact the manufacturer's branch in your country (see the back of the instruction manual for the addresses) or your retailer if the function cannot be restored by switching on the fuses or replacing the plug-in fuse.

10 Disposal



- ➤ Place the packaging material in the appropriate recycling waste bins wherever possible.
- ➤ Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.



11 Warranty

The statutory warranty period 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.

12 Technical data

	SMP 301-02	**SMP 301-03**
Ref. No.	9106504643	9106504717
Design:	without relay	with relay; with external 12 V supply all outputs are live
Rated input voltage:	230 V~ 12 V⎓	
Constant output power:	350 W	
Output voltage:	12.7 V⎓	

Amperage:	27 A
Environmental temperature:	–10 °C to +40 °C
Housing:	Protection class 20
Dimensions (L x W x H):	240 x 207 x 56 mm
Weight:	1 kg
Inspection/ certification:	

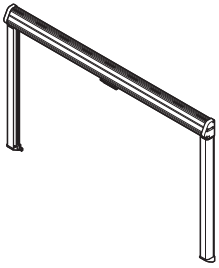
	SMP 301-07
Ref. No.	9106505556
Design:	with battery charger
Rated input voltage:	230 V~ 12 V⎓
Constant output power:	350 W
Output voltage:	12.7 V⎓
Amperage:	27 A
Environmental temperature:	–10 °C to +40 °C
Housing:	Protection class IP20
Dimensions (L x W x H):	240 x 207 x 56 mm
Weight:	1 kg
Inspection/ certification:	

	SMP 301-11
Ref. No.	9106504722
Design:	with relay
Rated input voltage:	230 V~ (198 V~ to 264 V~)
Constant output power:	350 W
Output voltage:	24 V⎓
Amperage:	17 A
Environmental temperature:	–10 °C to +40 °C
Protection class:	IP20
Dimensions (L x W x H):	240 x 207 x 56 mm
Weight:	1 kg
Inspection/ certification:	CE, M, VERIFIED EMC SEMKO, Intertek, Intertek GS

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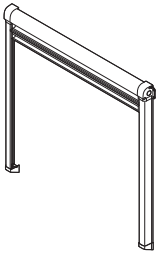
WINDOWS & DOORS
WINDOWS











Windows

C8 hinged window

Cassette roller blind 3000

Mini Heki Style

Midi Heki / Skylight

Roller blind DB3 / Easy-adjust blind

Roller blind DB4

C8 wall window

1 Safety instructions

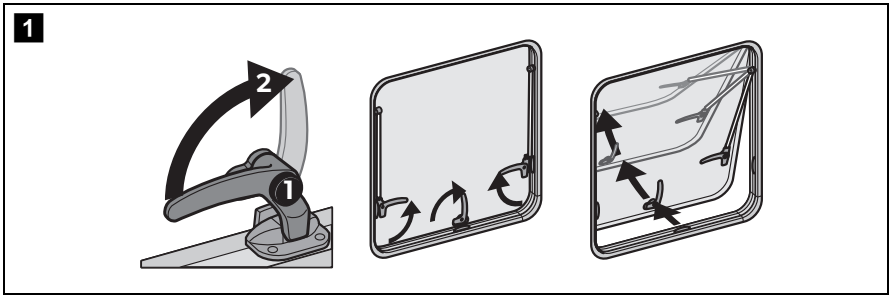
Please note the following:

- If faults or disturbances occur, consult a specialist workshop immediately.
- Before starting your journey, check that the wall window is locked properly.
- Before starting your journey, check the wall window for damage (such as tension cracks in the acrylic glass).
- **Do not** open the wall window during strong wind or rain.
- Close the wall window if it rains or snows.
- **Do not** leave the vehicle with the wall window open.

WARNING!
Keep the wall window closed at all times while driving and while on public roads.

