

↗ DOMETIC

OPERATING MANUAL

Dometic convenience products for Fendt recreational vehicles



Refrigerator

Stove

Switching power supply

Windows

Smoke alarm

General information

1	Explanation of symbols	9
2	Disclaimer	9
3	Warranty	10
4	Disposal	10

Absorber refrigerator RMD10.5(X)T

1	Safety instructions	12
1.1	General safety	12
1.2	Safe operation	13
1.3	Safety when operating with gas	14
1.4	Safety when operating	15
2	Intended use	16
3	Technical description	16
3.1	Operating and display elements	17
4	Using the refrigerator	18
4.1	Tips for optimal refrigerator operation	19
4.2	Operation at low outdoor temperatures	19
4.3	Operation at high ambient temperatures	20
4.4	Switching on the refrigerator	20
4.5	Switching off the refrigerator	20
4.6	Using the refrigerator	21
4.7	Tank stop mode	22
4.8	Stand-alone gas mode (accessory)	22
4.9	Setting the cooling capacity	23
4.10	Using the refrigerator door/ice compartment door	24
4.11	Notes on storing food	24
4.12	Positioning the shelves	26
4.13	Defrosting the refrigerator	28
4.14	Positioning the refrigerator door in the winter position	30
5	Troubleshooting	31
5.1	Fault messages and signal tones	32
6	Cleaning and maintenance	37
6.1	Cleaning the gas burner	37

6.2	Maintenance	39
7	Disposal	39
8	Technical data	40

Absorber refrigerator RML10.4

1	Safety instructions	41
1.1	General safety	41
1.2	Safe operation	42
1.3	Safety when operating with gas	43
1.4	Safety when operating	44
2	Accessories	45
3	Intended use	46
4	Technical description	46
4.1	Operating and display elements	47
5	Using the refrigerator	49
5.1	Tips for optimal refrigerator operation	49
5.2	Operation at low outdoor temperatures	50
5.3	Switching on the refrigerator	52
5.4	Switching off the refrigerator	52
5.5	Operating the refrigerator (RML10.4T)	53
5.6	Operating the refrigerator (RML10.4 and RML10.4S)	54
5.7	Tank stop mode	54
5.8	Stand-alone gas mode (accessory)	55
5.9	Setting the cooling capacity	56
5.10	Using the refrigerator door/freezer compartment door (RML10.4 and RML10.4T)	56
5.11	Using the refrigerator door (RML10.4S)	57
5.12	Notes on storing food	59
5.13	Positioning the shelves	61
5.14	Removing the freezer compartment	64
5.15	Defrosting the refrigerator	64
5.16	Positioning the refrigerator door in the winter position	66
6	Troubleshooting	67
6.1	Fault messages and signal tones	68
7	Cleaning and maintenance	73

7.1	Cleaning the gas burner	73
7.2	Maintenance	75
8	Disposal	75
9	Technical data	76

Absorber refrigerator RMS10.5XT

1	Safety instructions	77
1.1	General safety	77
1.2	Safe operation	78
1.3	Safety when operating with gas	79
1.4	Safety when operating	80
2	Accessories	81
3	Intended use	82
4	Technical description	82
4.1	Operating and display elements	83
5	Using the refrigerator	85
5.1	Tips for optimal refrigerator operation	85
5.2	Operating in low outdoor temperatures	85
5.3	Switching on the refrigerator	86
5.4	Switching off the refrigerator	86
5.5	Operating the refrigerator	87
5.6	Refueling mode	88
5.7	Stand-alone gas operation (accessory)	88
5.8	Setting the cooling capacity	89
5.9	Fan operation (optional)	90
5.10	Using the refrigerator door	90
5.11	Notes on storing food	91
5.12	Positioning the shelves	92
5.13	Removing the freezer compartment	93
5.14	Defrosting the refrigerator	93
5.15	Positioning the refrigerator door in the winter position	95
5.16	Optional battery packs	96
6	Troubleshooting	97
6.1	Fault messages and signal tones	98
7	Cleaning and maintenance	103

7.1	Cleaning the gas burner	104
7.2	Maintenance	106
8	Disposal	106
9	Technical data	106

LPG stove MO9303, MO9323, MO9722R

1	Safety instructions	109
1.1	General safety	109
1.2	Safety when operating with gas	109
1.3	Operating the device safely	110
2	Scope of delivery	111
3	Intended use	111
4	Technical description	111
4.1	Function	111
4.2	Specifications for the different models	111
4.3	Control elements and design	112
5	Operating the device	114
5.1	Igniting a burner	114
5.2	Switching the device off	115
5.3	Replacing the gas cylinder	115
6	Cleaning the device	116
7	Stove maintenance	116
8	Technical data	117

Power supply unit SMP301-02, SMP301-03, SMP301-07

1	Safety instructions	119
1.1	Operating the product safely	119
1.2	Operating the battery charger safely (only SMP 301-07)	120
2	Scope of delivery	121

3	Intended use	121
4	Technical description	121
4.1	Connections and displays	123
5	Using the power supply unit	126
5.1	Using the surge protector (optional)	127
5.2	Replacing the plug-in fuses	128
6	Maintaining and cleaning the power supply unit	129
7	Troubleshooting	129
8	Technical data	130

C8 wall window

1	Safety instructions	133
2	Using the wall window	133
2.1	Opening the wall window	133
2.2	Closing the wall window	134
2.3	Setting continuous ventilation	135
3	Maintaining and cleaning the wall window	136

Cassette roller blind 3000

1	Using the blind	137
1.1	Closing the blind	137
1.2	Opening the blind	137
2	Cleaning and maintenance	138

Mini Heki Style roof light

1	Safety instructions	139
2	Using the Mini Heki Style	140
2.1	Opening and closing the Mini Heki Style	140
2.2	Opening and closing the roller blinds	142

3	Cleaning and maintaining the Mini Heki Style	143
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Midi Heki / Skylight roof light

1	Safety instructions	144
2	Accessories	144
3	Using the Midi Heki / Skylight	145
4	Opening and closing the roller blinds	146
5	Troubleshooting	147
6	Maintaining and cleaning the Midi Heki / Skylight	147

Roller blind DB3/easy-adjust blind

1	Using the roller blind DB3	148
2	Using the easy-adjust blind	149
3	Cleaning and maintenance	150

Smoke alarm FA25

1	Safety instructions	152
2	Intended use	152
3	Technical description	153
4	Using the device	154
4.1	Replacing the battery	154
4.2	Testing the smoke alarm	156
5	Behavior in the event of an alarm	157
6	Cleaning the device	158
7	Disposal	158
8	Technical data	158

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 dometic.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 Warranty

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

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

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

4 Disposal

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



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.

↗ DOMETIC

REFRIGERATION

10 SERIES



Refrigerator

RMD10.5(X)T

RML10.4

RMS10.5XT



Absorber refrigerator RMD10.5(X)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 device may only be carried out by qualified personnel.
- Do not operate the device if it is visibly damaged.
- If this device's power cable is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person in order to prevent safety hazards.
- This device may only be repaired by qualified personnel. Improper repairs can result in considerable danger or damage to the device.

Fire hazard

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

Explosion hazard

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

Health hazard

- Never open the absorber unit. It is under high pressure and can cause injury if it is opened.
- This device 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 device in a safe way and understand the hazards involved.
- Children shall not play with the device.



- Cleaning and user maintenance shall not be made by children without supervision.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating devices.



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

Risk of crushing

- Do not put your fingers into the hinge.



NOTICE! Damage hazard

- Keep the condensation opening clean at all times.
- The device lighting may only be replaced by customer service.
- Do not use a high-pressure cleaner near the ventilation grill when cleaning the vehicle.
- Attach the winter covers (accessories) of the ventilation grille when the vehicle is cleaned from the outside or not used for a prolonged period of time.
- Do not open the refrigerant circuit under any circumstances.
- The refrigerator is not suitable for storing substances which are caustic or contain solvents.
- The refrigerator may not be exposed to rain.

1.2 Safe operation



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

Risk of injury

- Close and lock the device door before beginning a journey.
- The cooling aggregate at the back of the device becomes very hot during operation. Protect yourself from coming into contact with hot parts when removing ventilation grills.



NOTICE! Damage hazard

- Do not use electrical devices inside the device 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.
- Make sure that foodstuffs do not touch the walls of the cooling area.

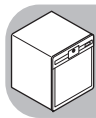
1.3 Safety when operating with gas



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

Explosion hazard

- **Only** operate the device at the pressure shown on the type plate. Only use pressure controllers with a fixed setting which comply with the national regulations.
- While driving only operate the device with gas if the vehicle manufacturer allows the operation of the gas system while driving (see vehicle's manual).
- Check the national requirements for operating the device with gas during driving.
- Never operate the device with gas:
 - At petrol stations
 - In parking garages
 - On ferries
 - While transporting the caravan or mobile home with a transport vehicle or tow truck
- Never use a naked flame to check the device for leaks.
- In case of gas odor:
 - Close the gas supply cock and the valve on the cylinder.
 - Open all windows and leave the room.
 - Do not press an electric switch.
 - Put out any naked flames.
 - Have the gas system checked by a specialist.
- **Never** store liquid gas cylinders in unventilated areas or below ground level (funnel shaped holes in the ground).
- Keep liquid gas cylinders away from direct sunlight. The temperature may not exceed 50 °C.

**NOTICE! Damage hazard**

- Only use propane or butane gas, **not** natural gas (see rating plate).

**NOTE**

- Ignition problems may occur at altitudes above 1000 m. Switch to a different energy source.

1.4 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 device 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 device.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Store raw meat and fish in suitable containers in the device, so that it is not in contact with or can drip onto other food.
- If the device is left empty for long periods:
 - Switch off the device.
 - Defrost the device.
 - Clean and dry the device.
 - Leave the door open to prevent mould developing within the device.

Risk of injury

- The device door or the freezer door can completely detach from the device if used incorrectly. Push the doors closed until you hear a clear click at the top and bottom.
- Do not lean on the open device door.

**NOTICE! Damage hazard**

- If 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.
- Only store heavy objects such as bottles or cans in the device door, in the vegetable compartment or on the bottom shelf.

**NOTE**

- Ask your vehicle manufacturer if the battery management of your vehicle shuts down the devices to protect the battery.
- Put the device door and the freezer door into the winter position if you are not going to use the device 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.

2 Intended use

The device is suitable for:

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

The device is **not** suitable for:

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

3 Technical description

The refrigerator is an absorber refrigerator and is designed for operation

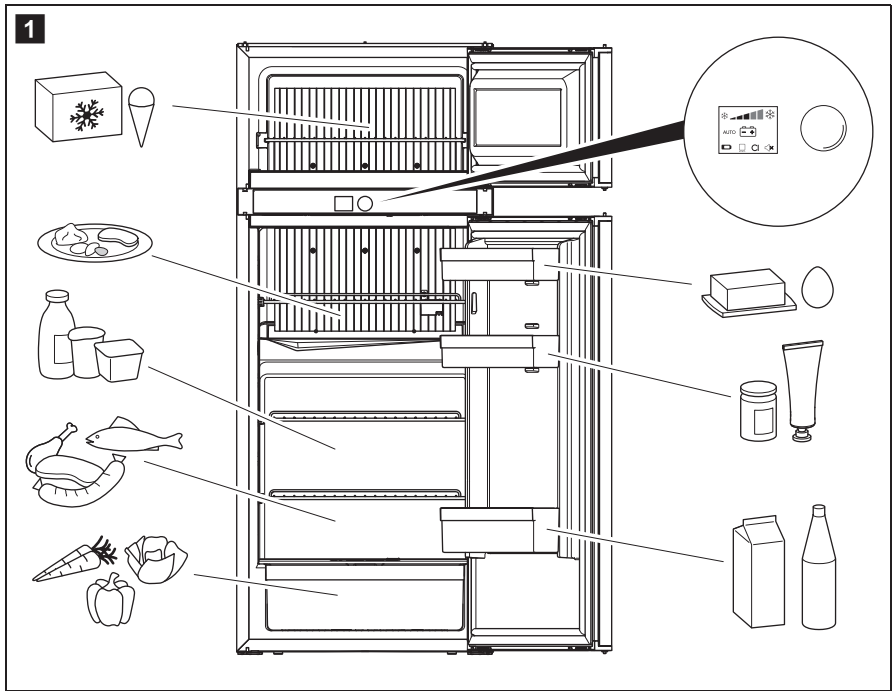
- on a 12 V DC power supply
- on an AC power supply
- with liquefied gas (propane or butane)

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

3.1 Operating and display elements

RMD 10.5T and RMD 10.5XT

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



Symbol	Description
	Cooling capacity indicator
	Operation with AC power
	Operation with DC power
	Operation 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



Symbol	Description
	Battery: Symbol lights up when the battery packs (optional) are fitted 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 an extended 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.

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. 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 affected 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 after start-up.
- 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 Operation at low outdoor temperatures



NOTICE!

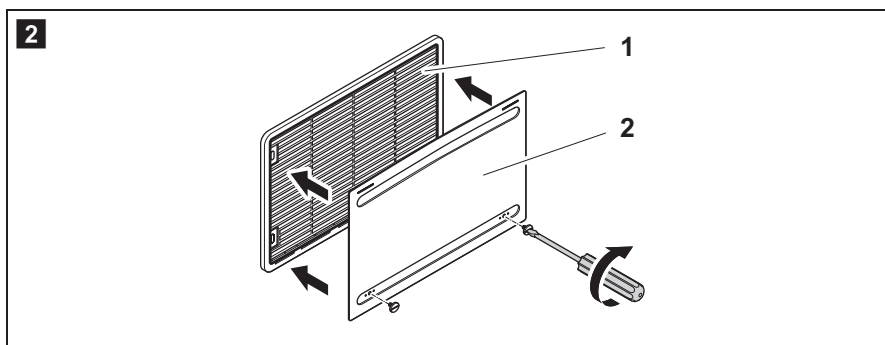
In AC power mode and DC power mode, install **both** winter covers. In gas mode or automatic mode, install the **lower** winter cover only. This prevents heat from building up and ensures the fumes from the refrigerator can dissipate properly.



NOTE

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

- Install the LS 300 winter covers (accessory) as shown (fig. **2**).





4.3 Operation at high ambient temperatures

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

4.4 Switching on the refrigerator

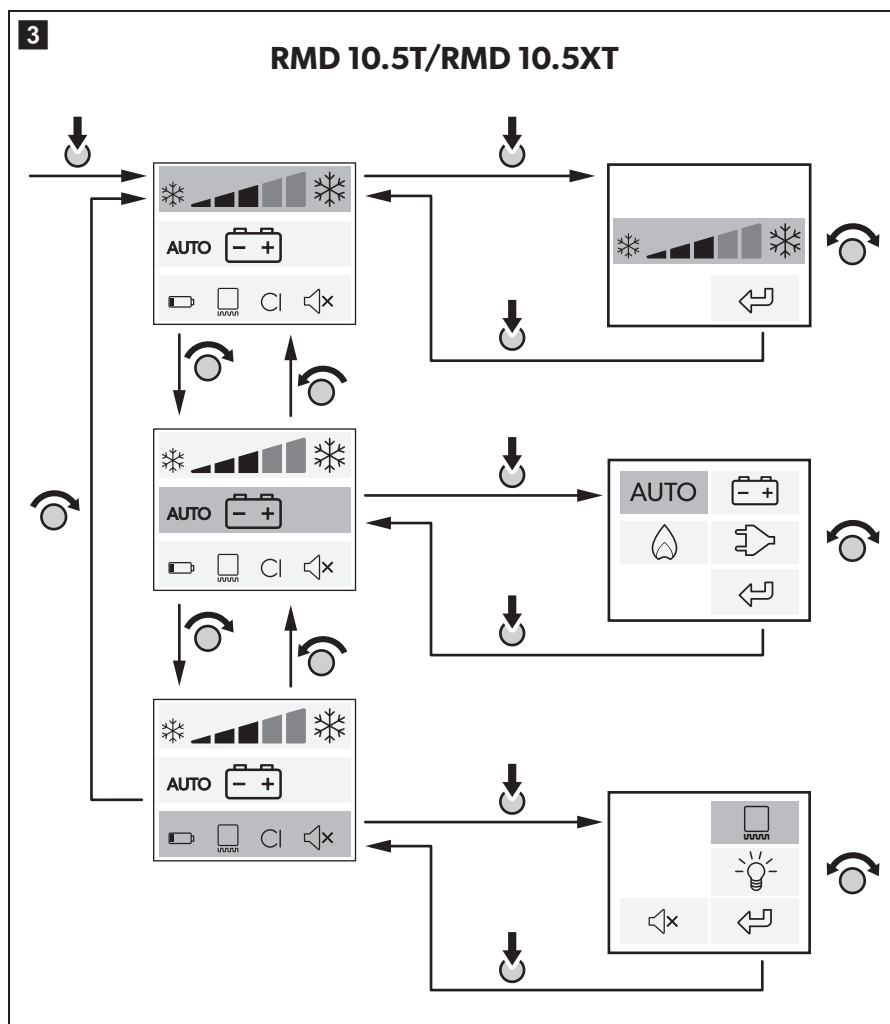
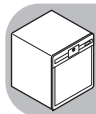
- Press the control button for 2 seconds.
- ✓ The refrigerator starts with the most recent settings.

4.5 Switching off the refrigerator

- Press the control button for 4 seconds.
- ✓ A beep sounds and the refrigerator switches off.

4.6 Using 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	Detail menu
	Cooling capacity menu
	Operating mode menu
	Settings menu

- Turn the control knob to select the desired detail menu.
- Press the control knob to open the selected detail menu.
- 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.
- Confirm the selection using

4.7 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.

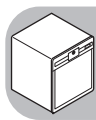
In tank stop mode, the symbol is displayed.

4.8 Stand-alone gas mode (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 makes 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 turns off 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.

4.9 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.



4.10 Using the refrigerator door/ice 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 secured correctly on the opposite side, carefully push on the top and bottom of the door on that side until it is secured in place.

Closing and securing the refrigerator door/freezer compartment door

- Press the door shut until you clearly hear it click at the top and bottom.
- ✓ The door is now closed and secured.

4.11 Notes on storing food



CAUTION! – Health hazard!

- Please check whether the cooling capacity of the refrigerator is suitable for the food you wish 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.
- 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 exposed to a room temperature of below +10 °C for an extended period of time, a uniform temperature cannot be guaranteed in the freezer compartment. 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 17.

Using the VG fresh base



NOTICE!

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

The slider in the VG fresh base can be used to regulate the humidity in the vegetable compartment below it:

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



4.12 Positioning the shelves

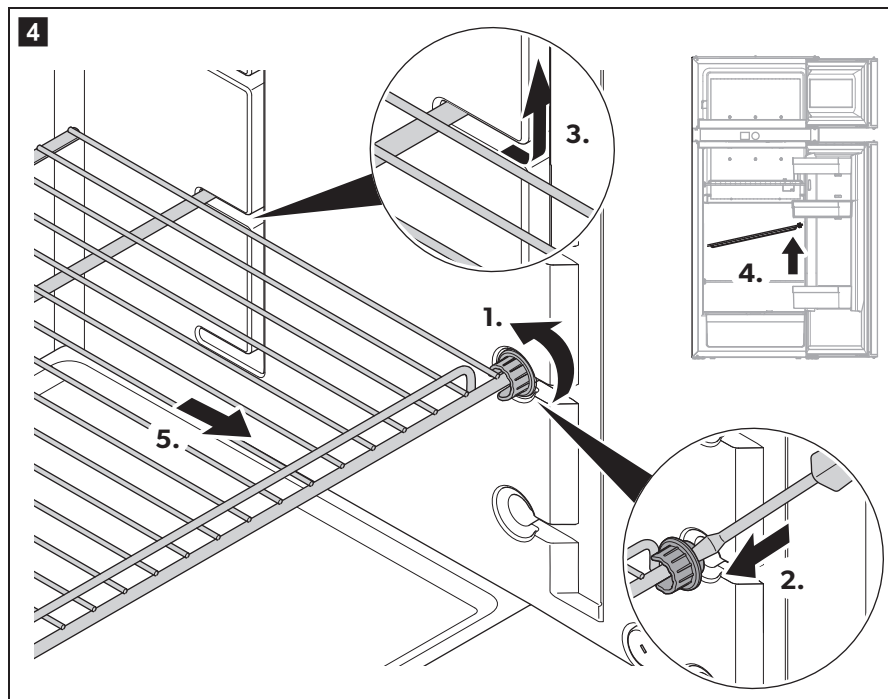


WARNING! Children beware!

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

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

➤ Remove the shelf as shown (fig. **4**, page 26).



➤ Refit the shelf in the reverse order.

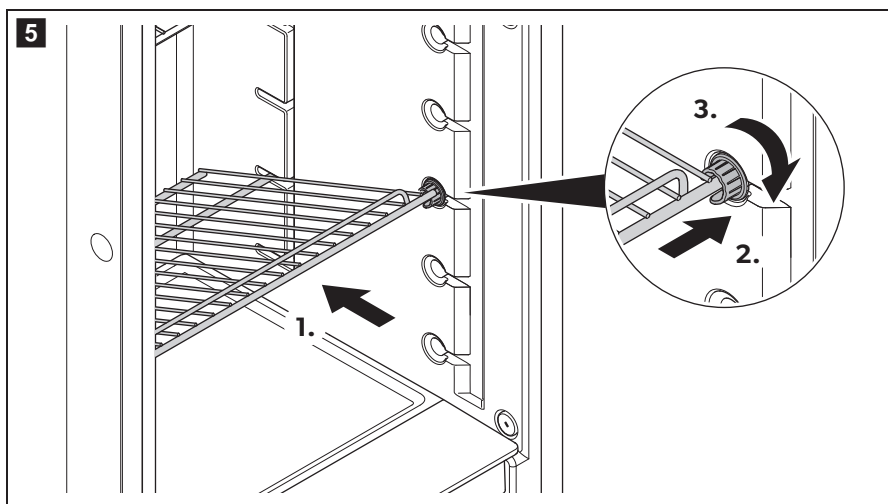
Positioning the shelf at an angle for wine bottles



NOTICE!

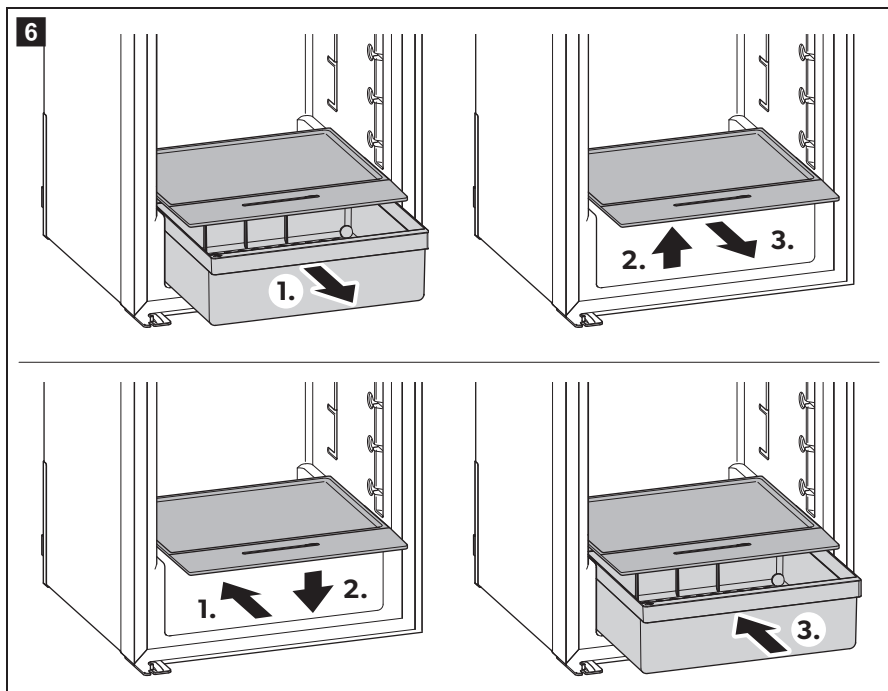
While driving, the shelf in the angled position must **not** be filled.

➤ Change the position of the shelf as shown (fig. **5**, page 27).



Removing and inserting the VG fresh base

► Proceed as shown (fig. **6**).





4.13 Defrosting the refrigerator



NOTICE!

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

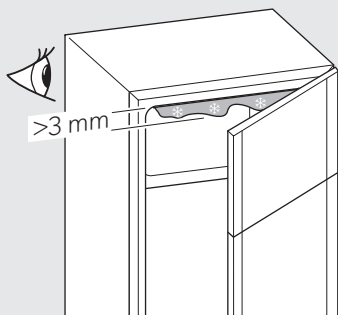
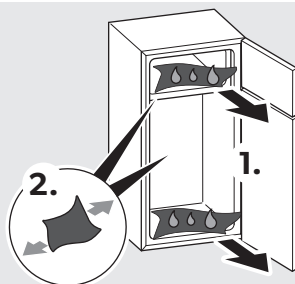
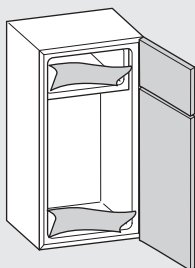
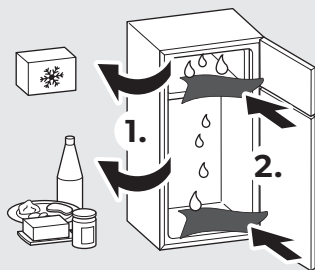
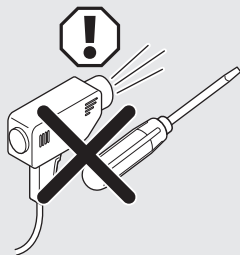


NOTE

Over time, frost builds up on the cooling fins inside the refrigerator. If this layer of frost is about 3 mm thick, you should defrost the refrigerator.

- Proceed as shown (fig. **7**, page 29).

7

**RMD 10.5T/RMD 10.5XT**



4.14 Positioning the refrigerator door in the winter position

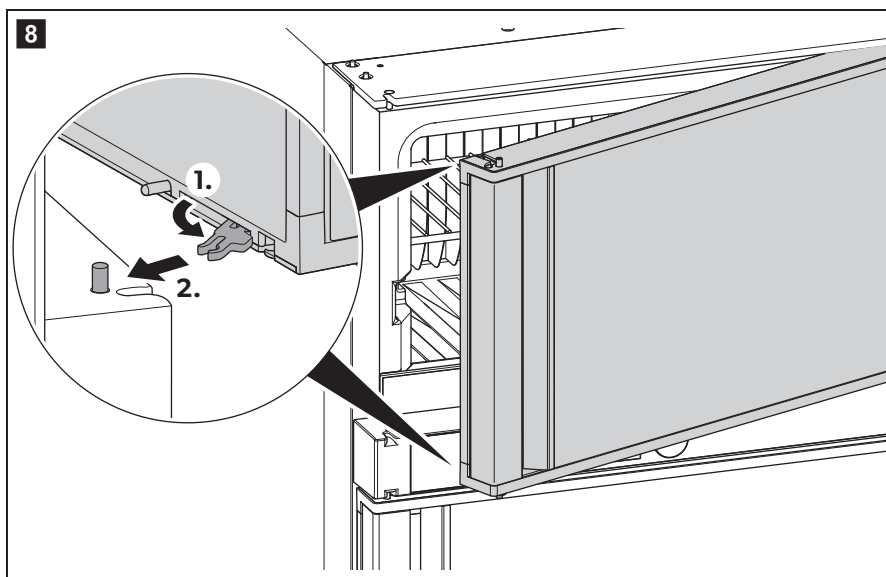


CAUTION!

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 mold from forming.

- Defrost the refrigerator (chapter “Defrosting the refrigerator” on page 28).
- Unscrew the hook near the securing mechanism all the way at the top and bottom of one side of the door (fig. 8).

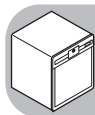


- Press against the refrigerator door.
- ✓ The protruding pin snaps into the hook.

Open the door in winter mode as follows:

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

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	Suggested remedy
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 power supply.
	The AC heating element is defective.	Contact an authorized customer service point.
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 customer service point.
	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 customer service point.
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 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.



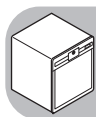
Fault	Possible cause	Suggested remedy
The refrigerator is not cooling adequately.	The ventilation around the cooling unit is not sufficient.	Check that the ventilation grille is not obstructed.
	The evaporator is iced up.	Check whether the refrigerator door closes properly. Make sure that the refrigerator 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 the same time.	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 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. 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 customer service point.
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	The door has been open for more than 2 minutes.	Close the door.

ERROR type fault messages

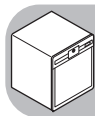
All faults of the ERROR type must be reset manually:

- 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 customer service point.
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 customer service if this error occurs again.

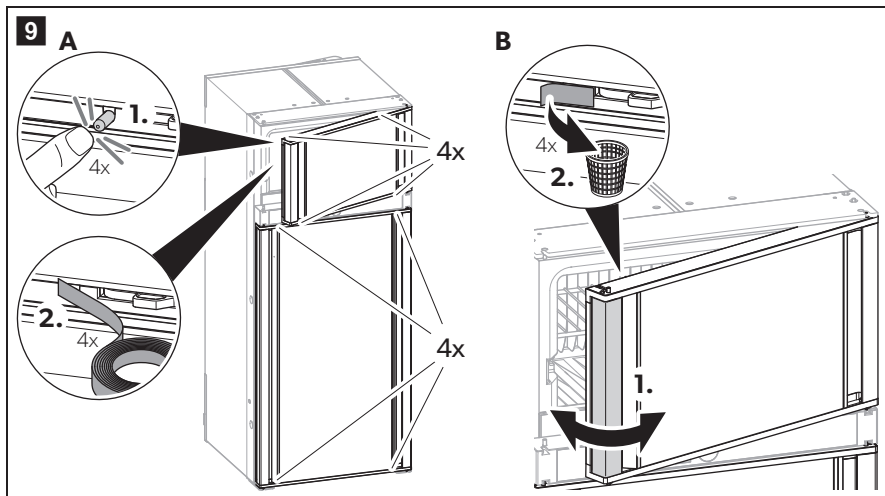


RMD 10.5T, RMD 10.5XT	Fault	Solution
E08	No cooling capacity in AC power mode	Check if the device is at an angle and adjust it so it is level, if necessary. Reset the error. Contact customer service if this error occurs again.
E09	No cooling capacity in DC power mode	Check if the device is at an angle and adjust it so it is level, if necessary. Reset the error. Contact customer service if this error occurs again.
E12	Gas valve test error	Gas operation is not possible. Reset the error. Contact customer service if this error occurs again.
E13	Internal communication error	Gas operation not possible. Reset the error. Contact customer service 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. Replace the gas cylinder. Reset the error.
E51	Gas lock, internal error in the power module	Reset the error. Contact customer service if this error occurs again.
E52	Ground contact, gas valve	Reset the error. Contact customer service if this error occurs again.
E53	Ground contact, ignition electrode	Reset the error. Contact customer service if this error occurs again.

Refrigerator door/ice 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. **9**).





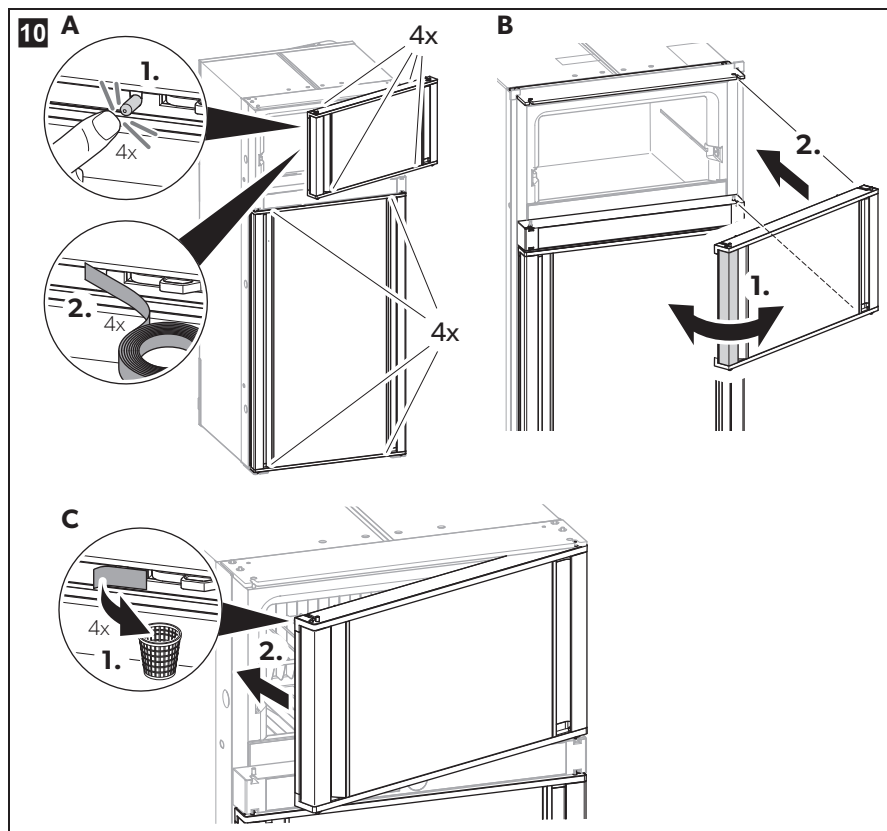
Refrigerator door/ice compartment door has completely detached from the device



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. **10**, page 36).





6 Cleaning and maintenance



WARNING!

Always disconnect the refrigerator from the energy supply before cleaning and servicing 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.
- Make sure 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.
- Make sure that the ventilation grilles in the outer wall of the mobile home 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!

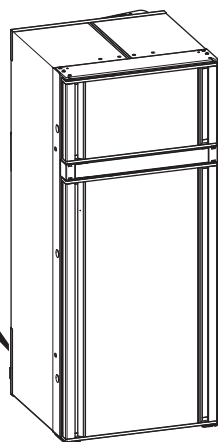
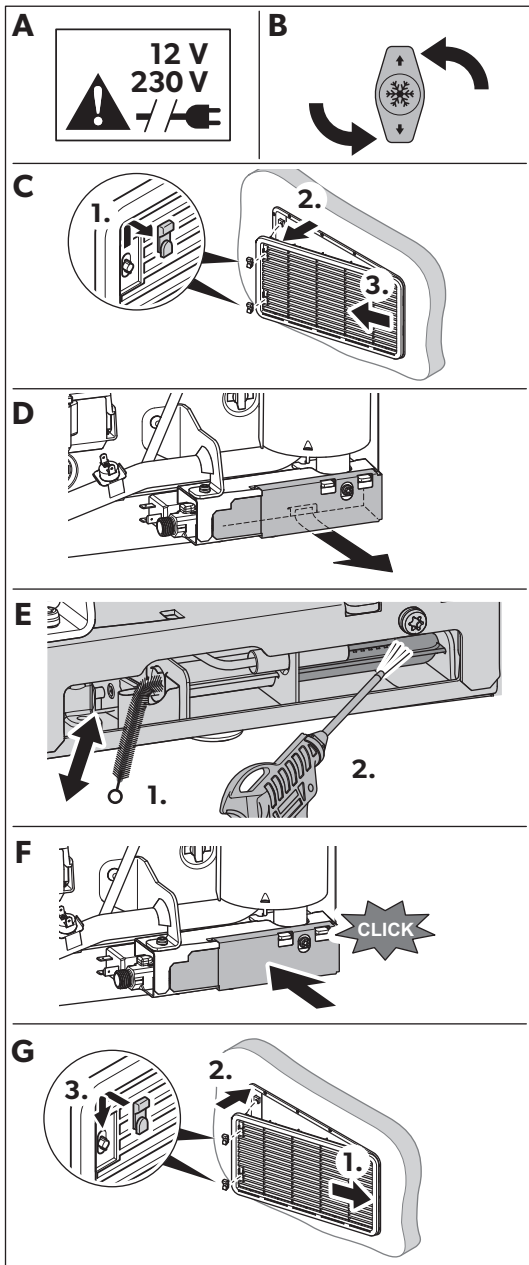
- Allow the burner to cool down before cleaning it.
- Do not modify the gas equipment.



NOTE

- Dirt in the gas burner is indicated by poor ignition or deflagrations.
- The manufacturer also recommends cleaning the burner after it has not been used for an extended 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. **11**, page 38).

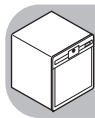
**11**

6.2 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.

7 Disposal



NOTE

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



Protect the environment!

Do not dispose of any batteries with general household waste. Return defective or used batteries to your retailer or dispose of them at collection points.



8 Technical data

	RMD10.5T	RMD10.5XT
Connection voltage:	230 V~ /50 Hz 12 V==	
Contents		
Gross capacity:	153 l	177 l
Refrigerator compartment:	124 l	142 l
Freezer compartment:	29 l	35 l
Total net capacity:	147 l	171 l
Power consumption:	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:	 	

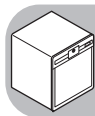
For the current EU Declaration of Conformity for your device, please refer to the respective product page on dometic.com or contact the manufacturer directly (see back page).

Detailed information



dometic.com

Absorber refrigerator RML10.4



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 device may only be carried out by qualified personnel.
- Do not operate the device if it is visibly damaged.
- If this device's power cable is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person in order to prevent safety hazards.
- This device may only be repaired by qualified personnel. Improper repairs can result in considerable danger or damage to the device.

Fire hazard

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

Explosion hazard

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

Health hazard

- Never open the absorber unit. It is under high pressure and can cause injury if it is opened.
- This device 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 device in a safe way and understand the hazards involved.
- Children shall not play with the device.



- Cleaning and user maintenance shall not be made by children without supervision.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating devices.



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

Risk of crushing

- Do not put your fingers into the hinge.



NOTICE! Damage hazard

- Keep the condensation opening clean at all times.
- The device lighting may only be replaced by customer service.
- Do not use a high-pressure cleaner near the ventilation grill when cleaning the vehicle.
- Attach the winter covers (accessories) of the ventilation grille when the vehicle is cleaned from the outside or not used for a prolonged period of time.
- Do not open the refrigerant circuit under any circumstances.
- The refrigerator is not suitable for storing substances which are caustic or contain solvents.
- The refrigerator may not be exposed to rain.

1.2 Safe operation



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

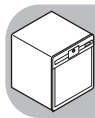
Risk of injury

- Close and lock the device door before beginning a journey.
- The cooling aggregate at the back of the device becomes very hot during operation. Protect yourself from coming into contact with hot parts when removing ventilation grills.



NOTICE! Damage hazard

- Do not use electrical devices inside the device 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.
- Make sure that foodstuffs do not touch the walls of the cooling area.

1.3 Safety when operating with gas



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

Explosion hazard

- **Only** operate the device at the pressure shown on the type plate. Only use pressure controllers with a fixed setting which comply with the national regulations.
- While driving only operate the device with gas if the vehicle manufacturer allows the operation of the gas system while driving (see vehicle's manual).
- Check the national requirements for operating the device with gas during driving.
- Never operate the device with gas:
 - At petrol stations
 - In parking garages
 - On ferries
 - While transporting the caravan or mobile home with a transport vehicle or tow truck
- Never use a naked flame to check the device for leaks.
- In case of gas odor:
 - Close the gas supply cock and the valve on the cylinder.
 - Open all windows and leave the room.
 - Do not press an electric switch.
 - Put out any naked flames.
 - Have the gas system checked by a specialist.
- **Never** store liquid gas cylinders in unventilated areas or below ground level (funnel shaped holes in the ground).
- Keep liquid gas cylinders away from direct sunlight. The temperature may not exceed 50 °C.

**NOTICE! Damage hazard**

- Only use propane or butane gas, **not** natural gas (see rating plate).

**NOTE**

- Ignition problems may occur at altitudes above 1000 m. Switch to a different energy source.

1.4 Safety when operating

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

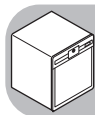
- Make sure that you only put items in the device which may be chilled at the selected temperature.
- Food may only be stored in its original packaging or in suitable containers.
- Opening the door for long periods can cause significant increase of the temperature in the compartments of the device.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Store raw meat and fish in suitable containers in the device, so that it is not in contact with or can drip onto other food.
- If the device is left empty for long periods:
 - Switch off the device.
 - Defrost the device.
 - Clean and dry the device.
 - Leave the door open to prevent mould developing within the device.

Risk of injury

- The device door or the freezer door can completely detach from the device if used incorrectly. Push the doors closed until you hear a clear click at the top and bottom.
- Do not lean on the open device door.

**NOTICE! Damage hazard**

- If 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.
- Only store heavy objects such as bottles or cans in the device door, in the vegetable compartment or on the bottom shelf.

**NOTE**

- Ask your vehicle manufacturer if the battery management of your vehicle shuts down the devices to protect the battery.
- Put the device door and the freezer door into the winter position if you are not going to use the device 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.