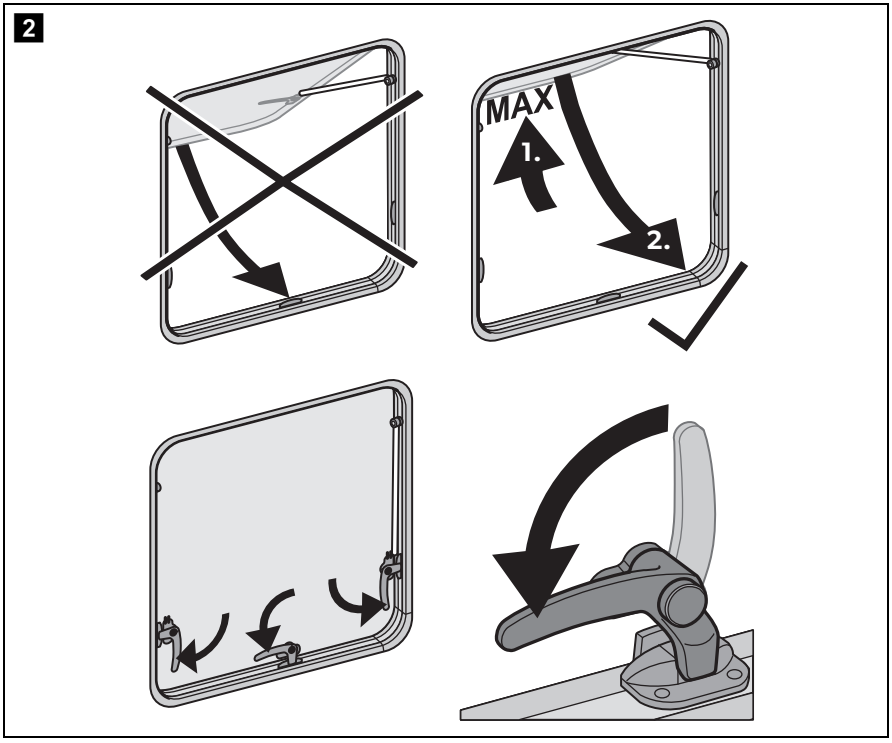
2 Using the wall window

2.1 Opening the wall window



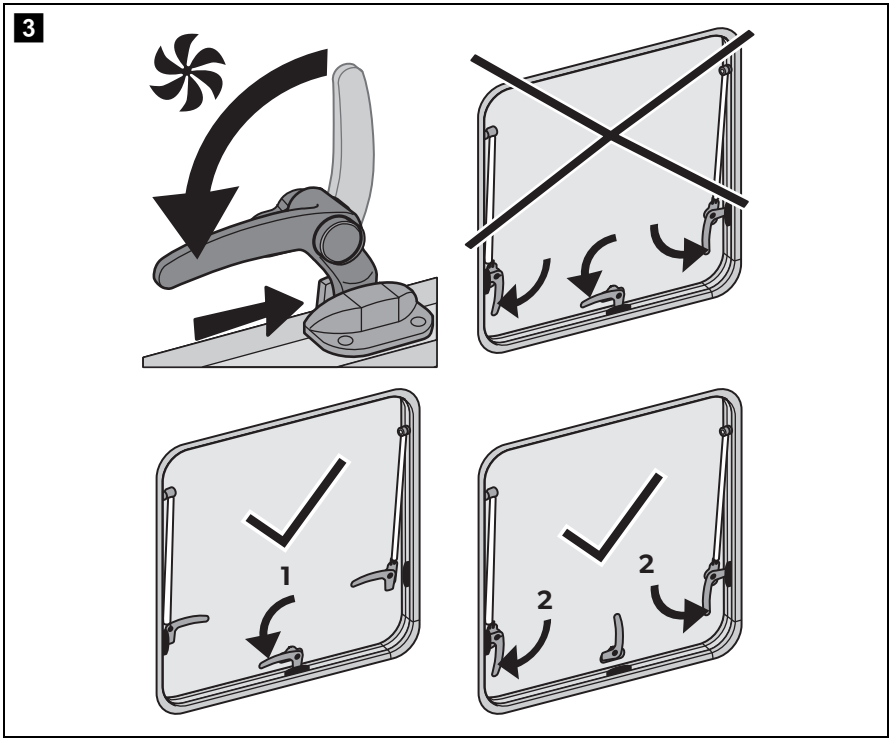
1. Press the locking button (1) and turn all latch handles (2) by 90°.
2. Tilt the window pane outwards to the desired rest position.

2.2 Closing the wall window



1. Open the wall window far enough to release the ratchet.
2. Close the wall window.
3. Turn all the latch handles by 90°.

2.3 Setting continuous ventilation



CAUTION!
Do not lock all latch handles at the same time in the ventilation position, as this can lead to tension cracks due to deformation of the acrylic glass.

➤ Only lock the lower latch handles (1) in the ventilation position. The side latch handles (2) remain open.

OR

➤ Only lock the side latch handles (2) in the ventilation position. The lower latch handles (1) remain open.

3 Maintaining and cleaning the wall window

NOTICE!
Do not use sharp or hard objects for cleaning as these may damage the window glass.
Only use cleaning agents that are approved by the manufacturer: Acrylic glass polish (item no. 9600000128), special polishing cloth (item no.9600000130) and acrylic glass cleaning agent (item no.9600000129).



➤ Put talcum powder on the rubber seal.

4 Disposal

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

➤ Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.

5 Warranty

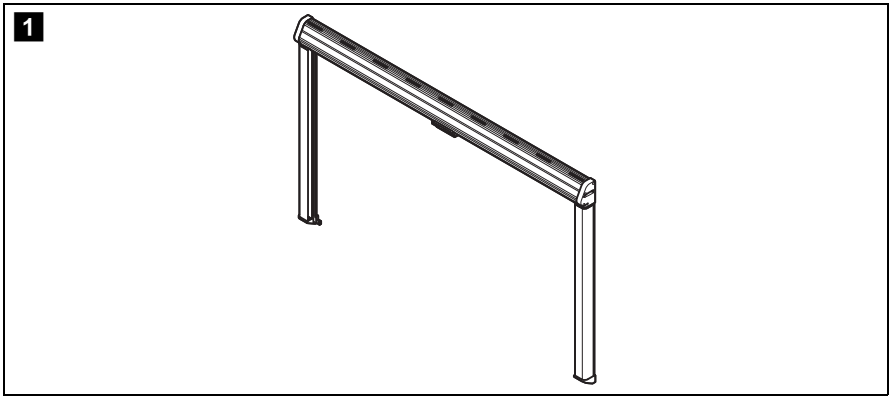
The statutory warranty period applies. If the product is defective, please contact your retailer or the manufacturer's branch in your country (see dometic.com/dealer).

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.

Cassette roller blind 3000



1 Using the blind

1.1 Closing the roller blind

NOTICE! Risk of damage due to a build-up of heat between the roller blind and the window!
In strong sunlight, only close the blackout roller blind two thirds of the way.

NOTE
To close the insect screen blind, you must pull it all the way down and hook it in at the bottom position. The blackout blind can also be locked in the intermediate positions.

1. Pull the handle of the insect screen down and hook it in by pressing it lightly against the wall.
2. Pull the handle of the blackout down and lock it into the required position by pressing it lightly against the wall.

1.2 Opening the roller blind

➤ Pull the handle of the blind down a little and away from the wall, and then guide it slowly up.

2 Cleaning and maintenance

NOTICE! Damage hazard
Do not use sharp or hard objects or cleaning agents for cleaning as these may damage the product.

➤ Occasionally clean the product with a damp cloth.

➤ To prevent material fatigue, do not keep the blind closed for an extended period of time.



3 Disposal

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

➤ Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.

4 Warranty

The statutory warranty period 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.

Mini Heki Style roof light

1 Safety instructions

WARNING! Danger of injury!
Do **not** exceed the maximum allowable driving speed of 160 km/h, because this can damage the roof light. Parts that come loose may injure persons in the vicinity.



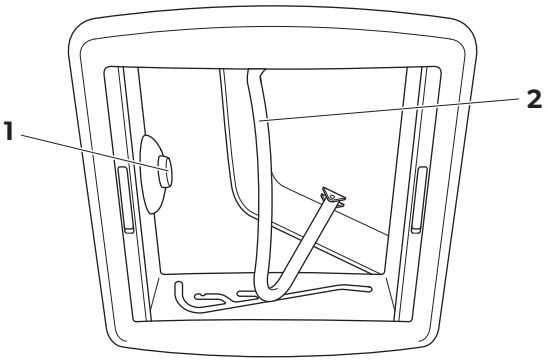
Please note the following:

- If faults or disturbances occur, consult a specialist workshop immediately.
- Risk of breakage! Do not tread on the glass dome.
- Before starting your journey, check that the roof light is locked properly.
- Before starting your journey, check the roof light for damage (such as tension cracks in the acrylic glass).
- Do **not** open the roof light while driving.
- Do **not** open the roof light in strong wind or rain.
- Close the roof light if it rains or snows.
- Do **not** leave the vehicle with the roof light open.
- Keep the roof light free of snow and ice.

2 Using the Mini Heki Style

2.1 Opening and closing the Mini Heki Style

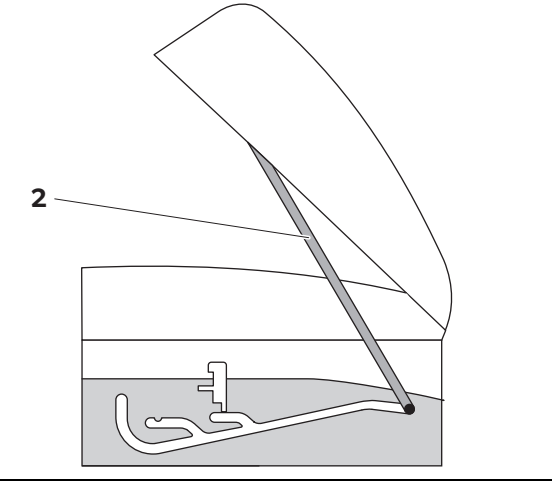
1



➤ Press the release button (**1**), and open the roof hood with the bracket at the same time (**2**).

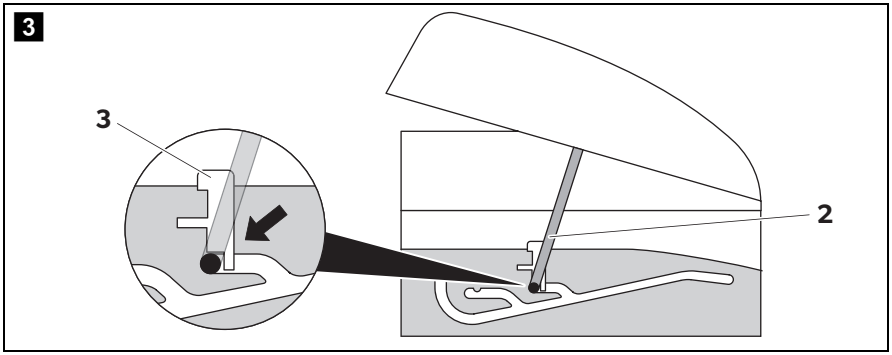
Opening the roof light completely

2



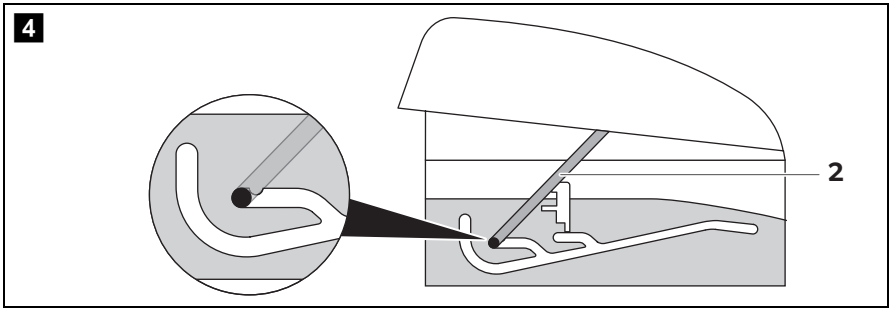
➤ Slide the bracket (**2**) into the position displayed in fig. **2**.

Opening the roof light to the half-way position



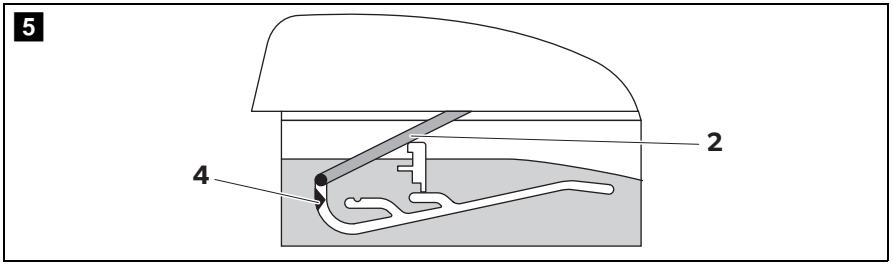
➤ Slide the bracket (**2**) into the position displayed in fig. **3**.
You can push down the sliders (**3**) on the left and right to lock it.

Opening the roof light to the ventilation position



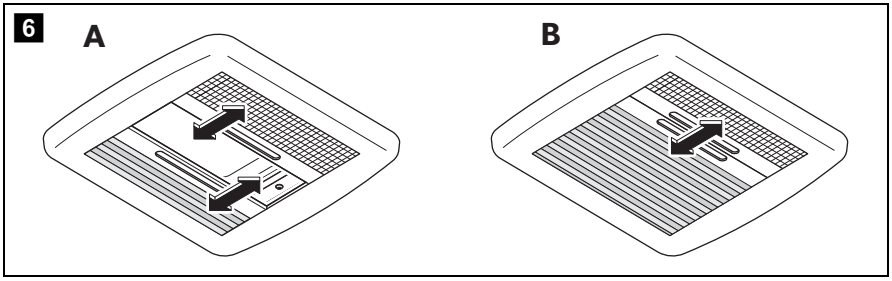
➤ Slide the bracket (**2**) into the position displayed in fig. **4**.

Closing the roof light



1. Slide the bracket (**2**) into the position displayed in fig. **5**.
2. Guide the bracket (**2**) with slight pressure to the left and right via the catches (**4**) so that the roof hood is locked and the bracket (**2**) is on the release button (fig. **1** 1, page 200).

2.2 Opening and closing the roller blinds



NOTICE! Risk of damage due to a build-up of heat between the roller blind and the window
In strong sunlight, only close the blackout blind two thirds of the way.

NOTE
You can adjust the blackout roller blind and the insect screen separately.

➤ Hold the recessed handle of each roller blind and pull it into the required position.

3 Cleaning and maintaining

NOTICE! Damage hazard
Do not use any sharp or hard objects for cleaning since they may damage the acrylic glass.
Only use cleaning agents that are approved by the manufacturer. Acrylic glass polish (ref. no. 9600000128), special polishing cloth (ref. no. 9600000130) and acrylic glass cleaning agent (ref. no. 9600000129).

➤ Clean the roller blind with mild soap and plenty of water.

➤ Put talcum powder on the rubber seal.



4 Disposal

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

➤ Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.

5 Warranty

The statutory warranty period 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.

Midi Heki / Skylight roof light

1 Safety instructions

WARNING! Danger of injury!
Do **not** exceed the maximum allowable driving speed of 160 km/h, because this can damage the roof light. Parts that come loose may injure persons in the vicinity.