2 Accessories

Designation

Winter cover LS 230 for the ventilation grill

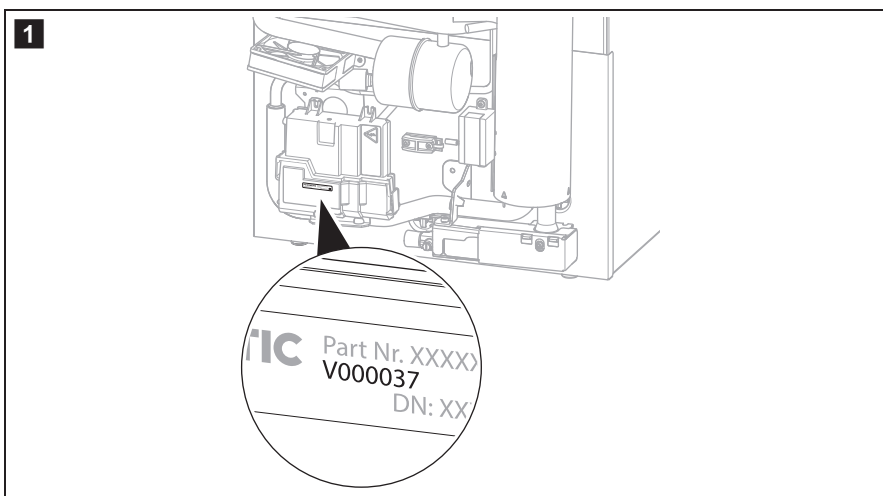
Winter cover LS 330 for the ventilation grill

Optional fan kit REF-FANKIT

Note: The fan kit can only be installed in refrigerators with software version 37 or higher (fig. **1**, page 45).

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 $\equiv$ powerbank





3 Intended use

The device is suitable for:

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

The device is **not** suitable for:

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

4 Technical description

The refrigerator is an absorber refrigerator and is designed for operation

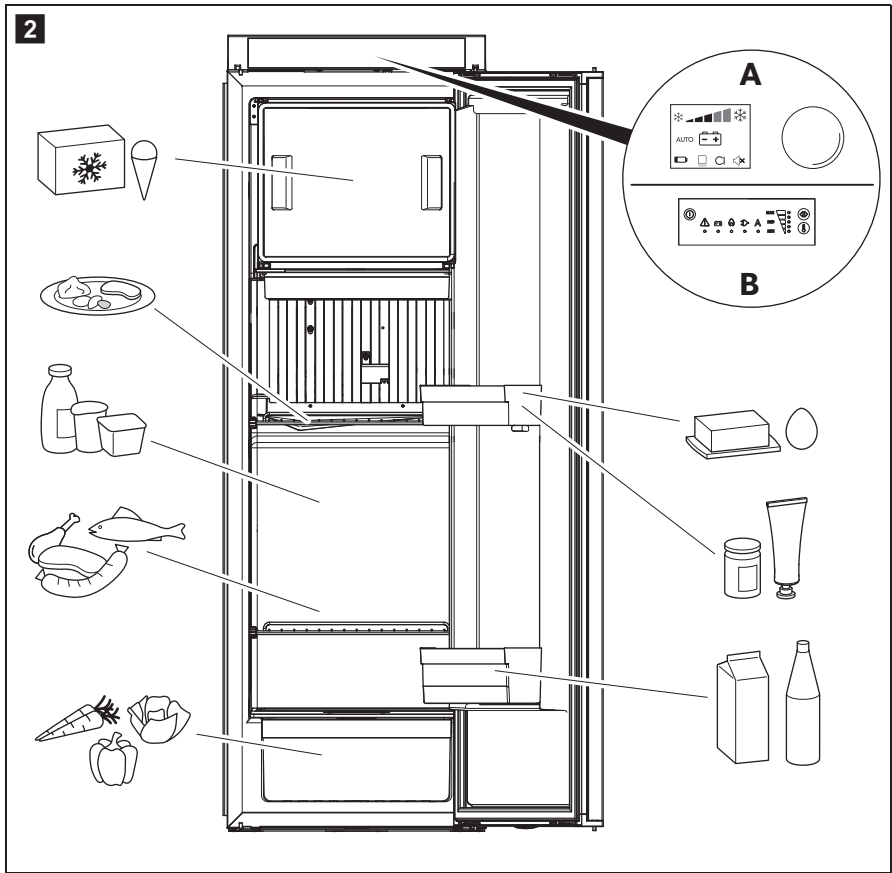
- on a DC power supply (12 V)
- on an AC power supply
- with liquefied gas (propane or butane)

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. 2 A):



Symbol	Description
* ■■■ ■■ *	Cooling capacity indicator



Operation with AC power



Operation with DC power



Operation with gas

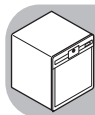


Symbol	Description
AUTO	Automatic mode: In automatic mode, the refrigerator automatically selects the most economical operating mode in the following order of priority:
	Battery: Symbol lights up when the battery packs (optional) are fitted and the device is in stand-alone gas mode.
	Frame heater Symbol 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 an extended 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. **2** B, page 47):

Symbol	Description
	ON/OFF button
	Fault indicator
	Operation with DC power
	Operation with gas
	Operation with AC power



Symbol	Description
A	Automatic mode
	Temperature indicator
	Energy selection button
	Temperature selection button

5 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. 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 affected 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 after start-up.
- 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 Operation at 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.

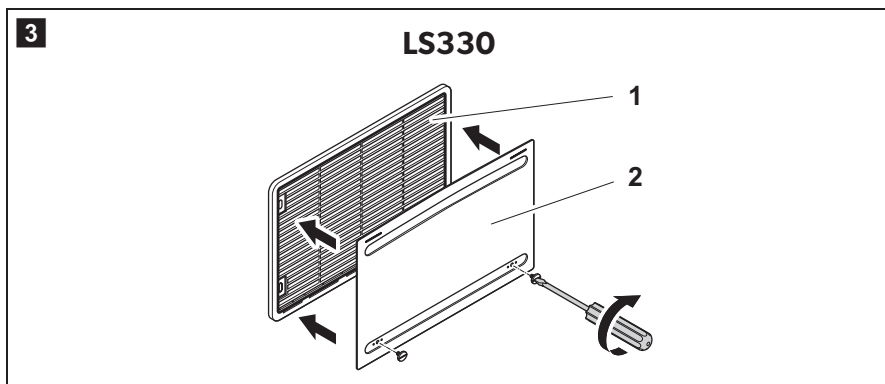


NOTE

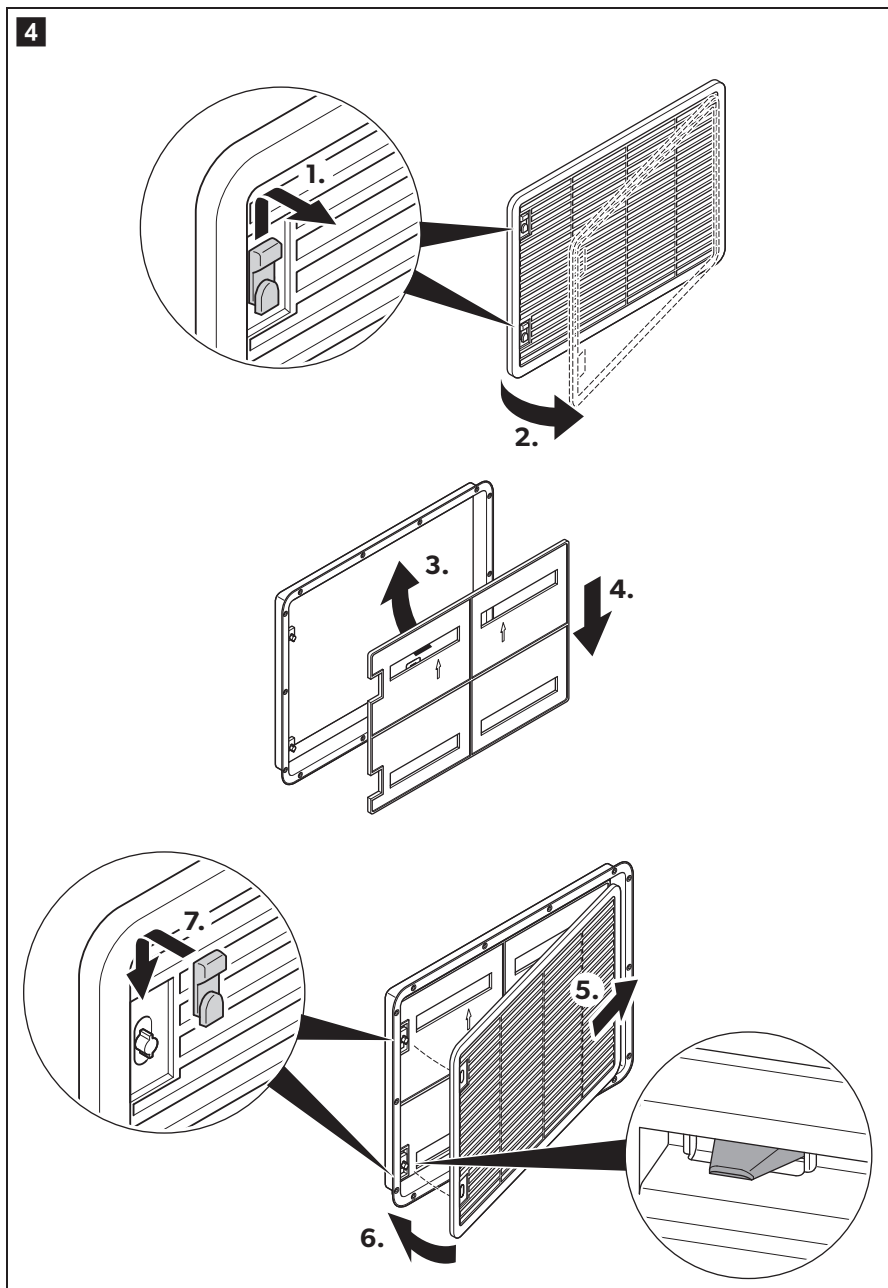
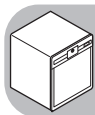
Cold air can impact the performance of the cooling unit. Install the winter covers if you determine a loss of cooling capacity at low ambient temperatures.

► Install the winter covers as shown:

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



- Ventilation grille LS230: fig. 4



**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. **4** 1, page 51).

5.3 Switching on the refrigerator

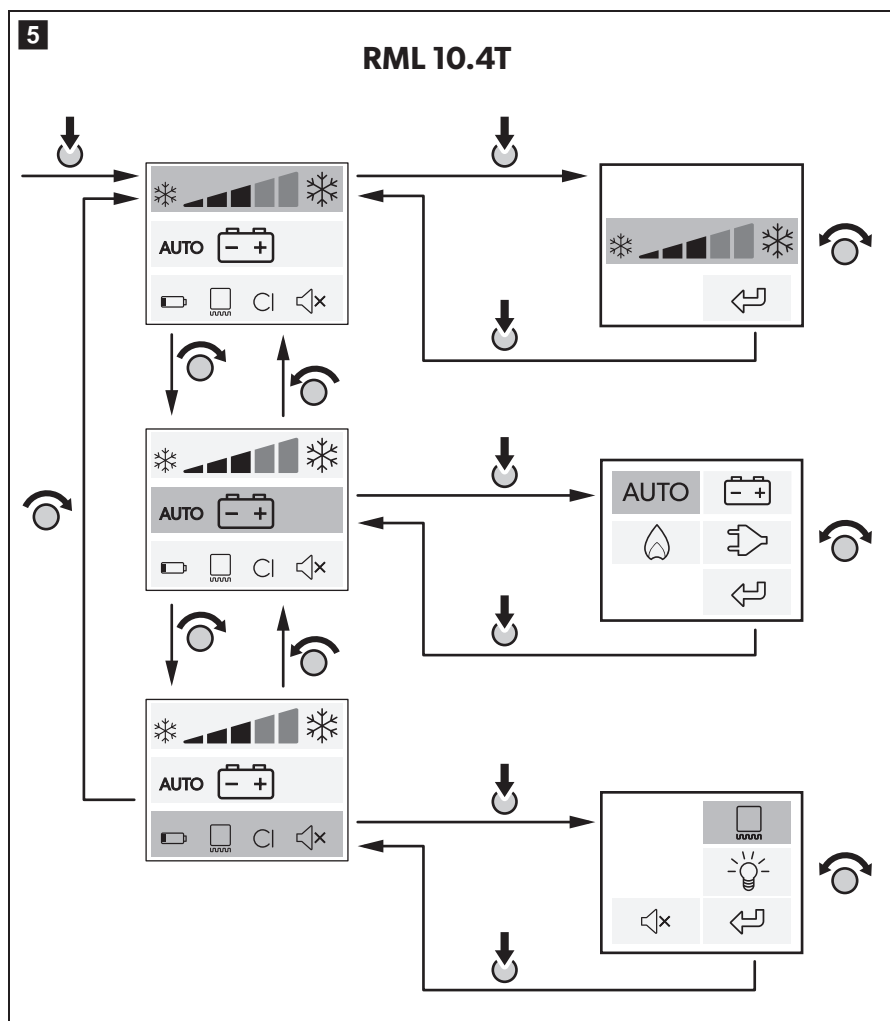
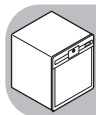
- Press for 2 seconds
 - **RML 10.4T**: the control knob
 - **RML 10.4 and RML 10.4S**: the ① button
- ✓ The refrigerator starts with the most recent settings.

5.4 Switching off the refrigerator

- Press for 4 seconds
 - **RML 10.4T**: the control knob
 - **RML 10.4 and RML 10.4S**: the ① button
- ✓ A beep sounds and the refrigerator switches off.

5.5 Operating the refrigerator (RML10.4T)

Menu navigation: fig. 5



➤ Press the control knob to activate the TFT display.



The main menu is divided into three lines:

Main menu	Detail menu
	Cooling capacity menu
	Operating mode menu
	Settings menu

- Turn the control knob to select the desired detail menu.
- Press the control knob to open the selected detail menu.
- 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.
- Confirm the selection using

5.6 Operating the refrigerator (RML 10.4 and RML10.4S)

Controls

- Repeatedly press , until the LED indicates the desired operating mode.
- Repeatedly press , until the desired temperature level is set.

5.7 Tank stop mode



WARNING!

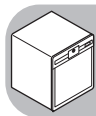
Turn off the refrigerator or select a different operating mode if refueling takes longer than 15 minutes.

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

- **RML 10.4T:** the symbol is displayed
- **RML 10.4 and RML 10.4S:** the LED flashes

5.8 Stand-alone gas mode (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 makes 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 turns off 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

- **RML10.4T:** by the symbols  and 
- **RML10.4 and RML10.4S:** by the flashing of  LED every 15 seconds

The batteries in 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 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.

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



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 secured correctly on the opposite side, carefully push on the top and bottom of the door on that side until it is secured in place.

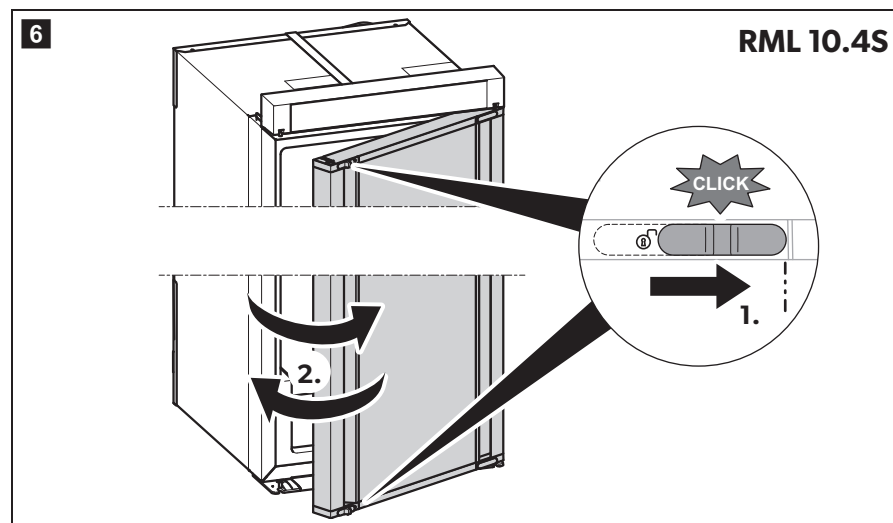
Closing and securing the refrigerator door/freezer compartment door

- Press the door shut until you clearly hear it click at the top and bottom.
- ✓ The door is now closed and secured.

5.11 Using the refrigerator door (RML10.4S)

Releasing the refrigerator door

- Release the refrigerator door as shown (fig. **6**).

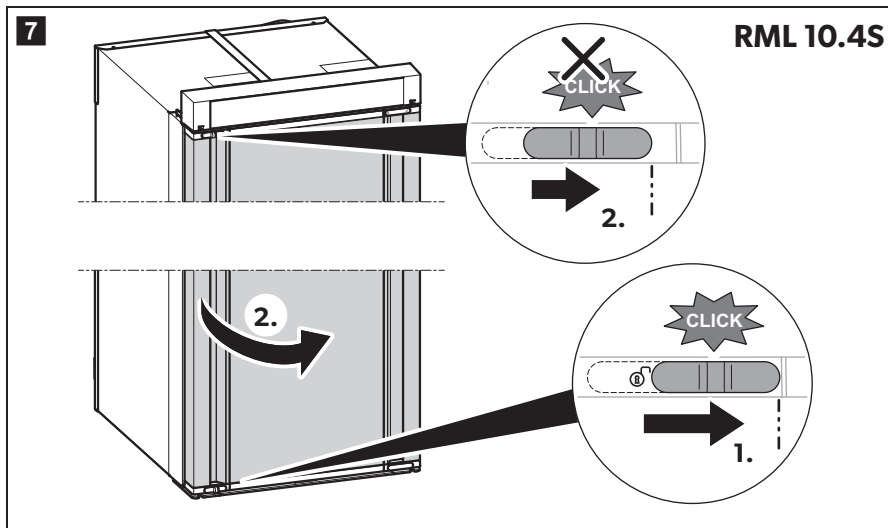


- ✓ The refrigerator door is easy to open and close but will not be secured when closed.

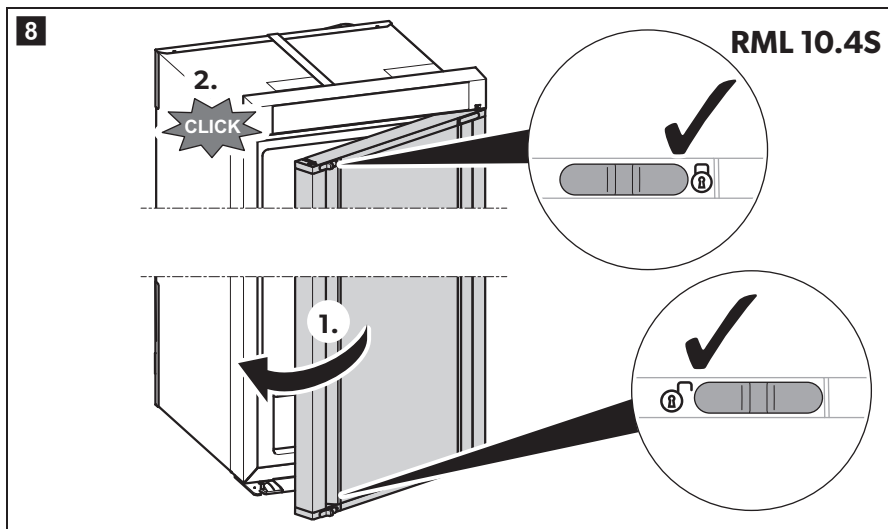


Securing the refrigerator door at the top automatically

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

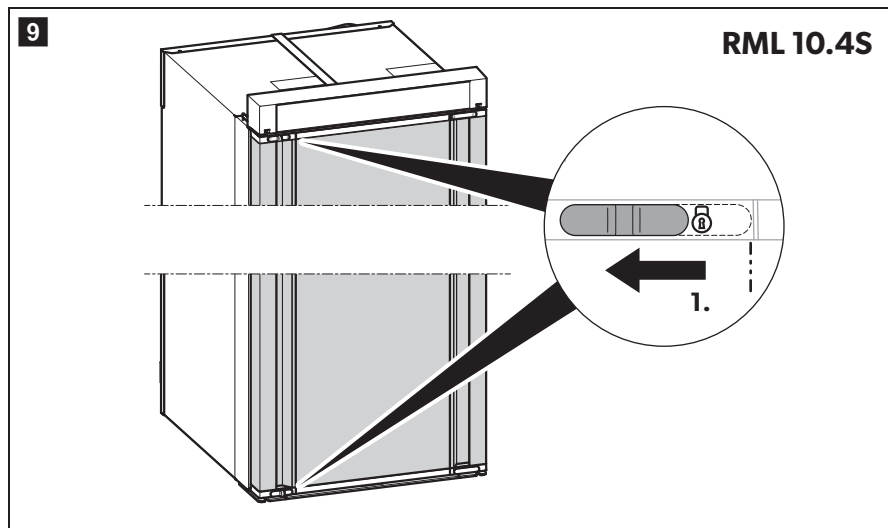
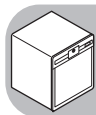


- ✓ The refrigerator door is automatically secured at the top after closing (fig. 8).