Please note the following:

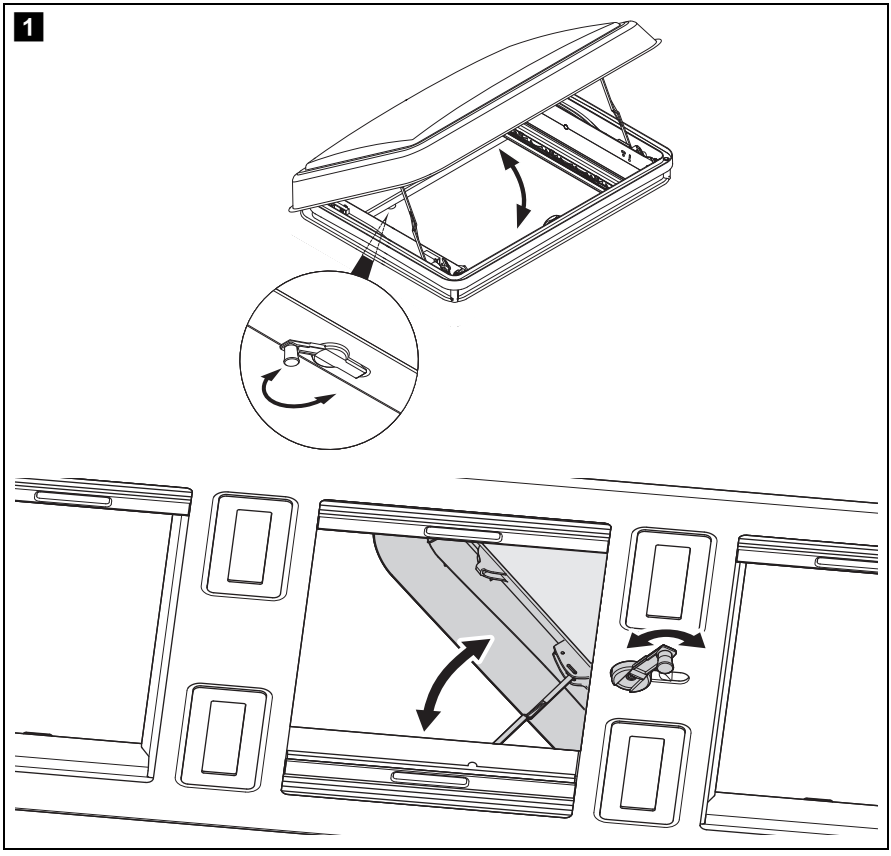
- If faults or disturbances occur, consult a specialist workshop immediately.
- Risk of breakage! Do not tread on the glass dome.
- Before starting your journey, check that the roof light is locked properly.
- Before starting your journey, check the roof light for damage (such as tension cracks in the acrylic glass).
- Do **not** open the roof light while driving.
- Do **not** open the roof light in strong wind or rain.
- Close the roof light if it rains or snows.
- Do **not** leave the vehicle with the roof light open.
- Keep the roof light free of snow and ice.

2 Accessories

Designation	Ref. number
Insect screen for winder and electric version	9104100259

3 Using the Midi Heki / Skylight

Opening and closing the Midi Hedi (fig. 1)



➤ **To open:** Turn the hand crank according to the direction of the arrow on the crank.

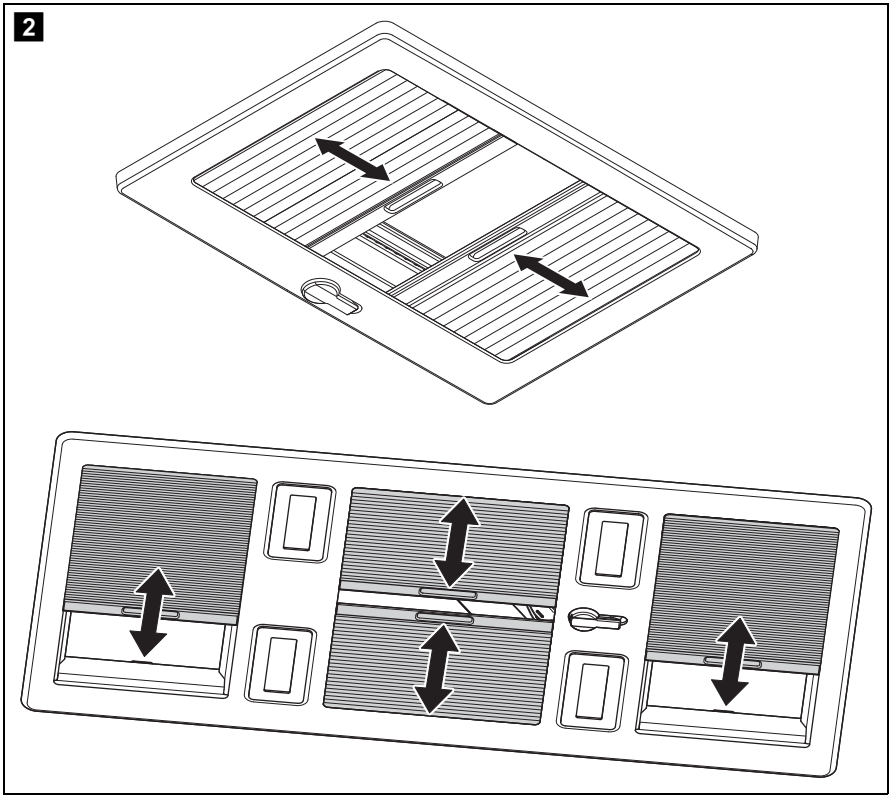
Turn the hand crank until you feel its resistance. The opening angle of the roof light is approx. 60°.

➤ **To close:** Turn the hand crank according to the direction of the arrow on the crank.

Turn the hand crank until you feel its resistance.

➤ Check whether the roof light is locked properly: Try to push up the pane of glass with your hand (without using force).

4 Opening and closing the roller blinds



NOTICE! Risk of damage due to a build-up of heat between the roller blind and the window
In strong sunlight, only close the blackout blind two thirds of the way.

NOTE
You can adjust the blackout roller blind and the insect screen separately.

➤ Hold the recessed handle of each roller blind and pull it into the required position.

5 Troubleshooting

Fault	Possible cause	Suggestion
The roof light does not close completely.	Dirt between the glass and frame	➤ Clean the window. ➤ Remove any leaves and twigs between the glass and frame.
The insect screen or blackout roller blind cannot be moved.	Dirt on the side guides	➤ Clean the side guides.

If you are unable to rectify the fault, get in touch with a specialist workshop.



6 Cleaning and maintaining

NOTICE! Damage hazard
Do not use any sharp or hard objects for cleaning since they may damage the acrylic glass.
Only use cleaning agents that are approved by the manufacturer. Acrylic glass polish (ref. no. 9600000128), special polishing cloth (ref. no. 9600000130) and acrylic glass cleaning agent (ref. no. 9600000129).

➤ Clean the roller blind with mild soap and plenty of water.

➤ Put talcum powder on the rubber seal.

7 Disposal

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

➤ Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.

8 Warranty

The statutory warranty period 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:

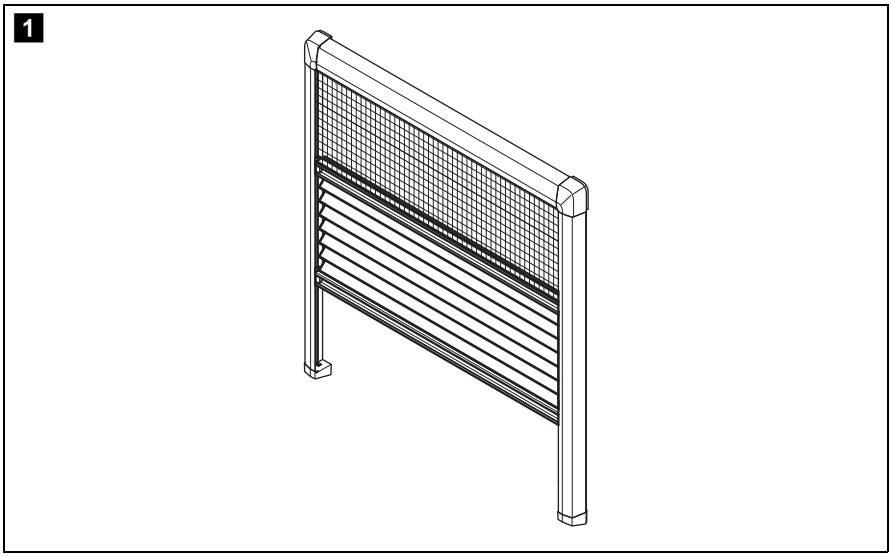
- A copy of the receipt with purchasing date
- A reason for the claim or description of the fault

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



Roller blind DB 3/easy-adjust blind

1 Using the roller blind DB 3



Closing the roller blind

NOTICE! Risk of damage due to a build-up of heat between the roller blind and the window!
In strong sunlight, only close the blackout roller blind two thirds of the way.

➤ Pull the blackout roller blind and the insect screen by the handle strip to the desired position.

✓ When the tension has been set correctly the roller blinds stay in the closed position.

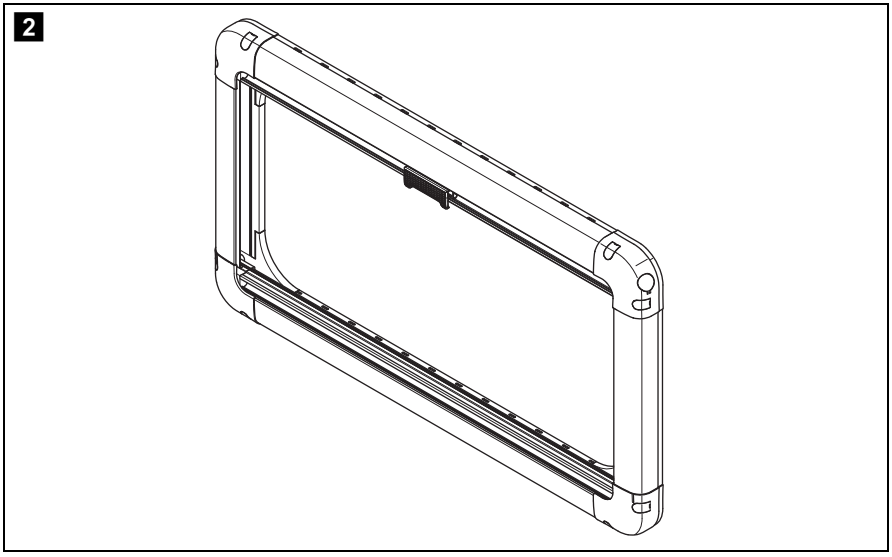
Opening the roller blind

NOTICE! Risk of damage
Never let the blackout roller blind spring back.

➤ Pull the blackout roller blind and the insect screen by the handle strip to the desired, open position.

✓ The handle strips of the roller blinds hold firm in every position.

2 Using the easy-adjust blind



Closing the roller blind

NOTICE! Risk of damage due to a build-up of heat between the roller blind and the window!
In strong sunlight, only close the blackout roller blind two thirds of the way.

The rod of the blackout blind can be infinitely adjusted.

1. Pull the rod of the insect screen downwards until it latches into the connecting rod of the blackout blind.
2. Choose the desired position by moving both of the connected roller blinds at the same time.

Opening the roller blind

1. Move the roller blind so that the blackout blind is closed.
2. Separate the roller blinds by pressing the pivot on the fly screen.

3. Guide the fly screen back.
   Do not let the roller blind spring back.
4. Open the blackout blind.

3 Cleaning and maintenance

NOTICE! Damage hazard
Do not use sharp or hard objects or cleaning agents for cleaning as these may damage the product.



➤ Occasionally clean the product with a damp cloth.

➤ To ensure the rods slide easily on both sides in the guide rails, spray a small amount of silicon spray at regular intervals along the surface of the rails.

➤ To prevent material fatigue, do not keep the blind closed for an extended period of time.

➤ If the vehicle is stationary for a long period of time, pull up the blackout until the individual honeycombs are pulled apart slightly so that the honeycomb system is ventilated on both sides (as a precaution against mold).

4 Disposal

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

➤ Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.

5 Warranty

The statutory warranty period 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.



Roller blind DB4

1 Using the roller blind DB4

The product is suitable for windows in motor homes or caravans. It has an insect screen and a blackout roller blind.

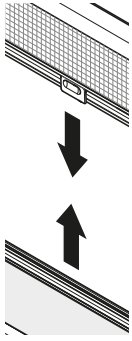
1.1 Closing the roller blind

NOTICE! Risk of damage due to a build-up of heat between the roller blind and the window
In strong sunlight, only close the blackout roller blind two thirds of the way.

1. Pull the blackout roller blind by the handle strip to the desired position.
2. Pull the handle strip of the insect screen directly to the handle strip of the blackout roller blind.
3. Press the handle strips together so that the handle notches into place on the handle strip of the insect screen.

✓ The handle keeps the roller blinds closed.

1



1.2 Opening the roller blind

NOTICE! Risk of damage
Never allow the blackout roller blind to retract in an uncontrolled manner.

1. Press on the handle of the roller blind.

✓ The insect screen roller blind moves to the upper or lower starting position.