Securing the refrigerator door before starting to drive

- Secure the refrigerator door as shown (fig. 9).



5.12 Notes on storing food



CAUTION! – Health hazard!

- Please check whether the cooling capacity of the refrigerator is suitable for the food you wish 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.
- 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 exposed to a room temperature of below +10 °C for an extended period of time, a uniform temperature cannot be guaranteed in the freezer compartment. 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. **2**, page 47).

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



NOTICE!

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

The slider in the VG fresh base can be used to regulate the humidity in the vegetable compartment below it:

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

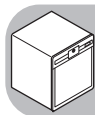
5.13 Positioning the shelves



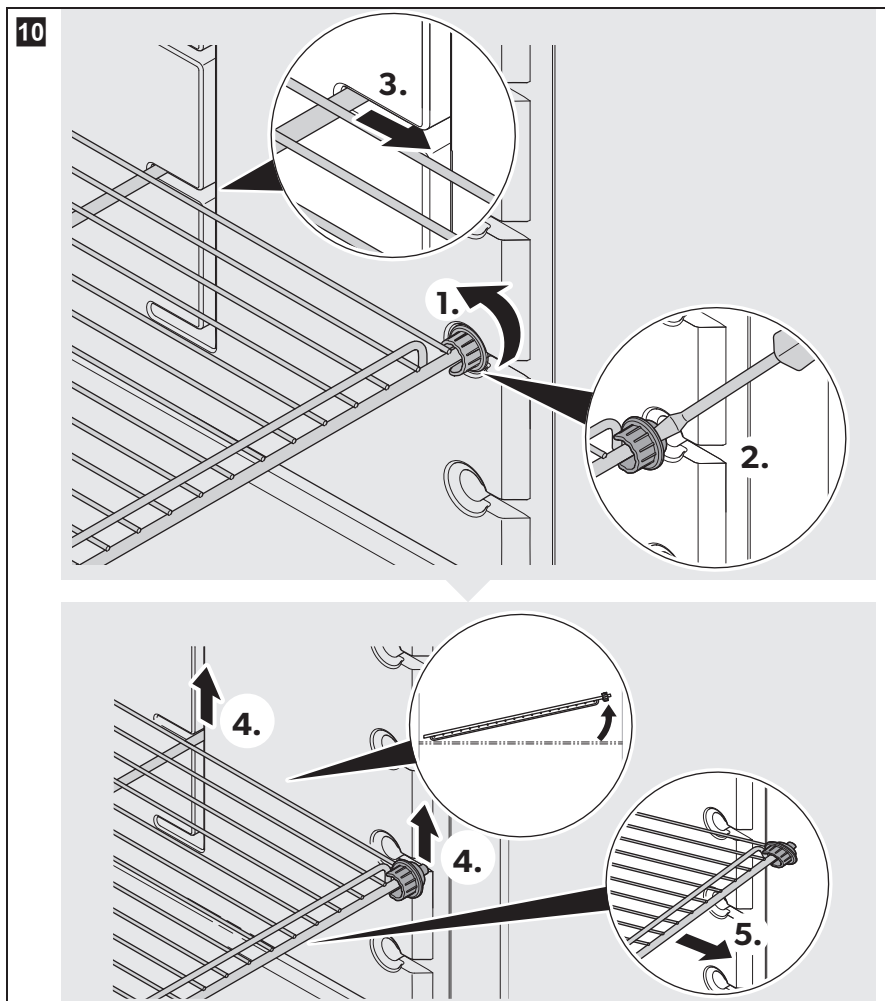
WARNING! Children beware!

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

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



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



➤ Refit the shelf in the reverse order.



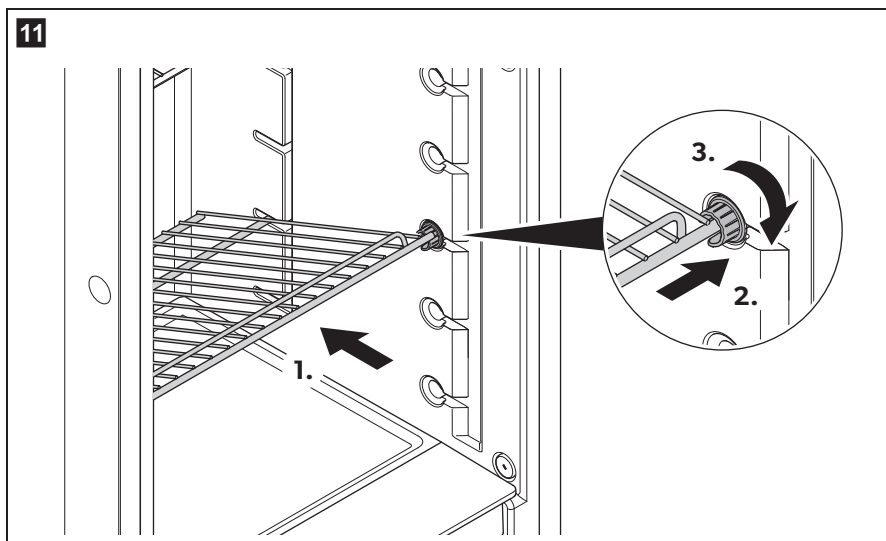
Positioning the shelf at an angle for wine bottles



NOTICE!

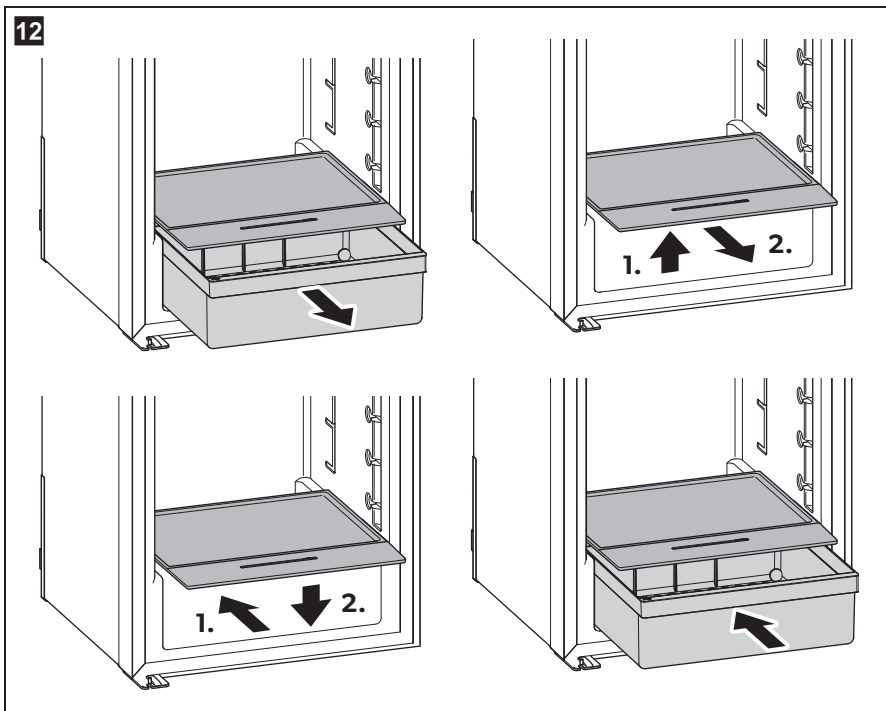
While driving, the shelf in the angled position must **not** be filled.

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



Removing and inserting the VG fresh base (RML 10.4T only)

► Proceed as shown (fig. 12).





5.14 Removing the freezer compartment

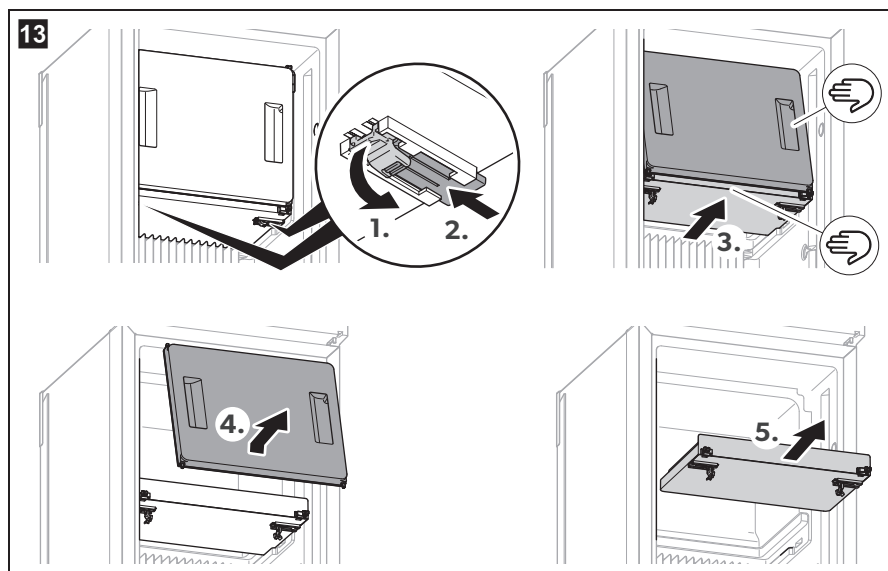
You can take out the freezer compartment to make more space in the refrigerator compartment.



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).



5.15 Defrosting the refrigerator



NOTICE!

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

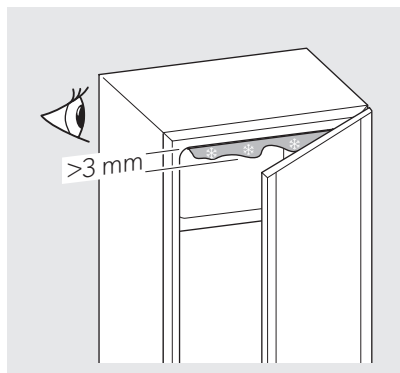


NOTE

Over time, frost builds up on the cooling fins inside the refrigerator. If this layer of frost is about 3 mm thick, you should defrost the refrigerator.

► Proceed as shown (fig. 14).

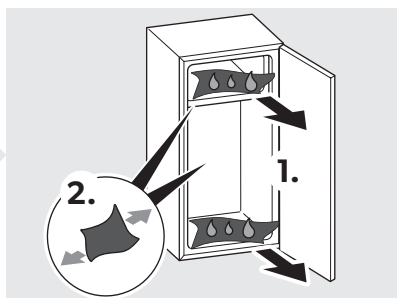
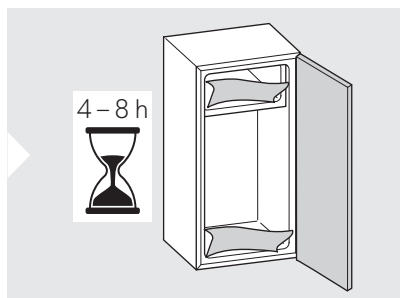
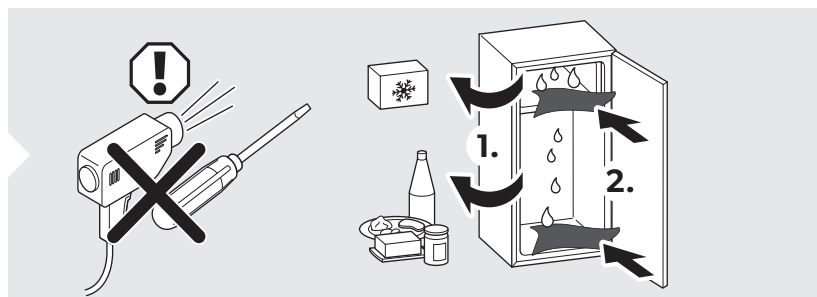
14



RML 10.4/RML 10.4S



RML 10.4T





5.16 Positioning the refrigerator door in the winter position

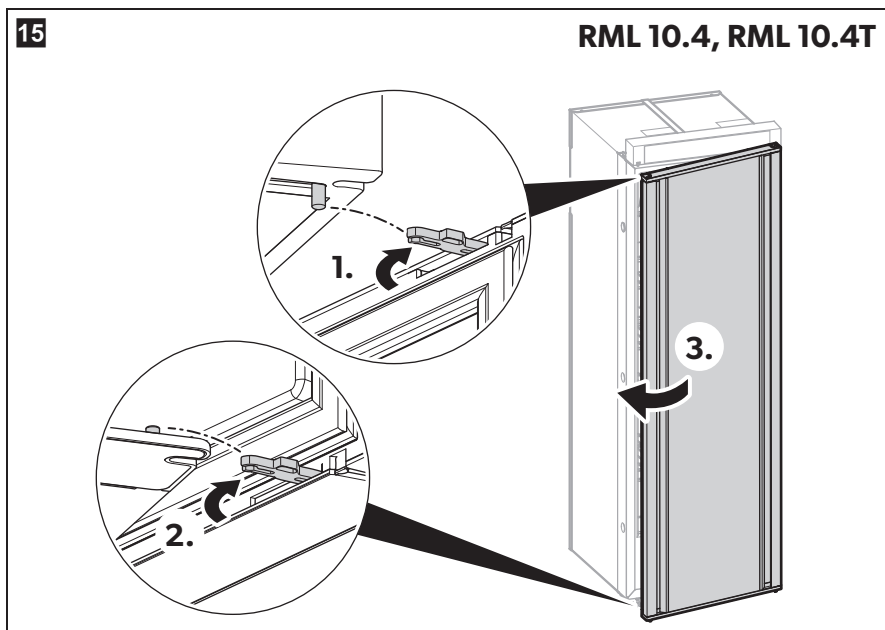


CAUTION!

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 mold from forming.

- Defrost the refrigerator (chapter “Defrosting the refrigerator” on page 64).
- Unscrew the hook near the securing mechanism all the way at the top and bottom of one side of the door (fig. 15).

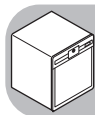


- Press against the refrigerator door.
- ✓ The protruding pin snaps into the hook.

Open the door in winter mode as follows:

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

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	Suggested remedy
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 power supply.
	The AC heating element is defective.	Contact an authorized customer service point.
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 customer service point.
	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 customer service point.
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 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	Suggested remedy
The refrigerator is not cooling adequately.	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. Make sure 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 the same time.	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.

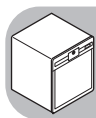
6.1 Fault messages and signal tones

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 most recent 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, RML10.4S	Fault	Solution
W01		Defective temperature sensor in the refrigerator compartment	Contact an authorized customer service point.
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.
	Beep	The door has been open for more than 2 minutes.	Close the door.
W10 + beep			

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 ① for 2 seconds.

- ✓ A beep sounds.
- ✓ The error has been reset.

RML10.4T	RML10.4, RML10.4S	Fault	Solution
E03		No connection between power module and display	Contact an authorized customer service point.



RML10.4T	RML10.4, RML10.4S	Fault	Solution
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 customer service if this error occurs again.
E08	 	No cooling capacity in AC power mode	Check if the device is at an angle and adjust it so it is level, if necessary. Reset the error. Contact customer service if this error occurs again.
E09	 	No cooling capacity in DC power mode	Check if the device is at an angle and adjust it so it is level, if necessary. Reset the error. Contact customer service if this error occurs again.
E12	 	Gas valve test error	Gas operation is not possible. Reset the error. Contact customer service if this error occurs again.
E13	 	Internal communication error	Gas operation not possible. Reset the error. Contact customer service 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. Replace the gas cylinder. Reset the error.



RML10.4T	RML10.4, RML10.4S	Fault	Solution
E51	 	Gas lock, internal error in the power module	Reset the error. Contact customer service if this error occurs again.
E52	 	Ground contact, gas valve	Reset the error. Contact customer service if this error occurs again.
E53	 	Ground contact, ignition electrode	Reset the error. Contact customer service if this error occurs again.

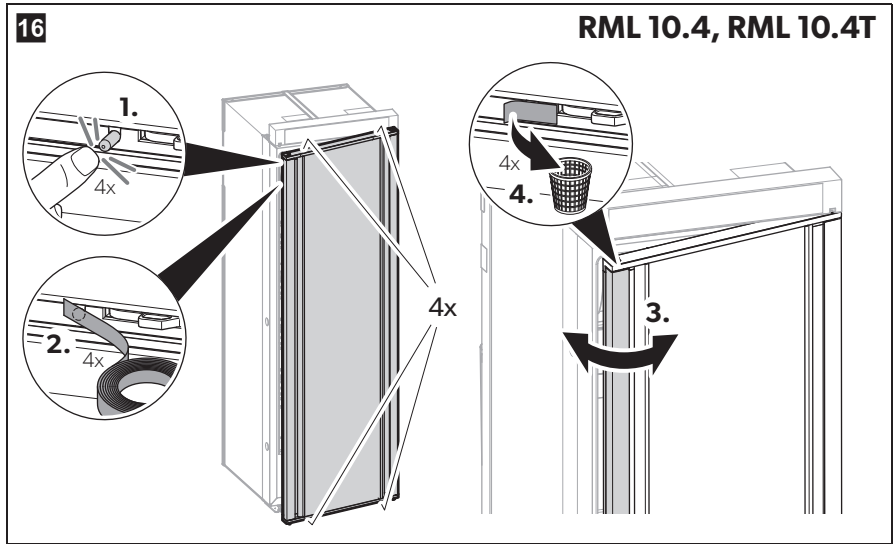
Refrigerator door does not close (RML 10.4 and RML 10.4T only)



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).





Refrigerator door has completely detached from the device (RML 10.4 and RML 10.4T only)



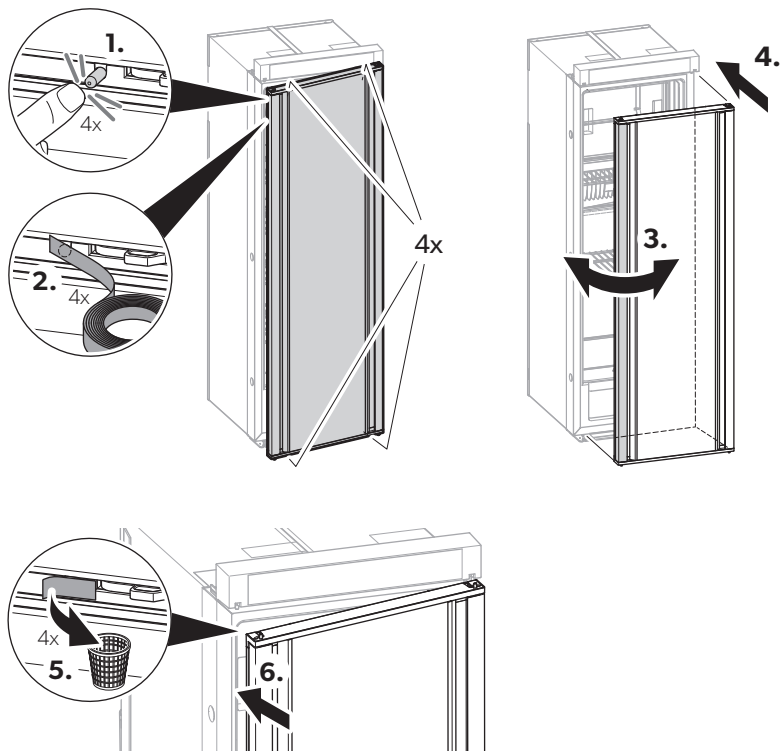
CAUTION! – Risk of injury

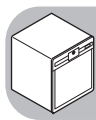
The door can completely detach from the device if the locking pins have been tampered with or are twisted.

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

17

RML 10.4, RML 10.4T





7 Cleaning and maintenance



WARNING!

Always disconnect the refrigerator from the energy supply before cleaning and servicing 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.
- Make sure 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.
- Make sure that the ventilation grilles in the outer wall of the mobile home 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.

7.1 Cleaning the gas burner



WARNING!

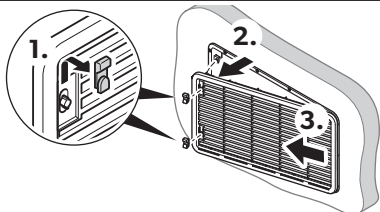
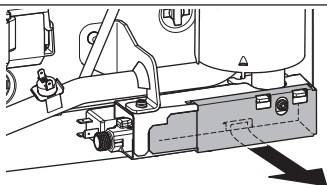
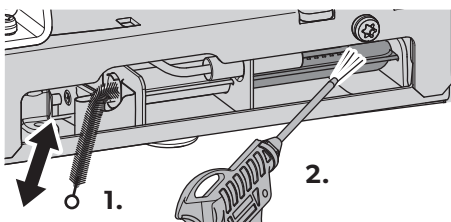
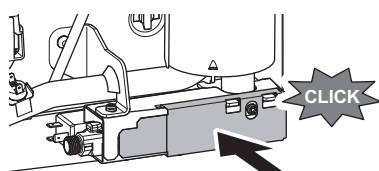
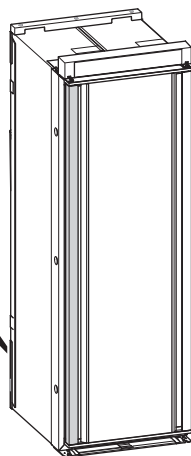
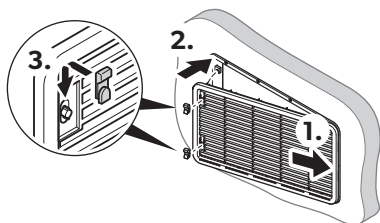
- Allow the burner to cool down before cleaning it.
- Do not modify the gas equipment.