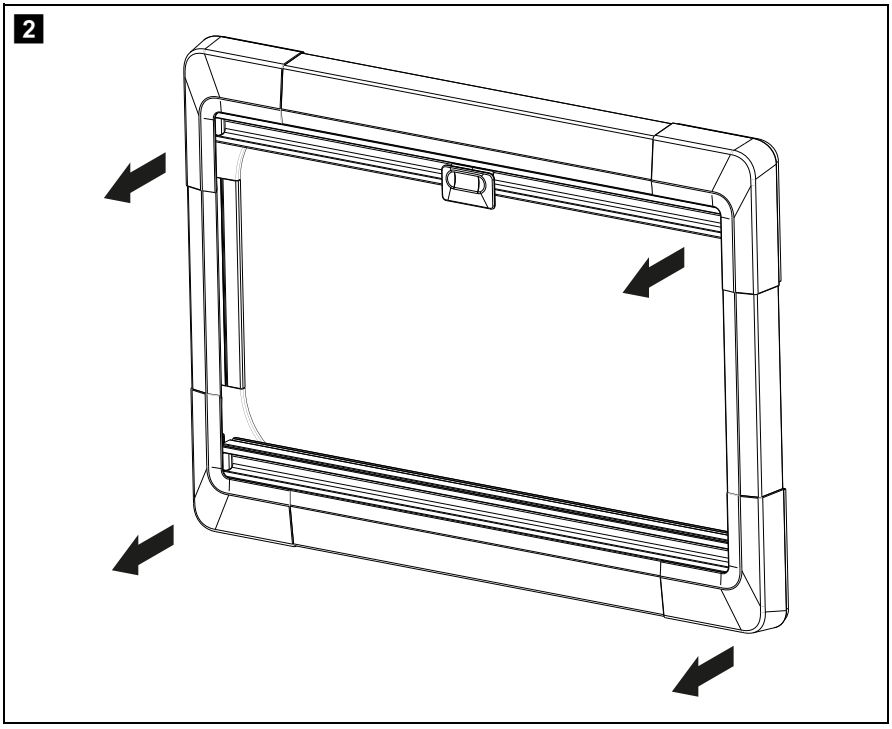
2. Pull the blackout roller blind to the desired position.

1.3 Adjusting the tension of the roller blinds

NOTICE!
Always adjust the tension on the right and left in parallel. Otherwise, damage may be caused to the roller blind in the long term.

➤ First pull off the cover as shown in fig. **2** .

2



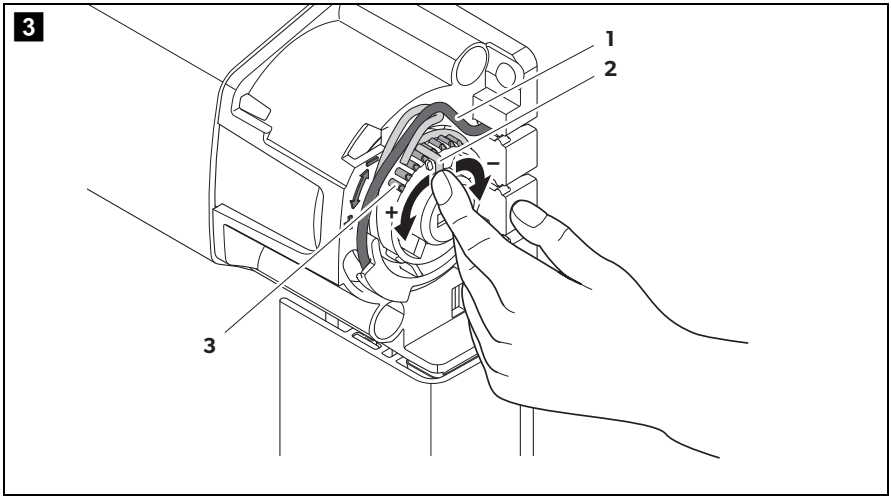
Option A:

The roller blinds are tensioned using two cords (1) with springs (2) that are located on the right and left of the two cassettes.

To slightly increase or decrease the tension of the cord, the central part of the tensioning fitting is rotated making the spring move by hand into another notch (3).

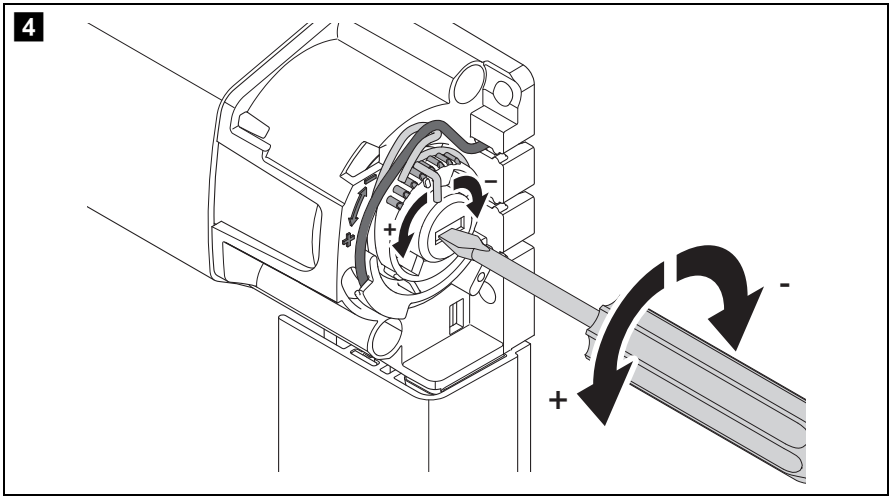
➤ Proceed as shown in fig. **3** .

3



Option B for winding roller blind:

➤ Turn the middle part of the tensioner with a suitable screwdriver to increase or decrease the tension of the roller blind spring.



2 Troubleshooting

The insect screen or blackout roller blind cannot be moved:

1. Check the guide rails for dirt.
2. Clean the guide rails if necessary.

The tension of the roller blind is too low or too high:

➤ Tighten or loosen the cord spring in each corner.

3 Cleaning and maintenance

NOTICE!
Do not use sharp or hard objects or cleaning agents for cleaning as these may damage the product.

➤ Occasionally clean the product with a damp cloth.

➤ To prevent material fatigue, do not keep the blind closed for long periods of time.

➤ When the vehicle is stationary for a longer period of time, extend the blackout roller blind until the individual honeycombs pull apart slightly. In this way, the honeycomb structure is ventilated on both sides and you prevent mold growth.

4 Disposal

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

➤ Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.



5 Warranty

The statutory warranty period 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.

DOMETIC

SAFETY SOLUTIONS ACCESSORIES



FA 25 Smoke alarm

Smoke alarm FA25

1 Safety Instructions

WARNING!