NOTE

- Dirt in the gas burner is indicated by poor ignition or deflagrations.
- The manufacturer also recommends cleaning the burner after it has not been used for an extended 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.

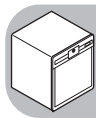
- Proceed as shown (fig. **18**).

**18****A****B****C****D****E****F****G**

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.

**Protect the environment!**

Do not dispose of any batteries with general household waste. Return defective or used batteries to your retailer or dispose of them at collection points.



9 Technical data

	RML10.4	RML10.4S	RML10.4T
Connection voltage:	230 V~ /50 Hz 12 V==		
Contents			
Gross capacity:	133 l		
Refrigerator compartment:	116 l		
Freezer compartment:	12 l		
Total net capacity:	128 l		
excluding freezer compartment			
Gross capacity:	139 l		
Net capacity:	134 l		
Power consumption:	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:	 		

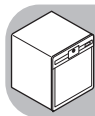
For the current EU Declaration of Conformity for your device, please refer to the respective product page on dometic.com or contact the manufacturer directly (see back page).

Detailed information



dometic.com

Absorber refrigerator 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 device may only be carried out by qualified personnel.
- Do not operate the device if it is visibly damaged.
- If this device's power cable is damaged, it must be replaced by the manufacturer, a service agent or a similarly qualified person in order to prevent safety hazards.
- This device may only be repaired by qualified personnel. Improper repairs can result in considerable danger or damage to the device.

Fire hazard

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

Explosion hazard

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

Health hazard

- Never open the absorber unit. It is under high pressure and can cause injury if it is opened.
- This device 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 device in a safe way and understand the hazards involved.
- Children shall not play with the device.



- Cleaning and user maintenance shall not be made by children without supervision.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating devices.



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

Risk of crushing

- Do not put your fingers into the hinge.



NOTICE! Damage hazard

- Keep the condensation opening clean at all times.
- The device lighting may only be replaced by a service agent.
- Do not use a high-pressure cleaner near the ventilation grille when cleaning the vehicle.
- Attach the winter covers (accessories) of the ventilation grille when the vehicle is cleaned from the outside or not used for a prolonged period of time.
- Do not open the refrigerant circuit under any circumstances.
- The refrigerator is not suitable for storing substances which are caustic or contain solvents.
- The refrigerator may not be exposed to rain.

1.2 Safe operation



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

Risk of injury

- Close and lock the device door before beginning a journey.
- The cooling aggregate at the back of the device becomes very hot during operation. Protect yourself from coming into contact with hot parts when removing ventilation grills.



NOTICE! Damage hazard

- Do not use electrical devices inside the device 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.
- Make sure that foodstuffs do not touch the walls of the cooling area.

1.3 Safety when operating with gas



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

Explosion hazard

- **Only** operate the device at the pressure shown on the type plate. Only use pressure controllers with a fixed setting which comply with the national regulations.
- While driving only operate the device with gas if the vehicle manufacturer allows the operation of the gas system while driving (see vehicle's manual).
- Check the national requirements for operating the device with gas during driving.
- Never operate the device with gas:
 - At petrol stations
 - In parking garages
 - On ferries
 - While transporting the caravan or mobile home with a transport vehicle or tow truck
- Never use a naked flame to check the device for leaks.
- In case of gas odor:
 - Close the gas supply cock and the valve on the cylinder.
 - Open all windows and leave the room.
 - Do not press an electric switch.
 - Put out any naked flames.
 - Have the gas system checked by a specialist.
- **Never** store liquid gas cylinders in unventilated areas or below ground level (funnel shaped holes in the ground).
- Keep liquid gas cylinders away from direct sunlight. The temperature may not exceed 50 °C.

**NOTICE! Damage hazard**

- Only use propane or butane gas, **not** natural gas (see rating plate).

**NOTE**

- Ignition problems may occur at altitudes above 1000 m. Switch to a different energy source.

1.4 Safety when operating

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

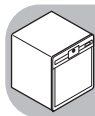
- Make sure that you only put items in the device which may be chilled at the selected temperature.
- Food may only be stored in its original packaging or in suitable containers.
- Opening the door for long periods can cause significant increase of the temperature in the compartments of the device.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Store raw meat and fish in suitable containers in the device, so that it is not in contact with or can drip onto other food.
- If the device is left empty for long periods:
 - Switch off the device.
 - Defrost the device.
 - Clean and dry the device.
 - Leave the door open to prevent mould developing within the device.

Risk of injury

- The device door or the freezer door can completely detach from the device if used incorrectly. Push the doors closed until you hear a clear click at the top and bottom.
- Do not lean on the open device door.

**NOTICE! Damage hazard**

- If 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.
- Only store heavy objects such as bottles or cans in the device door, in the vegetable compartment or on the bottom shelf.

**NOTE**

- Ask your vehicle manufacturer if the battery management of your vehicle shuts down the devices to protect the battery.
- Put the device door and the freezer door into the winter position if you are not going to use the device 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.

2 Accessories

Designation

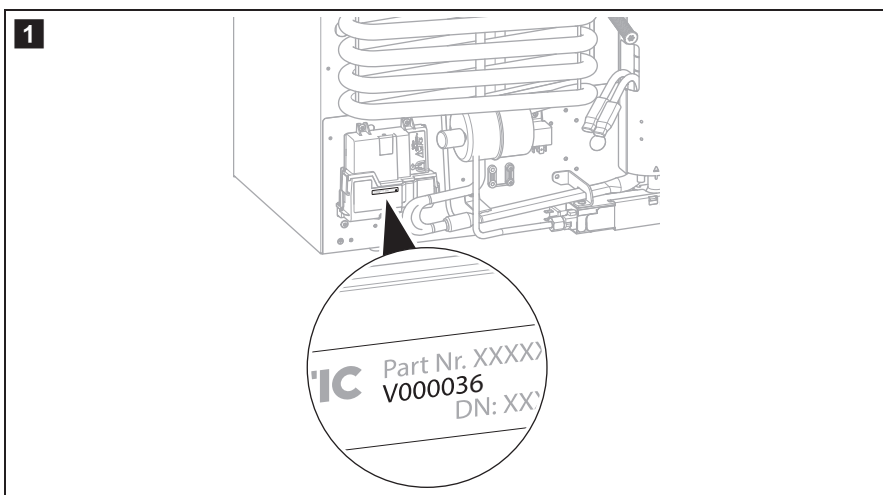
Winter cover WA 130 for the ventilation grill LS 200

Optional Fan Kit REF-FANKIT

Note! The fan kit can only be installed in refrigerators with software version 36 or higher (fig. 1).

Optional Battery pack Pack R10-BP for stand-alone gas operation

Optional storage kit





3 Intended use

The cooling device is suitable for:

- Installation in mobile homes 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

4 Technical description

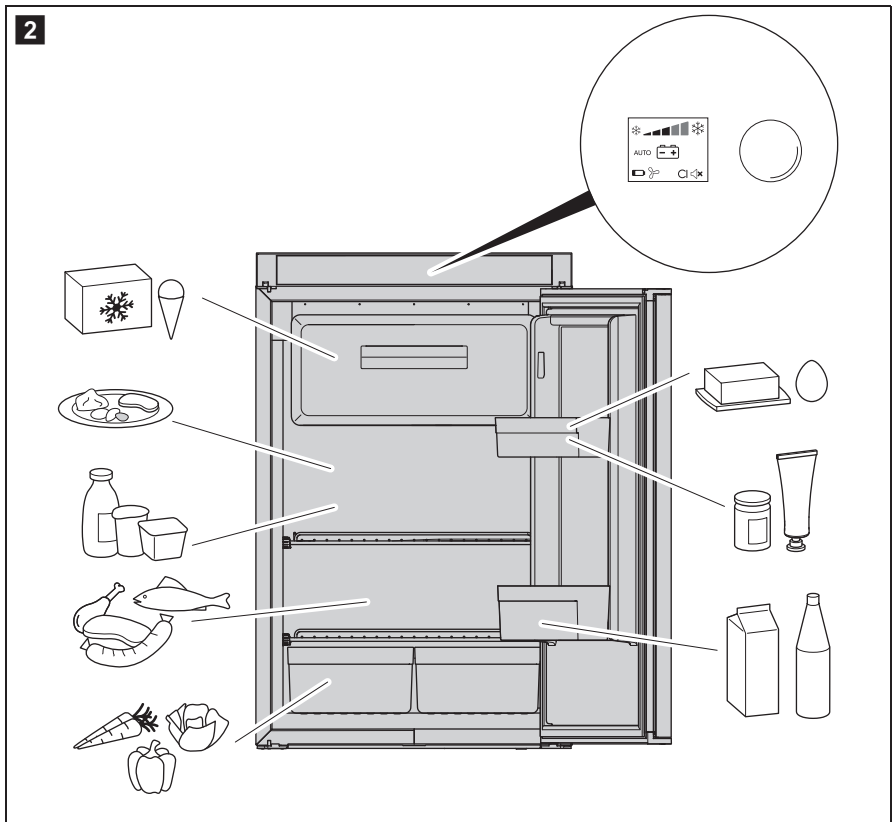
The refrigerator is an absorber refrigerator and is designed for operation

- 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

The TFT display has the following operating and display elements (fig. 2):



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 the fan function is activated.
	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



5 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

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



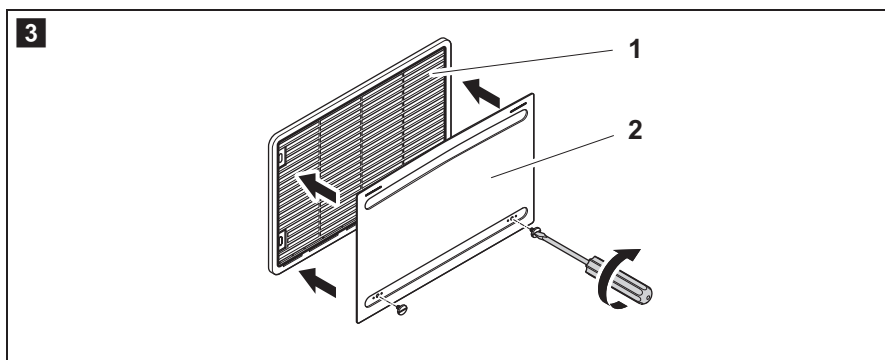
NOTICE!

In AC 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. **3**).

5.3 Switching on the refrigerator

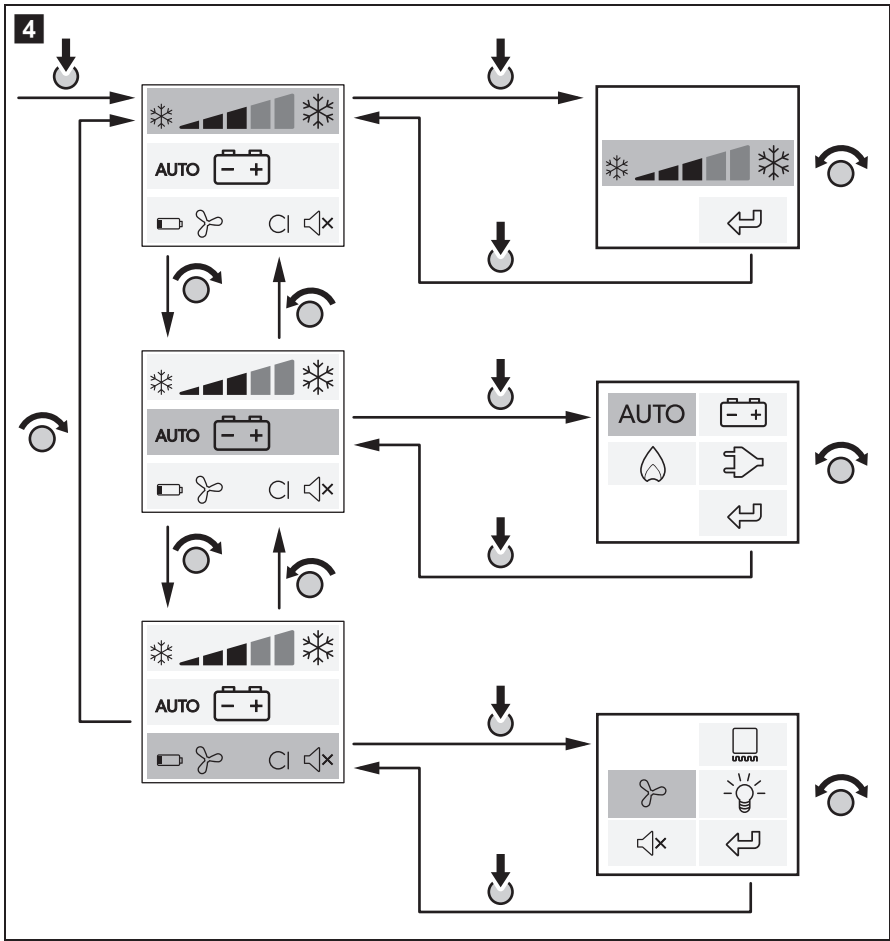
- Press the control knob for 2 seconds.
- ✓ The refrigerator starts with the most recently selected settings.

5.4 Switching off the refrigerator

- Press the control knob for 4 seconds.
- ✓ A beep sounds and the refrigerator switches off.

5.5 Operating the refrigerator

Navigation in the menu: 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



Main menu	Details menu
	"Operating mode" menu
	Settings menu

- Turn the control knob to select the desired detail menu.
- Press the control knob to open the selected detail menu.
- 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.
- Confirm the selection with

5.6 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.

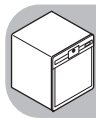
In refueling mode, the symbol is displayed.

5.7 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 makes 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.

5.8 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.



5.9 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 .

5.10 Using the refrigerator door



CAUTION! – Beware 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.



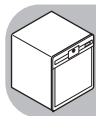
NOTE

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.

5.11 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 ice 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. **2**, page 83).



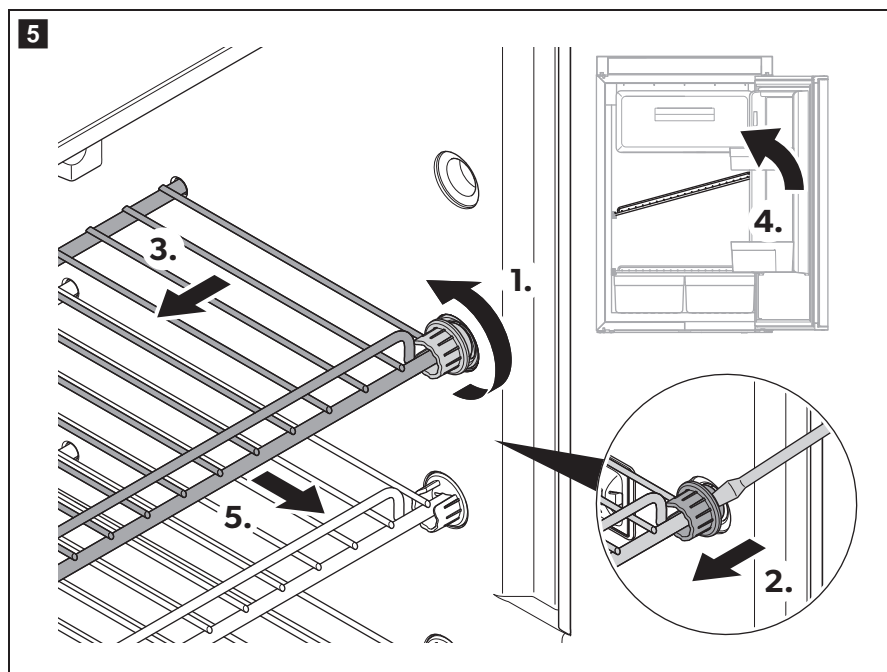
5.12 Positioning the shelves



WARNING! Children beware

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

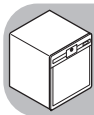
- Only remove the shelves for cleaning purposes.
- Refit the shelves and fasten them in place.



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

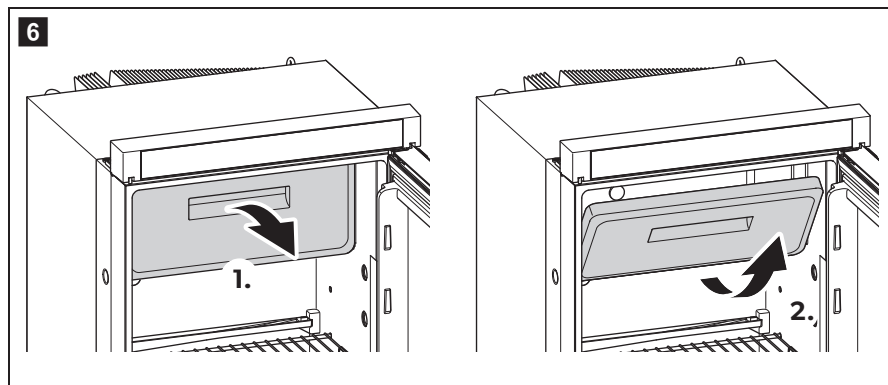
5.13 Removing the freezer compartment

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.



➤ Proceed as shown (fig. **6**).

5.14 Defrosting the refrigerator



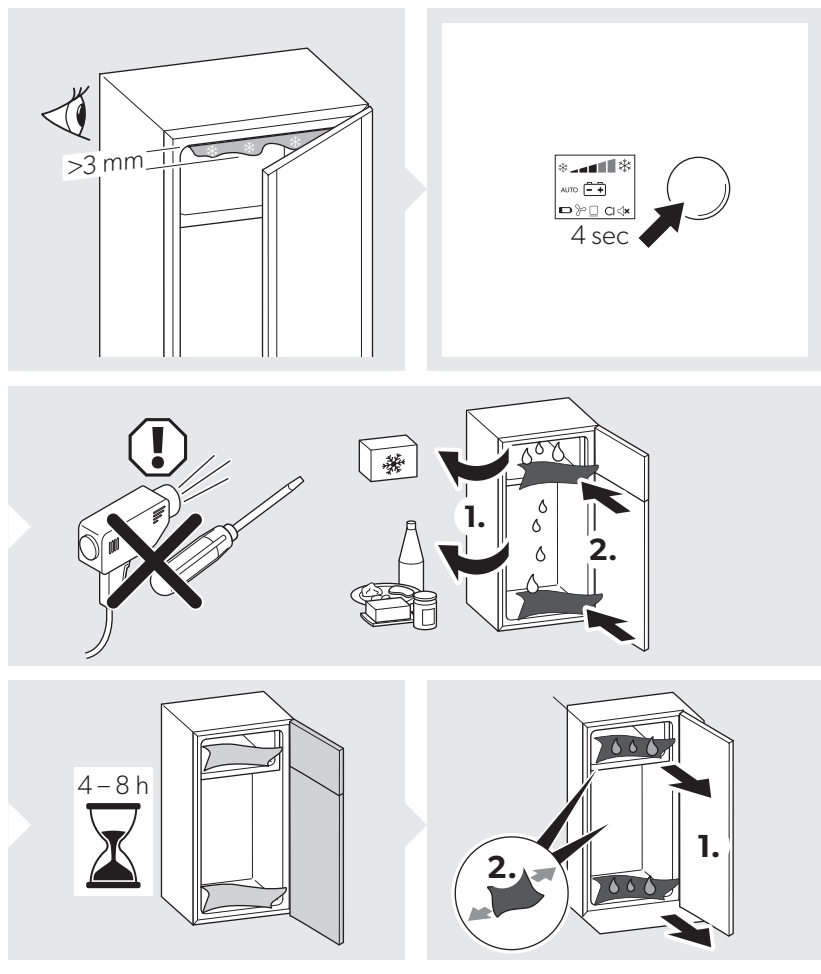
NOTICE!

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



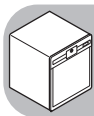
NOTE

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.

**7**

► Proceed as shown (fig. **7**).

5.15 Positioning the refrigerator door in the winter position

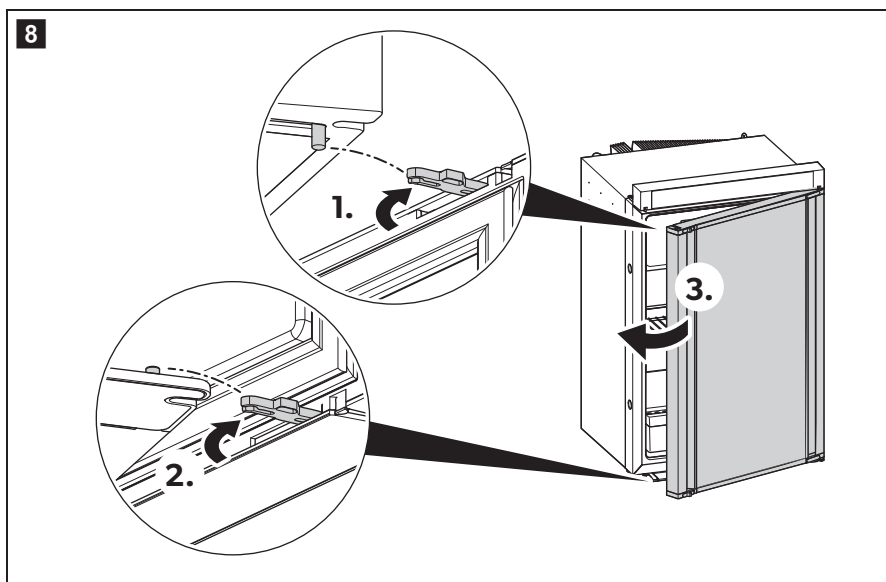


CAUTION!

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

Put the refrigerator door and the ice 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.

- Defrost the refrigerator (chapter “Defrosting the refrigerator” on page 93).



- Unscrew the hook near the securing mechanism all the way at the top and bottom of one side of the door (fig. **8**).
- Press against the refrigerator door.
- ✓ The protruding pin engages in the hook.

Open the door in winter mode as follows:

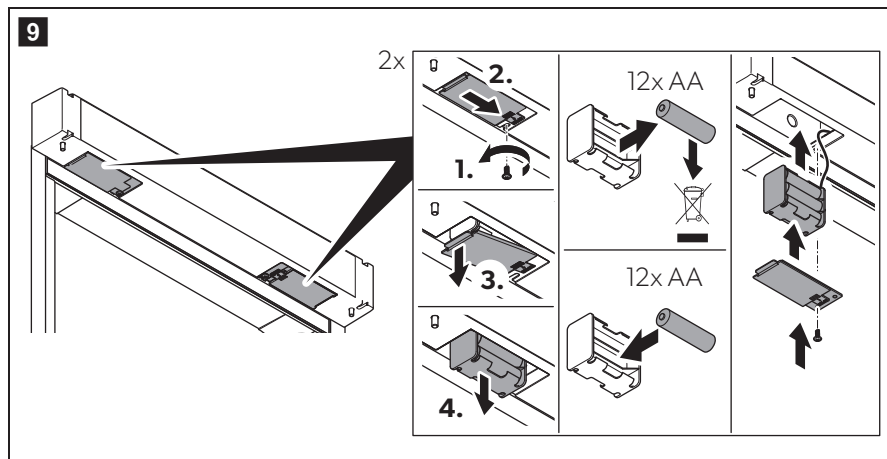
- Pull the door toward you.
- Push the protruding hooks at the top and bottom of the door back in.



5.16 Optional battery packs

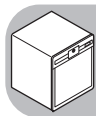
If the vehicle's own 12 V DC battery power supply is unavailable or if the power supply is cut off while the appliance is in operation, the electronic control unit automatically switches over to the internal battery power (if batteries are inserted).

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).

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 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 authorised customer service.
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 authorised customer service.
	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 authorised customer service.
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. Make sure 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.

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.

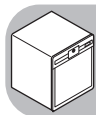
If multiple faults occur, the display shows the most recent fault. Previous faults are displayed after the last fault has been confirmed.

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 authorised customer service.
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 supply not connected	Connect the refrigerator to DC power or select a different energy type, e.g. gas or AC power.



RMS10.5XT	Fault	Solution
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

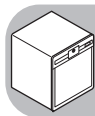
All faults of the “ERROR” type must be reset manually:

- Press the control knob for 2 seconds.
- ✓ A beep sounds.
- ✓ The error has been reset.

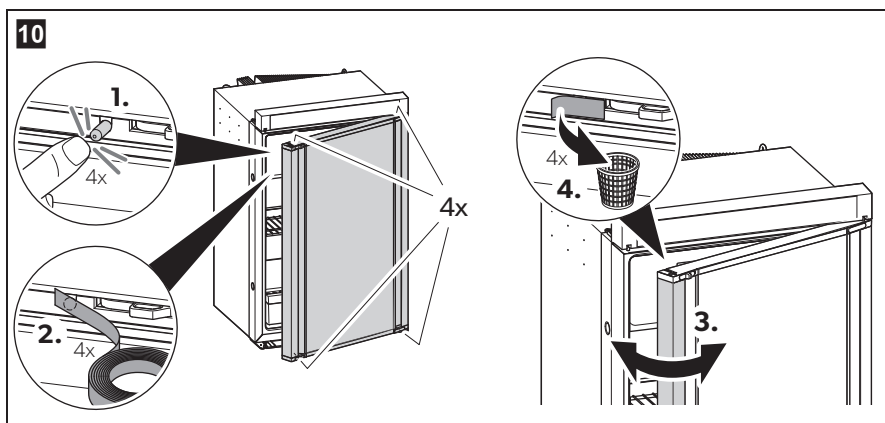
RMS10.5XT	Fault	Solution
E03	No connection between power module and display	Contact your authorised customer service.
E07	No cooling capacity in gas mode	Check if the device is at an angle and adjust it so it is level, if necessary. Reset the error. Contact service agent if this error occurs again.
E08	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.
E12	Gas valve test error	Gas operation not possible. Reset the error. Contact service agent if this error occurs again.



RMS10.5XT	Fault	Solution
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**

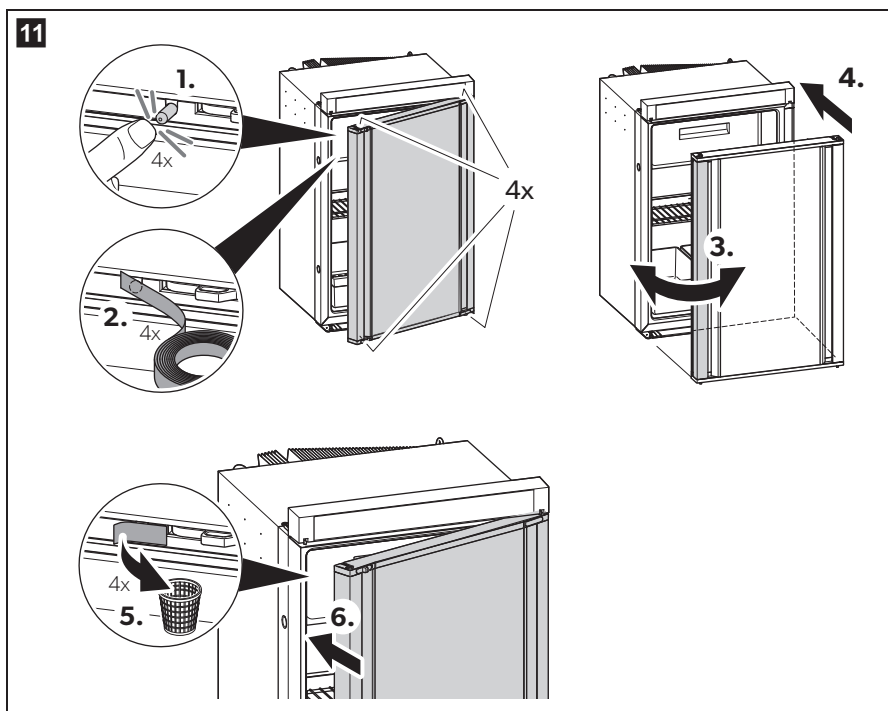
If the door no longer closes, then the door handle is blocked on the opened side.



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

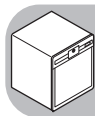
Refrigerator door has completely detached from the device**CAUTION! injury hazard**

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**).

7 Cleaning and maintenance

**WARNING!**

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

**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.
- Make sure 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.
- Make sure that the ventilation grilles in the outer wall of the mobile home 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.



7.1 Cleaning the gas burner



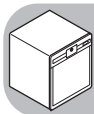
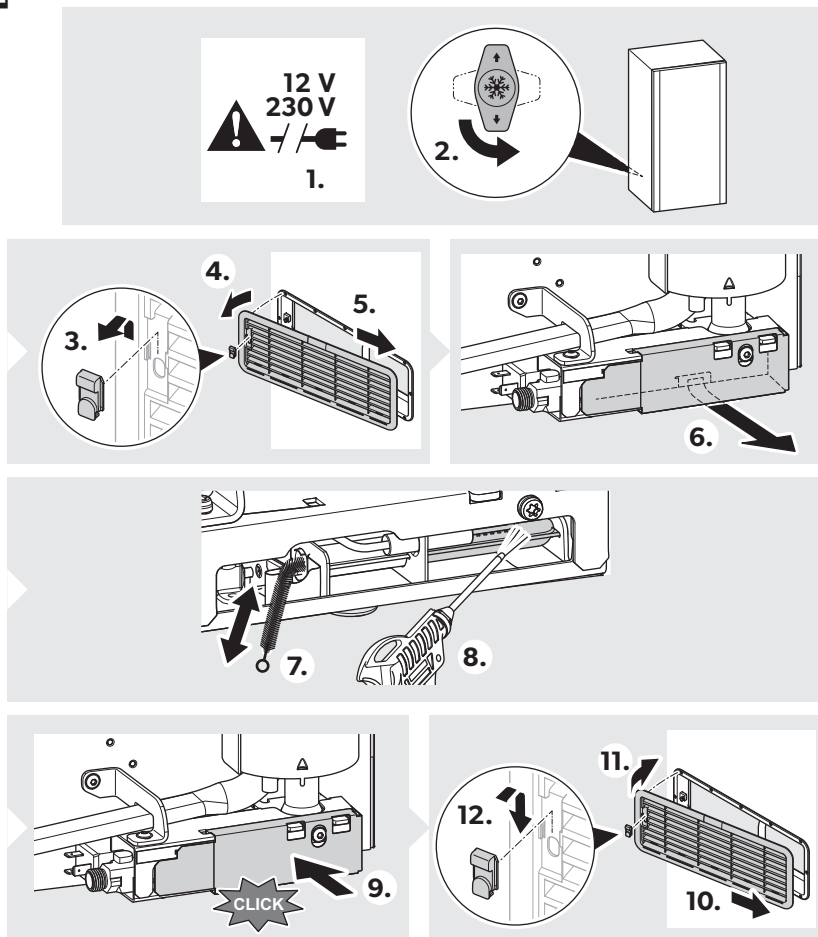
WARNING!

- 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 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**).



7.2 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.

8 Disposal



NOTE

This device contains flammable insulation blowing gas.
Only have the device removed and disposed of by a specialist.



Protect the environment!

Do not dispose of any batteries with general household waste.
Return defective or used batteries to your retailer or dispose of them at collection points.

9 Technical data

	RMS10.5XT
Connection voltage:	230 V~ /50 Hz 12 V==
Capacity	
Gross volume:	92 l
Refrigerator compartment:	80.3 l
Freezer compartment:	12.1 l
Total net capacity:	90 l
Excluding freezer compartment	
Gross volume:	98 l
Usable capacity:	96 l
Power input:	135 W (230 V~) 130 W (12 V==)

	RMS10.5XT
Energy consumption:	3.2 kWh/24 h (230 V~)
Gas consumption:	270 g/24 h
Climatic class:	SN
Dimensions h x w x d:	821 x 523 x 603 mm
Weight:	29 kg
Inspection/ certification:	 



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

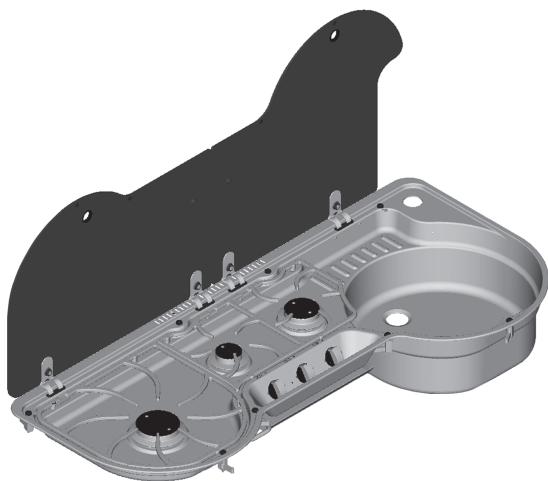
Detailed information

 dometic.com

↗ DOMETIC

COOKING

COOKERS & RANGES



Built-in LPG stove

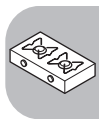
MO9303

MO9323

MO9722R

LPG stove MO9303, MO9323, MO9722R

1 Safety instructions



1.1 General safety



WARNING!

- This device may only be repaired by qualified personnel. Improper repairs can result in considerable danger or damage to the device.
- Only use category I₃ 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.
- **Beware of suffocation!**
Before switching on the device, ensure that the area is sufficiently ventilated. During operation, there must be air vents with a cross-section of at least 150 cm² in the installation space. It may be possible to close these vents, but they must be kept open when the device is operating (see sign located above the device).
- **Always** operate the device at the pressure shown on the type plate. Only use pressure regulators with a fixed setting that comply with the national regulations.
- Compare the pressure information on the type 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 proper 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 ferry boats
 - while transporting the camper van or mobile home with a transport vehicle or tow truck



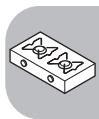
- Only close the glass cover after the burner has cooled down. Do not ignite the burner if the glass cover is closed. Otherwise, the glass cover can shatter and flying fragments can injure you.
- If you are using a model with a glass cover over the sink, then keep a distance of 10 mm between the closed 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 intense 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 (MO9303, MO9323, MO9722R)
- Grid
- Operating manual

3 Intended use

The liquefied-gas cooktops in the MO9303, MO9323 and MO9722R model series are intended for installation in a kitchen or worktop in caravans and mobile homes. They are **not** suitable for use on boats or in sea vehicles.

The devices may 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 Specifications for the different models

The devices are available in different versions:

- **MO9303:** Combination with three burners, sink and safety glass cover, without electric ignition
- **MO9323:** Combination with three burners, sink and safety glass cover, with electric ignition

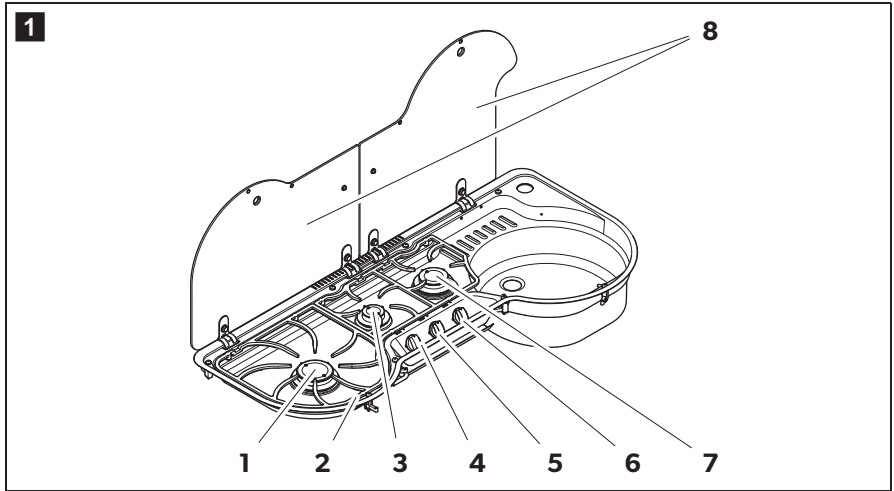
- **MO9722R:** Combination with two burners, sink and safety glass cover, with electric ignition

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



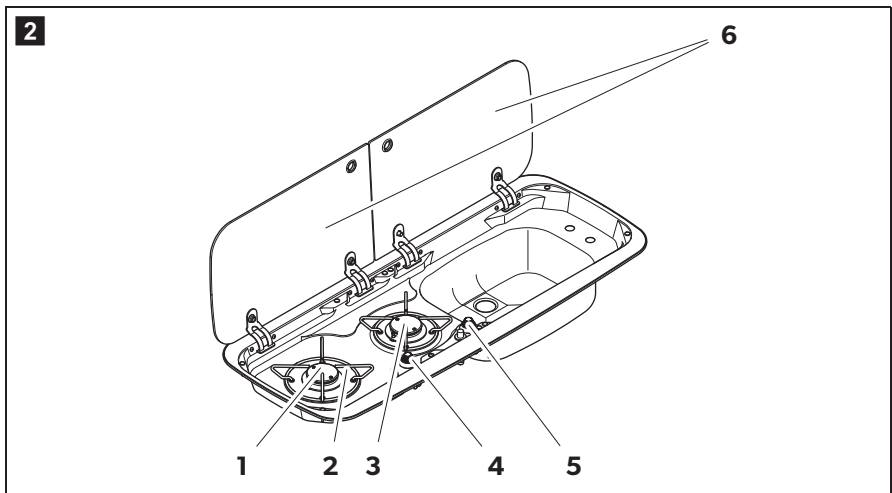
4.3 Control elements and design

MO9303, MO9323



No. in fig. 1	Description
1	Burner (2.2 kW), fast, for pot diameters from 16–22 cm
2	Grid
3	Auxiliary burner (1 kW), for pot diameters from 6–16 cm
4	Control knob for burner 1
5	Control knob for auxiliary burner 3
6	Control knob for burner 7
7	Burner (1.8 kW), semi-fast, for pot diameters from 16–22 cm
8	Glass cover

MO9722R



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

The symbols next to the control knobs (fig. 1, 4–6 and fig. 2, 4–5) 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! Beware 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.

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

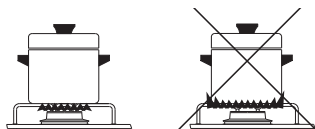
Automatic ignition (only MO9323, MO 9722R)

- 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.

OR

Manual ignition

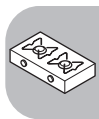
- Push the knob inwards and hold it in this position.
- Ignite the burner using a long match or another suitable ignition device. Remove your hand as soon as the burner ignites.
Once the burner has been lit, you can let go of the knob after approximately 5 seconds.



- Adjust the flame so it does not extend beyond the edge of the pot.
- Turn the control to the required position: Large flame or small flame

5.2 Switching the device off

- Set the knob to the zero setting (●).
- ✓ The burner goes out.
- Close the shut-off valve for the stove.
- If you are not planning to use the stove for a long time, close the valve on the gas cylinder.



5.3 Replacing the gas cylinder



WARNING! Beware of injury!

Only replace the gas cylinder when there is good ventilation.

Make sure 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.

- Switch the device off by turning the control knobs clockwise to the zero setting.
- Close the valve on the gas cylinder.
- Screw the pressure reducing valve off the bottle.
- Check the condition of the hose line.
Replace the hose line if the material is brittle or porous.
- 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.

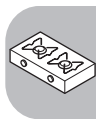
- Switch off the device immediately according to chapter "Switching the device off" on page 115.
- Allow the device to cool down before cleaning it.
- Remove the grid.
- Clean the surface of the device. In particular, remove any sticky grease and oil residue.

7 Stove maintenance

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

- 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)
- Check that the installation location conforms to the applicable local regulations.
- Check the following components for dirt and clean, if necessary:
 - Gas outlets on the burners
 - Burner heads
 - Thermocouple
- Check whether the distance between the burner head and the thermocouple is correctly set (approx. 1–3 mm).

8 Technical data



	MO9303	MO9323
Gas consumption:	364 g/h	
Gas category:	Category I _{3B/P} , I ₃₊ (propane/butane)	
Connection pressure:	AT, BE, DE, DK, FI, GB, NL, NO, PT, SE, SI: 30 mbar (propane/butane) BE, CH, ES, FR, GB, IE, IT, PT, SI: 28–30 mbar (butane), 37 mbar (propane)	
Number of burners:	3	
Burner output:	1000/1800/2200 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):	1005 x 455 x 144 mm	
Inspection/certification:		

	MO9722R
Gas consumption:	80/131 g/h
Gas category:	Category I _{3B/P} , I ₃₊ (propane/butane)
Connection pressure:	BG, CY, 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, 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:	

↗ DOMETIC

ENERGY & LIGHTING

ACCESSORIES



Power supply unit

SMP 301-02

SMP 301-03

SMP 301-07

Power supply unit SMP 301-02, SMP 301-03, SMP 301-07

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 Operating the 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!

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

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



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 errors when it is in use. A defective battery is detected by the battery charger during the charging process.