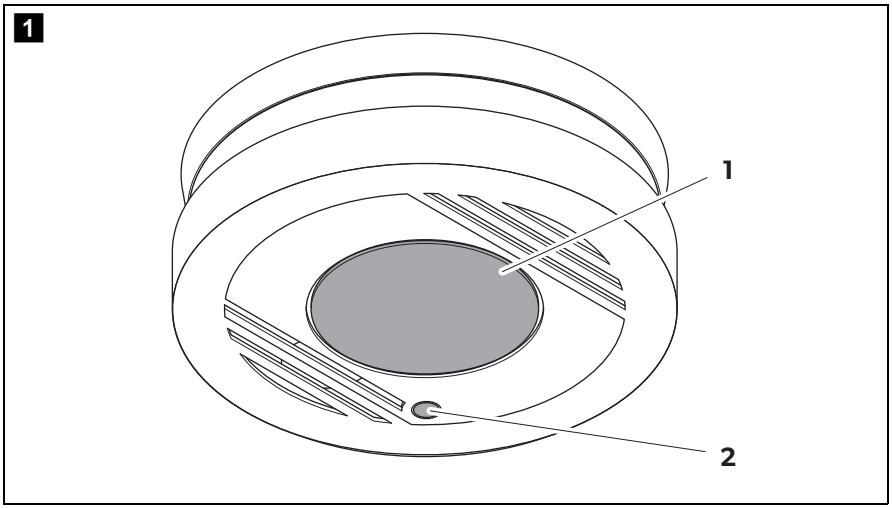
- The smoke alarm is designed to detect smoke at an early stage. A well-placed smoke alarm provides a timely warning of danger. The smoke alarm cannot prevent a fire.
- The smoke alarm is not effective in certain situations, e.g.
  - If you smoke in bed
  - If children are left unsupervised in living areas
  - If flammable liquids (e.g. petrol) are used for cleaning
- The smoke alarm only functions with batteries that have adequate charging capacity. Test the smoke alarm weekly.
- The smoke alarm must not be painted over.
- The housing of the smoke alarm must not be opened, otherwise proper function can no longer be ensured.
- Sunlight heats up the roof and the air in the upper part of the living area. Hot air may prevent the smoke from a smoldering fire reaching the smoke alarm.
- Have a fire extinguisher at the ready.
- If you cook, heat or cool with LPG, an additional gas alarm is recommended.

2 Intended use

The smoke alarm is intended for installation in living areas.

3 Technical description

The photoelectric smoke alarm has a diode inserted in its smoke chamber. This diode emits an infrared beam which passes through the chamber uninterrupted. If there is a sufficient concentration of smoke particles in the chamber, the light beam is broken and dispersed. The broken light beam hits a sensor and triggers the alarm.



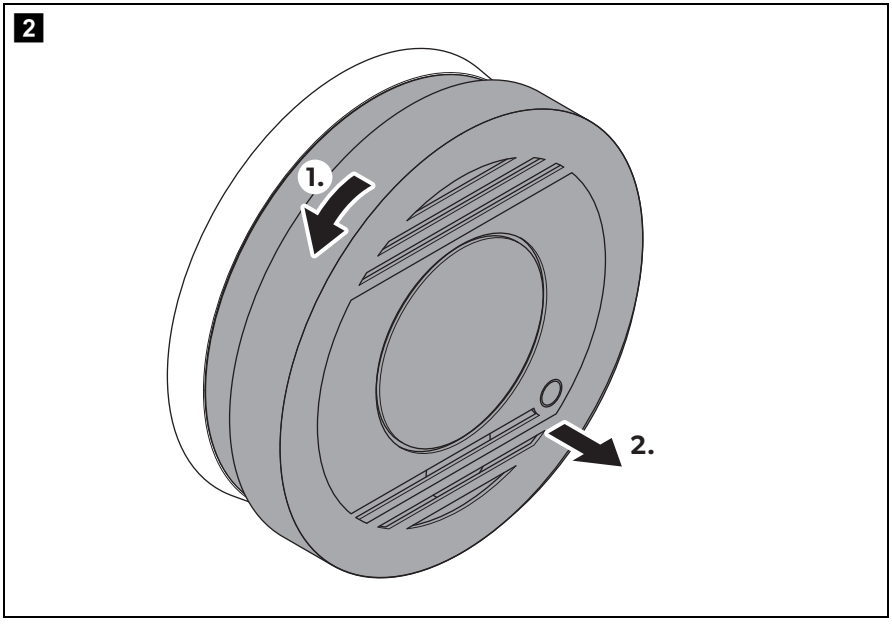
Item in fig. 1	Designation
1	**TEST/HUSH** button
2	LED

4 Using the device

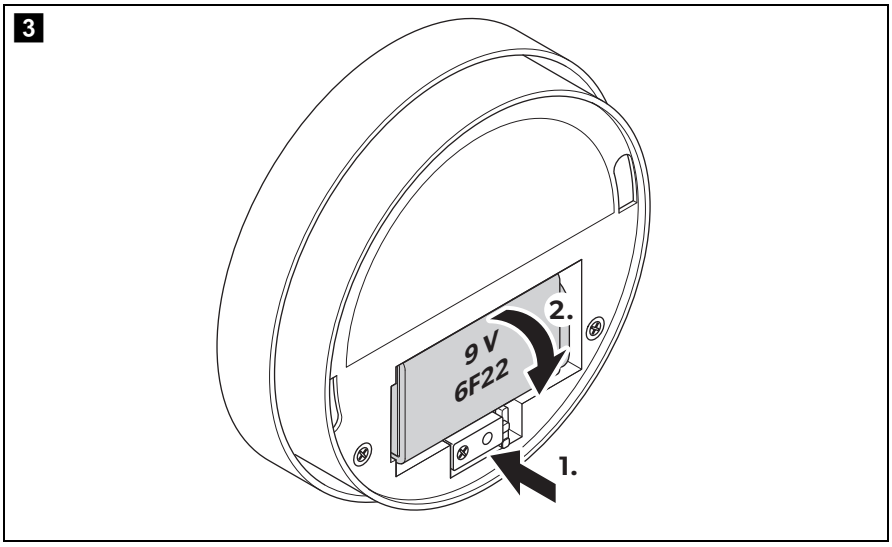
WARNING!
- Familiarize yourself with the sound of the smoke alarm.
- Keep the air vents free.
- Test the smoke alarm weekly (chapter “Testing the smoke alarm” on page 223).
- Replace the smoke alarm every 8 years.

NOTE
- The smoke alarm LED flashes approximately once a minute to signal its operational readiness.
- When the battery power is low, the smoke alarm beeps approximately once a minute.