2 Scope of delivery

- Power supply unit
- Battery charger (only SMP 301-07)
- Operating manual

3 Intended use

The power supply units SMP 301-02/-03/-07 are suitable for installation in habitable recreational vehicles (e.g. mobile homes, camper vans, boats etc.). The power supply units are used as the voltage supply for the DC consumer units and can be supplied with AC or DC.

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 power supply units are approved for permanent operation.

4 Technical description

The power supply unit can be connected to an external power supply.

Only SMP 301-03, SMP 301-07

The 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.



Only 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.

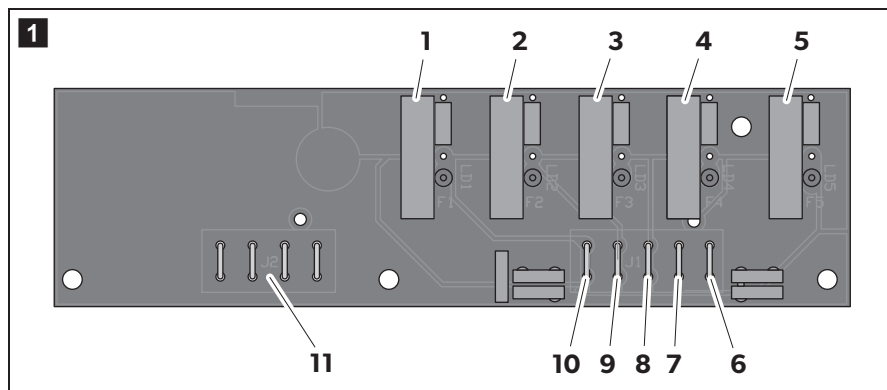
The battery charger has the following safety functions:

- 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.



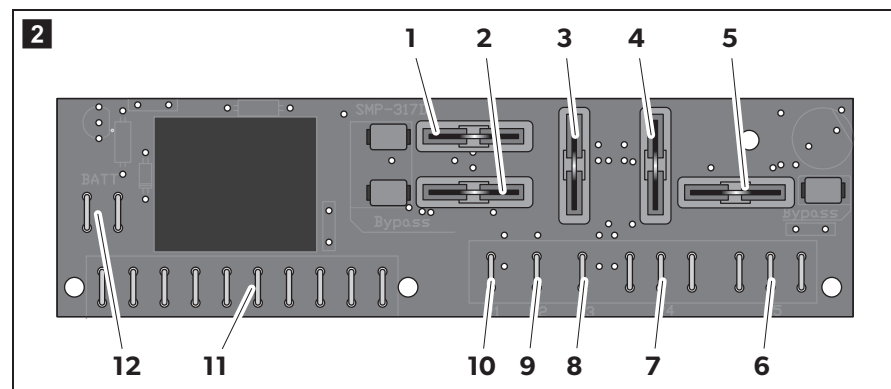
4.1 Connections and displays

SMP 301-02

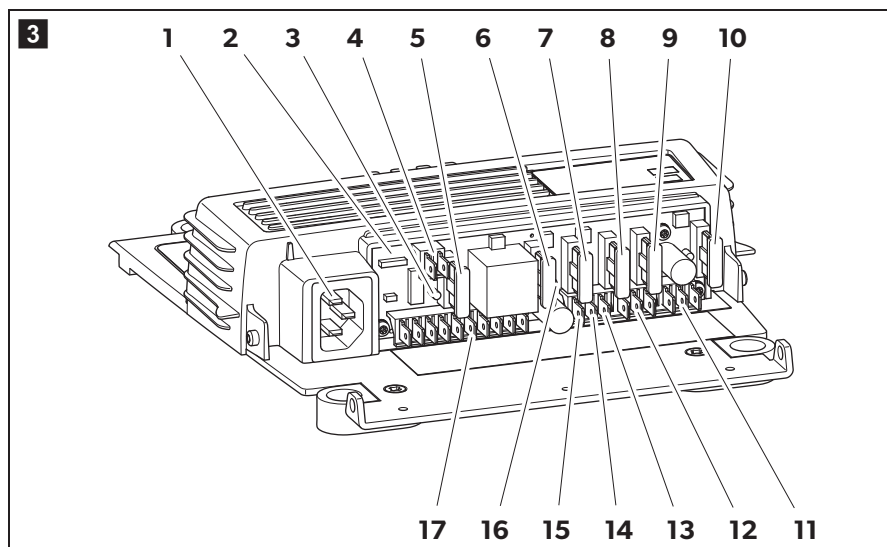


No. in fig. 1	Element
1	Plug-in fuse F1 for output group 1 (maximum 15 A)
2	Plug-in fuse F2 for output group 2 (maximum 15 A)
3	Plug-in fuse F3 for output group 3 (maximum 15 A)
4	Plug-in fuse F4 for output group 4 (maximum 15 A)
5	Plug-in fuse F5 for output group 5 (maximum 15 A)
6	Flat plug P5 6.3 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



No. 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

No. 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)

No. in fig. 3	Element
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
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

5 Using the power supply unit

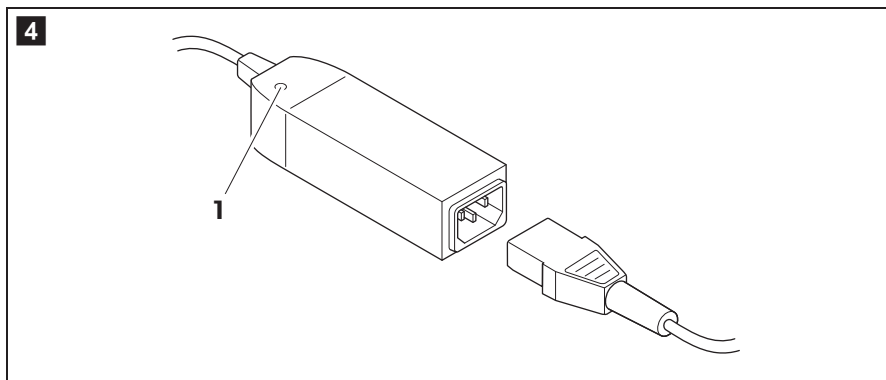
The power supply unit switches on as soon as an external power supply is available.

Only replace a plug-in fuse which has blown (1 – 5 in fig. **1**, page 123 to fig. **2**, page 124 and 6 – 10, fig. **3**, page 125) 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.

5.1 Using the surge protector (optional)

The optional surge protector is connected on the supply side of the power supply unit. The surge protector disconnects the power supply line if the input voltage exceeds approx. 270 V.



- Check whether the red LED (fig. **4** 1) lights up.
- ✓ If the red LED lights up, this indicates that a voltage surge has occurred.
- Wait 20 – 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 – 30 minutes.

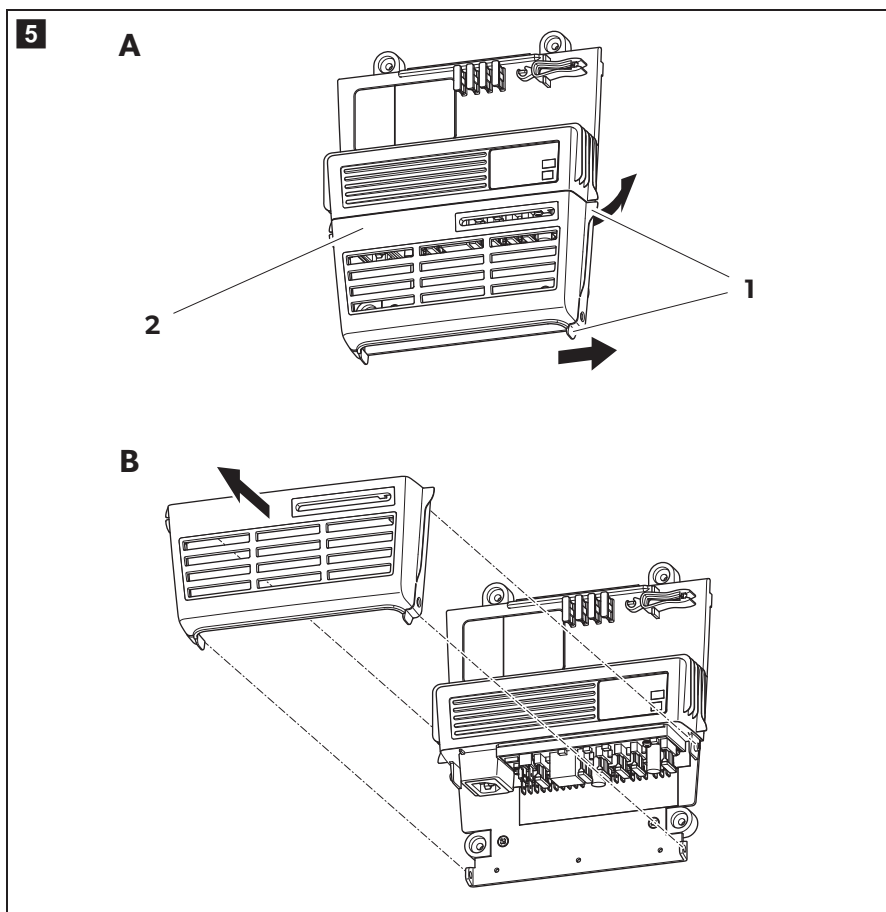
5.2 Replacing the plug-in fuses



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.



- Disconnect all consumer units from the power supply unit.
- Disconnect the power supply unit from the power supply.
- Press the two tabs (fig. **5** 1) in the direction indicated by the arrows and lift the cover off (fig. **5** 2).

- Only replace plug-in fuses which have blown with new plug-in fuses of the type “ATO Type – LITTLEFUSE” and the same rating.
- Re-attach the cover to the power supply unit.
- Put the power supply unit back into operation.
- 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.



6 Maintaining and cleaning the power supply unit



NOTICE!

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

- Clean the power supply unit using a damp cloth as required.

7 Troubleshooting

Error	Cause	Repair
12 V outputs not supplied when unit is operating in mains supply mode.	The plug-in fuse of the associated 12 V output (e.g. fig. 1 1, page 123) is defective. The red LED next to the plug-in fuse lights up.	Replace it with a plug-in fuse of equivalent quality.
	The power supply unit has switched off as a result of the surge protector. The red LED (fig. 4 1, page 127) 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 123) 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.

8 Technical data

	SMP 301-02	SMP 301-03
Ref. no.:	9106504643	9106504717
Design:	without relay	with relay; with external 12 V supply all outputs carry power
Nominal input voltage:	230 V~ 12 V==	
Constant output power:	350 W	
Output voltage:	12.7 V==	
Amperage:	27 A	
Ambient 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:	CE M M DEKRA GS geprüfte Sicherheit VERIFIED EMC SEMKO S Intertek	

	SMP301-07
Ref. no.:	9106505556
Design:	with battery charger
Nominal input voltage:	230 V~ 12 V==
Constant output power:	350 W
Output voltage:	12.7 V==
Amperage:	27 A
Ambient 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:	    Intertek 



^> DOMETIC

WINDOWS & DOORS

WINDOWS



Windows

C8 hinged window

Cassette roller blind 3000

Mini Heki Style

Midi Heki / Skylight

Roller blind DB3 / Easy-adjust blind

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.



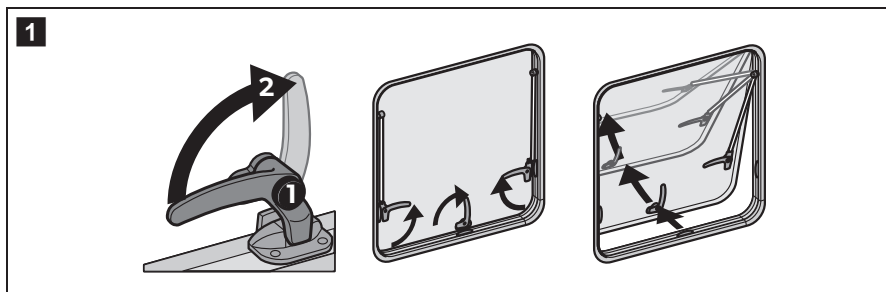
WARNING!

Always keep the wall window closed while driving and while on public roads.



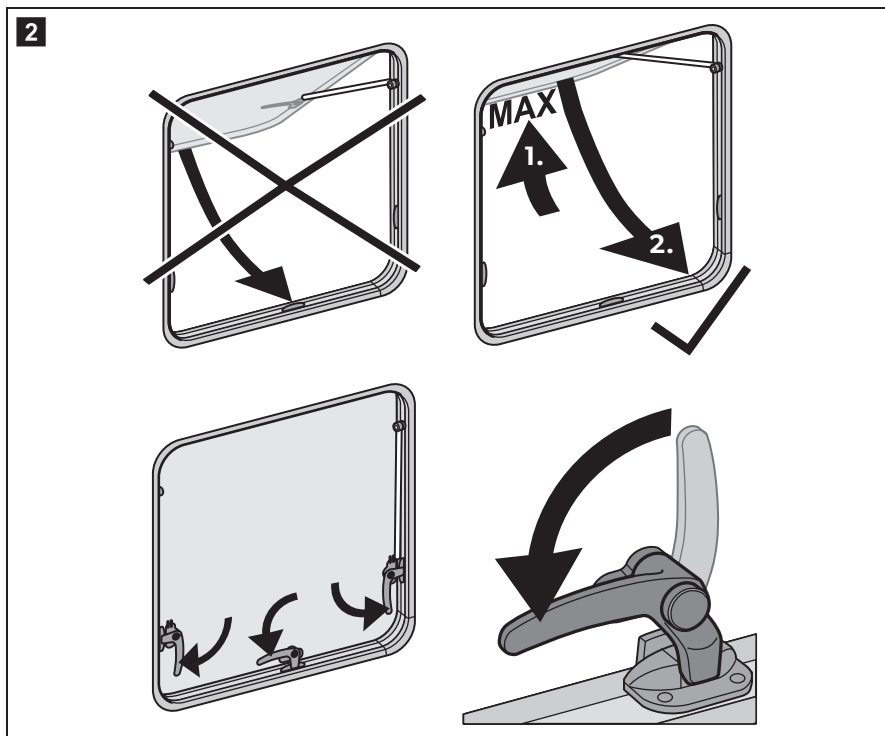
2 Using the wall window

2.1 Opening the wall window



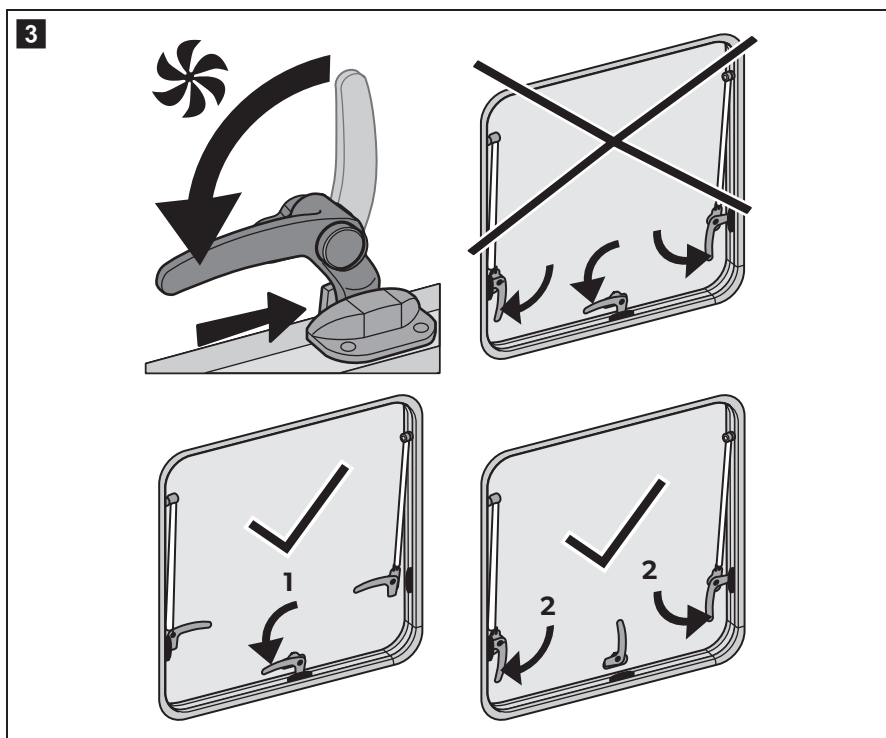
- Press the locking button (1) and turn all latch handles (2) by 90°.
- Tilt the window pane outwards to the desired rest position.

2.2 Closing the wall window



- Open the wall window far enough to release the ratchet.
- Close the wall window.
- 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!**

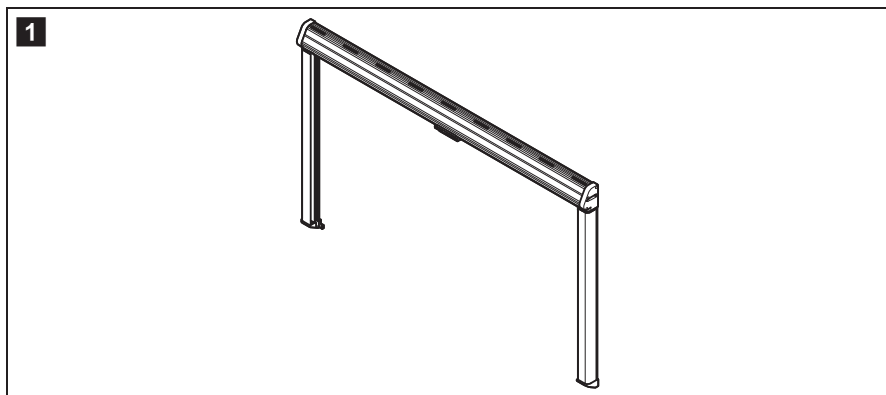
Do not use sharp or hard objects for cleaning as these may damage the window glass.

Only use cleaning agents that are approved by the manufacturer: Acrylic glass polish (ref. no. 9600000128), special polishing cloth (ref. no.9600000130) and acrylic glass cleaning agent (ref. no.9600000129).

- Put talcum powder on the rubber seal.



Cassette roller blind 3000



1 Using the blind

1.1 Closing the 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 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.

- Pull the handle of the insect screen down and hook it in by pressing it lightly against the wall.
- 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 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.



Mini Heki Style roof light

1 Safety instructions



WARNING! Beware 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 people in the vicinity.

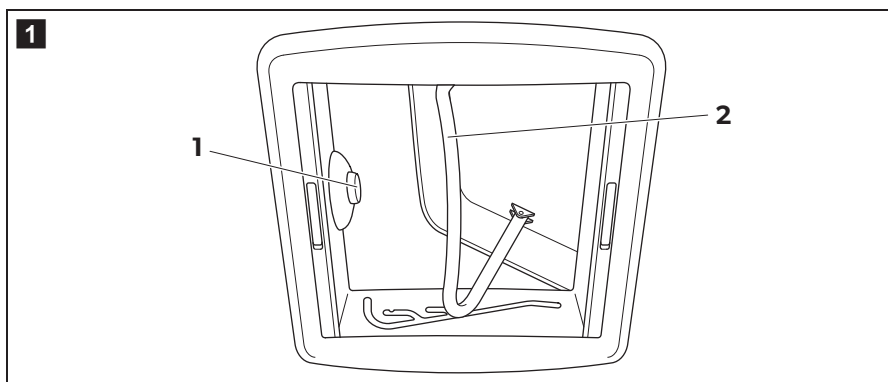
Please note the following:

- 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.



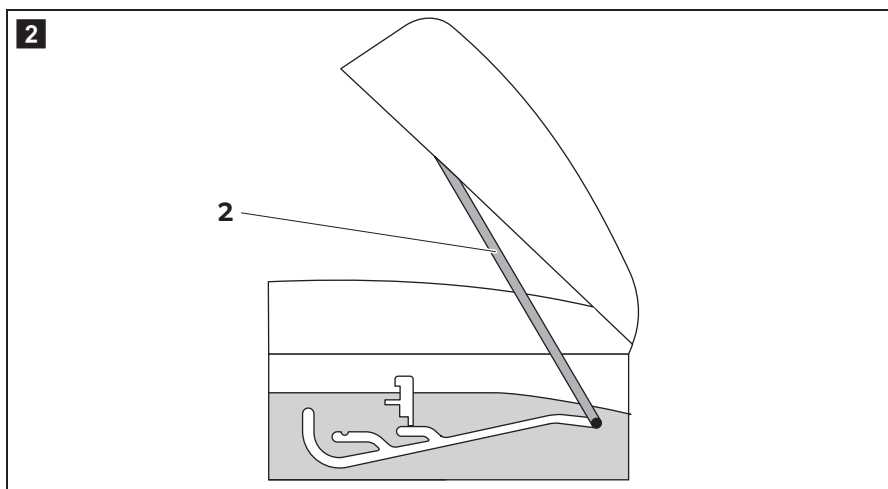
2 Using the Mini Heki Style

2.1 Opening and closing the Mini Heki Style



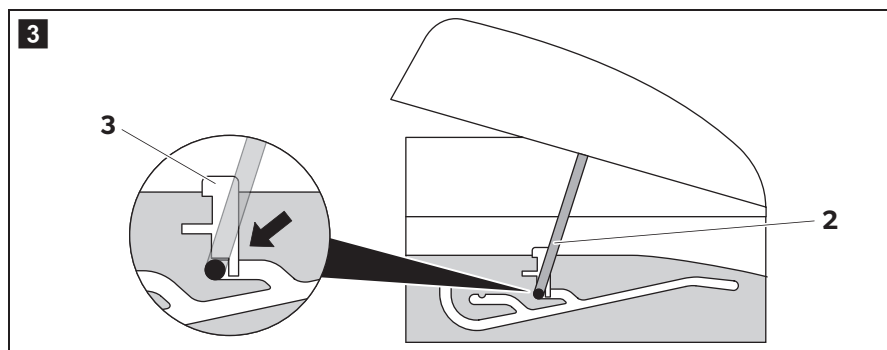
- Press the release button (1), and open the roof hood with the bracket at the same time (2).