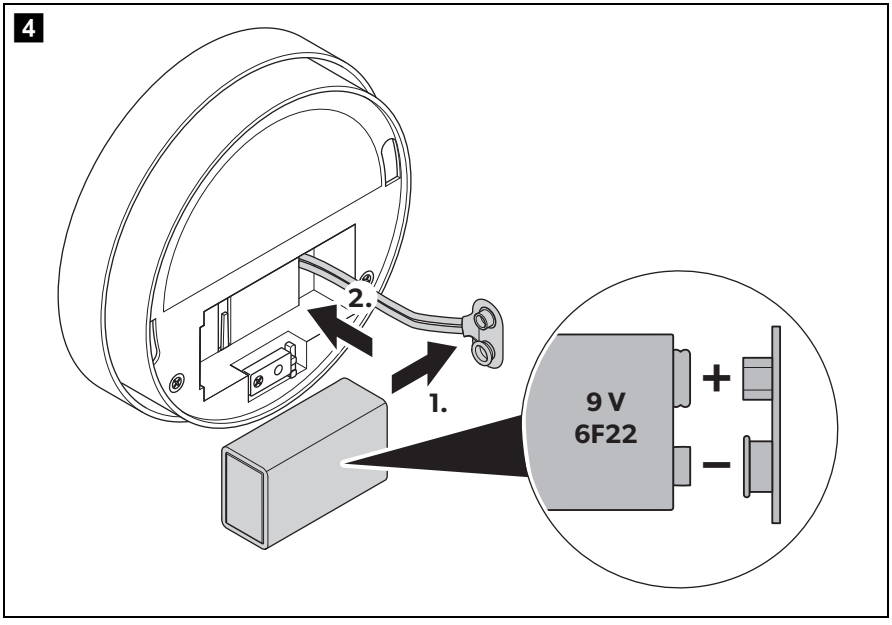
4.1 Replacing the battery



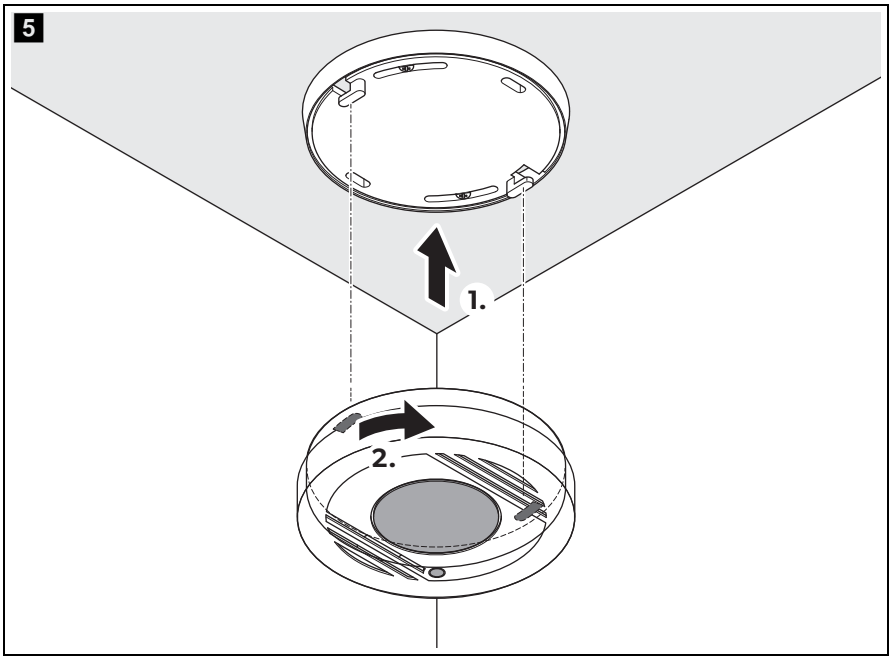
1. Loosen the smoke alarm from the base plate (fig. 2).



2. Remove the old 9 V battery if necessary (fig. **3**).



3. Insert a new 9 V battery (fig. **4**).



4. Reattach the smoke alarm to the base plate (fig. **5**).
5. Perform a functional test (chapter "Testing the smoke alarm" on page 223).

4.2 Testing the smoke alarm

1. Press the **TEST/HUSH** button until the alarm sounds (fig. **1** 1, page 220).

✓ The alarm signal sounds.

2. Release the test button.

✓ The alarm signal stops.

If no alarm signal sounds, proceed as follows:

1. Check the charging capacity of the battery.
2. Replace the battery if necessary (chapter "Replacing the battery" on page 221).

✓ If the alarm does not sound, the smoke alarm must be replaced.

5 Behavior in the event of an alarm

WARNING!
You should always assume that it is **not** a false alarm.

NOTE
Environmental influences can cause a false alarm:
- The smoke from cigarettes does not normally set off the alarm unless the smoke blows directly into the smoke alarm.
- Combustion particles produced by cooking may sometimes set off the alarm.
- If there is a high concentration of smoke particles, the acoustic alarm signal cannot be muted.



If the alarm signal sounds, proceed as follows:

1. Vacate all rooms immediately without delay.

   Do not open any doors without first feeling the surface. If the surface is hot or if you can see smoke coming in under the door, do not open the door.

   Keep down close to the floor if the air is full of smoke. Breathe through a cloth. Dampen the cloth in advance, if possible.
2. Do not reenter the living areas.

If you notice a fire, proceed as follows:

1. Make other people in the vicinity aware of the fire.
2. Call the fire brigade.

If you notice a false alarm, proceed as follows:

1. Press the **TEST/HUSH** button.

✓ The smoke alarm is less sensitive for the next ten minutes.

✓ The acoustic alarm signal is muted for the next ten minutes.

✓ The LED flashes every 10 seconds.

2. Rectify the cause of the false alarm.

After ten minutes the smoke alarm automatically switches back on.

6 Cleaning the device

WARNING!
Ensure that the air vents are free of contamination (e.g. dust or insects).

➤ Wipe the smoke alarm occasionally with a dry cloth.

➤ Use a vacuum cleaner with a brush.

7 Disposal

Recycling products with batteries, rechargeable batteries and light sources



➤ Remove any batteries, rechargeable batteries, and light sources before recycling the product.

➤ Return defective or used batteries to your retailer or dispose of them at collection points.

➤ Do not dispose of any batteries, rechargeable batteries, and light sources with general household waste.

➤ 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.

➤ The product can be disposed free of charge.

8 Warranty

The statutory warranty period 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.

9 Technical data

	FA25
Power supply:	9 V⎓ (battery)
Dimensions:	Ø 100 x 35 mm
Weight:	120 g
Operating temperature:	4 °C – 38 °C
Humidity during operation:	25–85 %
Smoke sensor:	Photoelectric
Alarm volume:	> 85 dB at 3 m
Inspection/ certification:	CE



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4445103712 822610191 2022-05-27

A complete list of Dometic companies, which comprise the Dometic Group, can be found in the public filings of:
DOMETIC GROUP AB Hemvärnsgatan 15 SE-17154 Solna Sweden