Opening the roof light completely



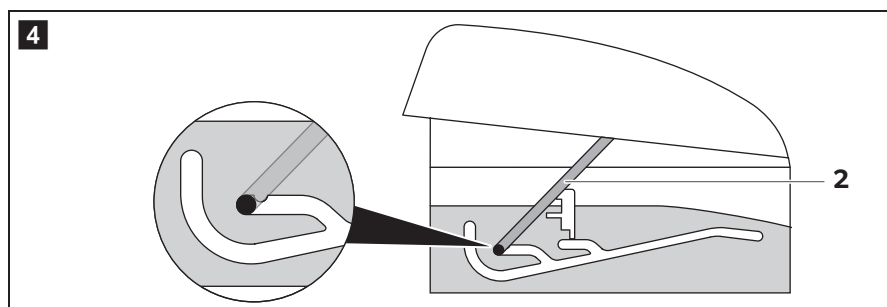
- Slide the bracket (2) into the position shown in fig. 2.

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.

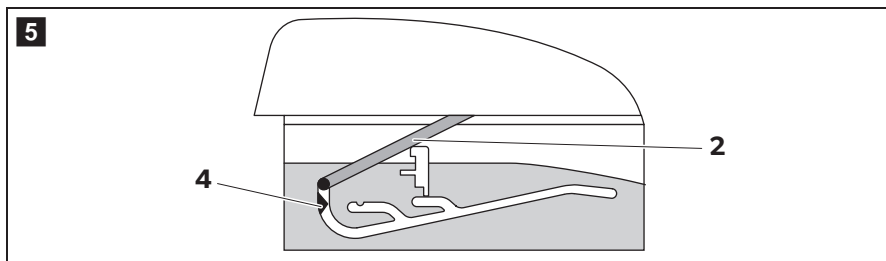
Opening the roof light to the ventilation position



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



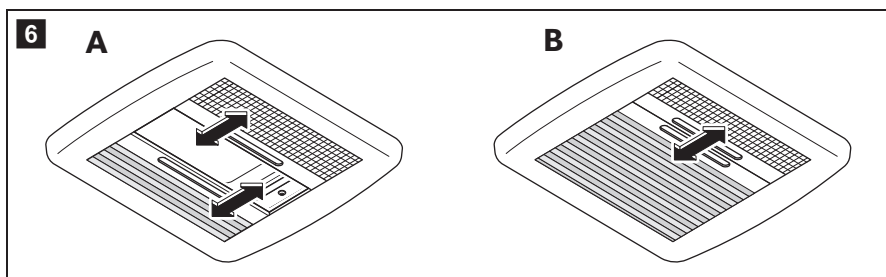
Closing the roof light



- Slide the bracket (2) into the position displayed in fig. 5.
- 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, page 140).



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 the Mini Heki Style

**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.



Midi Heki / Skylight roof light

1 Safety instructions



WARNING! Beware 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 people 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.

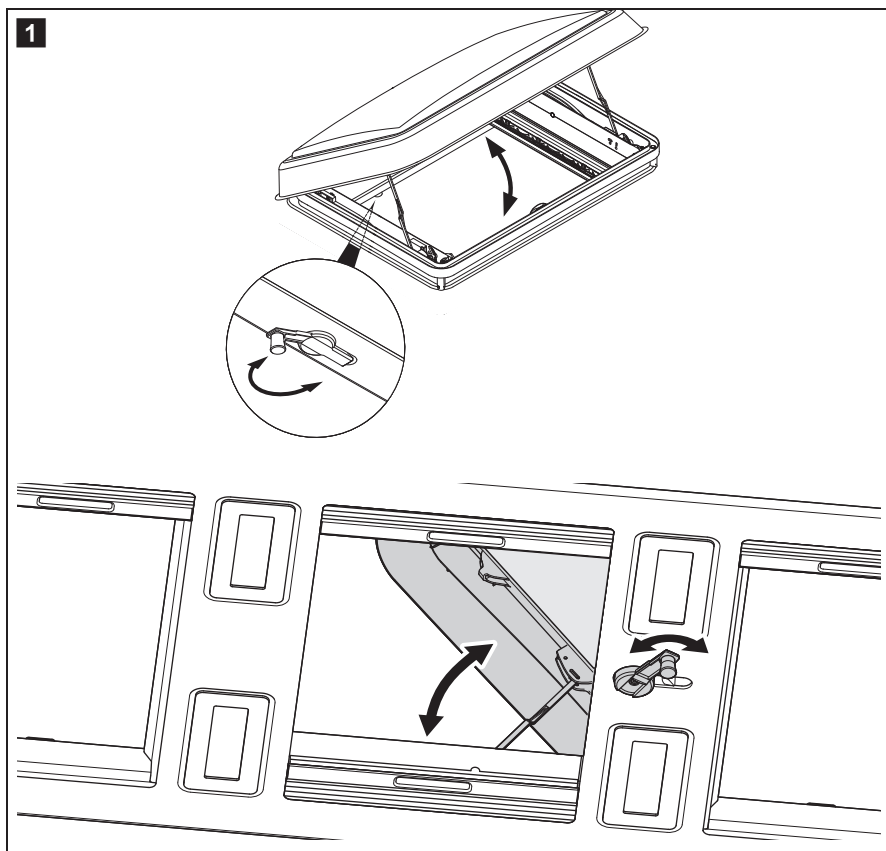


2 Accessories

Description	Ref. no.
Insect screen for winder and electric version	9104100259

3 Using the Midi Heki / Skylight

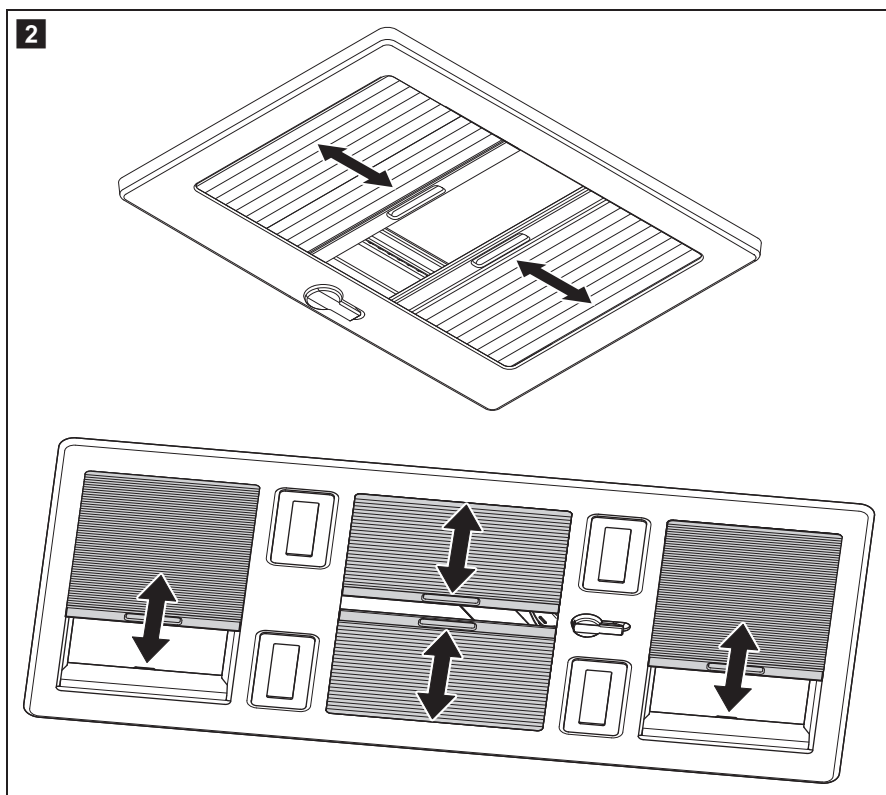
Opening and closing the Midi Heki (fig. 1)



- **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

2



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	Suggested remedy
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 Maintaining and cleaning the Midi Heki / Skylight



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).

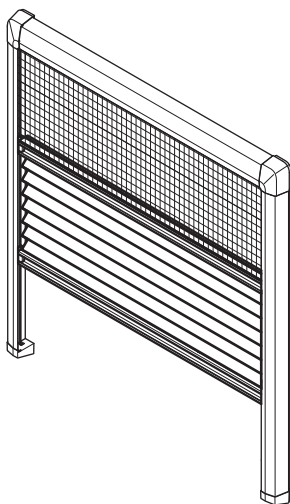
- Clean the roller blind with mild soap and plenty of water.



Roller blind DB3/easy-adjust blind

1 Using the roller blind DB3

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.

- 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



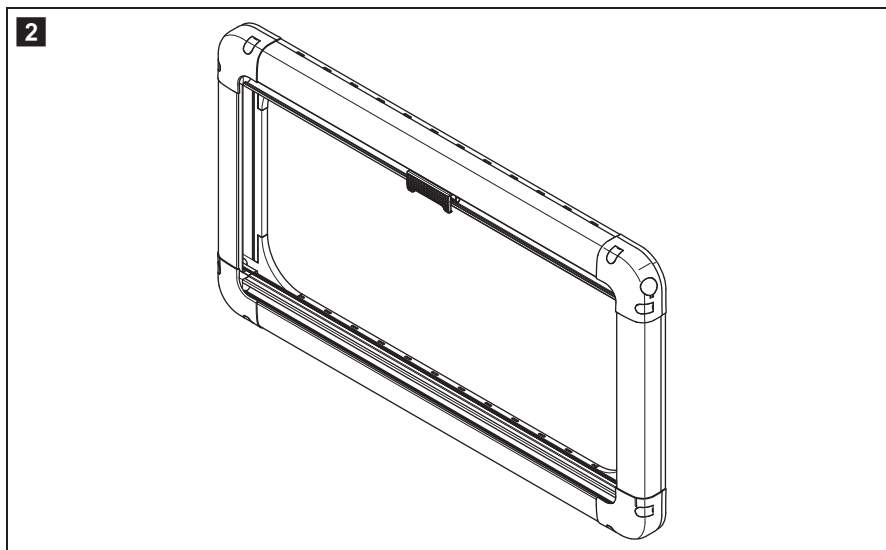
NOTICE! Risk of damage

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.

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

Opening the roller blind

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

- Guide the fly screen back.
Do not let the roller blind spring back.
- 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 blind until the individual honeycombs are pulled apart slightly so that the honeycomb system is ventilated on both sides (as a precaution against mold).



↗ DOMETIC

SAFETY SOLUTIONS

ACCESSORIES



FA25 smoke alarm

Smoke alarm FA 25

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.

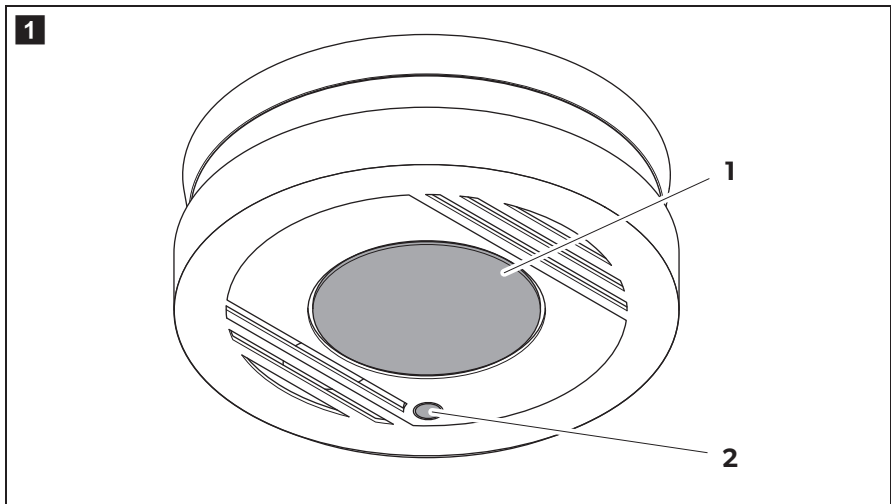


2 Intended use

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	Description
1	TEST/HUSH button
2	LED

4 Using the device



WARNING!

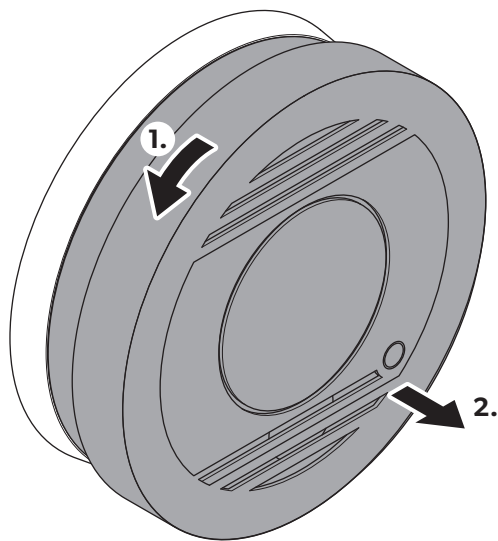
- Familiarize yourself with the sound of the smoke alarm.
- Keep the air vents free.
- Test the smoke alarm weekly (chapter “Testing the smoke alarm” on page 156).
- Replace the smoke alarm every 8 years.



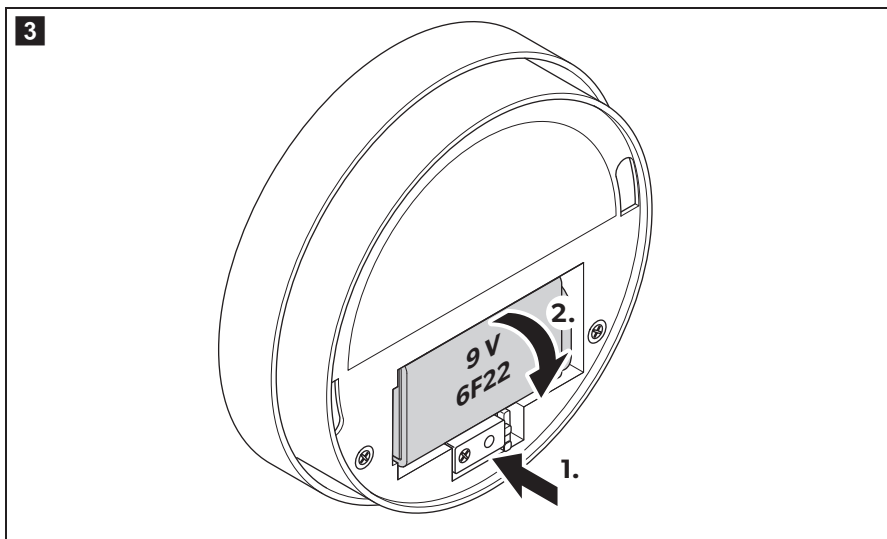
NOTE

- 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.

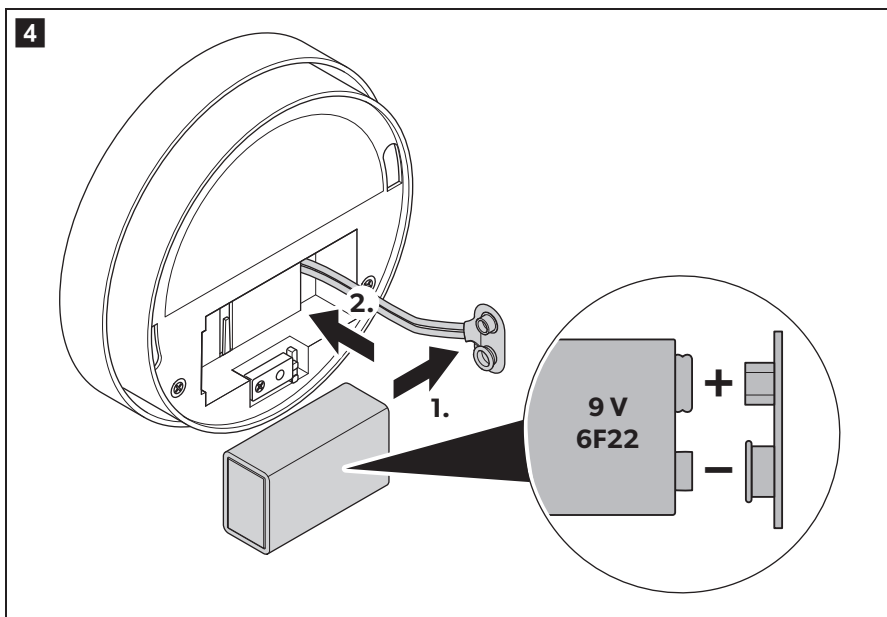
4.1 Replacing the battery

**2**

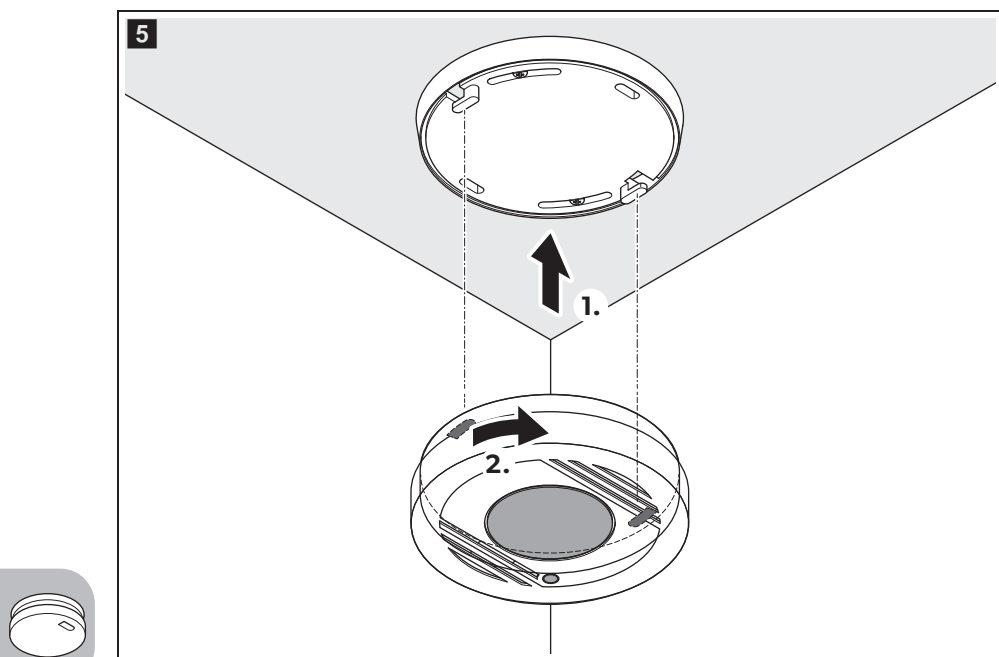
- Loosen the smoke alarm from the base plate (fig. **2**).



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



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



- Reattach the smoke alarm to the base plate (fig. **5**).
- Perform a functional test (chapter “Testing the smoke alarm” on page 156).

4.2 Testing the smoke alarm

- Press the **TEST/HUSH** button until the alarm sounds (fig. **1**1, page 153).
- ✓ The alarm signal sounds.
- Release the test button.
- ✓ The alarm signal stops.

If no alarm signal sounds, proceed as follows:

- Check the charging capacity of the battery.
- Replace the battery if necessary (chapter “Replacing the battery” on page 154).
- ✓ 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:

- 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.

- Do not re-enter the living areas.

If you notice a fire, proceed as follows:

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

If you notice a false alarm, proceed as follows:

- 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.
- 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



Protect the environment!
Do not dispose of any batteries with general household waste.
Return defective or used batteries to your retailer or dispose of them at collection points.



8 Technical data

	FA 25
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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