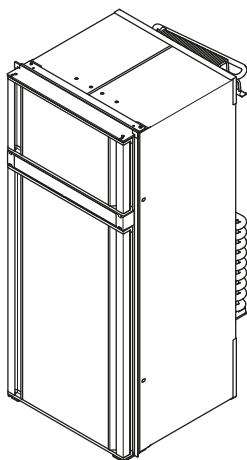


# **DOMETIC**

# **REFRIGERATION**

# **10-SERIES**



**RMD10.5XS, RMD10.5XG, RMD10.5XP**

**EN**

**Absorber refrigerator**

Operating Manual.....3

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## English

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## 1 Important notes

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

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

## 2 Explanation of symbols

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



### **DANGER!**

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



### **WARNING!**

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



### **CAUTION!**

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



### **NOTICE!**

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



**NOTE** Supplementary information for operating the product.

### 3 Safety instructions

#### 3.1 General safety



**DANGER! Electrocutation hazard**

Do not touch exposed cables with your bare hands. This applies especially when operating the device from the AC mains.



**WARNING! Electrocutation hazard**

- > This device may only be repaired by qualified personnel. Inadequate repairs can lead to considerable hazards. Contact an authorized service center in case of repair.
- > If the power cable for this device is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person in order to prevent safety hazards.
- > Plug the device to sockets that ensure proper connection especially when the device needs to be grounded.



**WARNING! Explosion hazard**

Never open the absorber unit. It is under high pressure and can cause injury if it is opened.



**WARNING! Health hazard**

- > This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the device by a person responsible for their safety.
- > Children aged from 3 to 8 years are allowed to load and unload the device.
- > Cleaning and user maintenance shall not be made by children without supervision.
- > Children must be supervised to ensure that they do not play with the device.



**WARNING! Risk of child entrapment**

- > Ensure that the shelves are mounted and secured in such a way that children cannot climb into the device or lock themselves inside. Only remove the shelves for cleaning purposes.
- > Before disposing of your old device:
  - Dismantle the drawers.
  - Leave the shelves in the device so that children cannot climb inside.
  - Take off the doors.



**CAUTION! Risk of injury**

Do not put your fingers into the hinge.



**NOTICE! Damage hazard**

- > The device shall not be exposed to rain.
- > Do not lean on the open device door.
- > Protect the device and the cable(s) against heat and moisture.
- > Never pull the plug out of the socket by the cable.
- > During transport, hold the refrigerator only by the housing. Never hold the refrigerator by the absorber unit, cooling fins, gas pipes, door, or control panel.

### 3.2 Safety when operating the device



#### **WARNING! Electrocution hazard**

- > Do not use the device if the device itself or its connection cables are visibly damaged.
- > Before starting the device, ensure that the power supply cable and plug are dry, and that the plug is free of rust and dirt.



#### **WARNING! Explosion hazard**

- > DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS DEVICE WHILE IT IS IN OPERATION.
- > Do not store any explosive substances, such as aerosol cans with propellants, in the device.



#### **CAUTION! Health hazard**

- > Keep ventilation openings, on the device and in its enclosure or in the built-in structure, clear of obstruction.
- > Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- > Do not open or damage the refrigerant circuit under any circumstances.
- > Do not use electrical devices inside the device unless they are recommended by the manufacturer for that purpose.
- > If the device is left empty for long periods:
  - Switch off the device.
  - Defrost the device.
  - Clean and dry the device.
  - Leave the door(s) open to prevent mold developing within the device. If available, put the door(s) into the storage position.



#### **CAUTION! Risk of injury**

- > DO NOT USE OR STORE FLAMMABLE MATERIALS IN OR NEAR THIS DEVICE.
- > DO NOT PLACE ARTICLES ON OR AGAINST THIS DEVICE.
- > DO NOT MODIFY OR ADAPT ANY OF THE COMPONENTS IN ANY WAY.
- > Close and latch the device door before beginning a journey.
- > The cooling system at the back of the device becomes very hot during operation. If the device is equipped with ventilation grilles, protect yourself from contact with hot parts when removing the ventilation grilles.



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

- > Only select operation with DC power supply if the vehicle engine is running and providing sufficient voltage, or if you are using a battery monitor.
- > If present, keep the condensate drain clean at all times.
- > If the device has ventilation grilles, do not use a high-pressure cleaner near the ventilation grille when cleaning the vehicle.
- > **Danger of overheating!** Always ensure sufficient ventilation so that the heat generated during operation can dissipate. Ensure that the device is sufficiently far away from walls and other objects so that the air can circulate.
- > Do not fill the interior with ice or fluid.



**NOTE** If the battery management system of your vehicle shuts down the device to protect the battery, contact your vehicle manufacturer.

### 3.3 Safety when operating with gas

The gas installation must comply with national and local regulations including AS/NZS 5601.2 – Gas installations.



#### **WARNING! Explosion hazard**

- > **Only** operate the device at the pressure shown on the data plate. Only use pressure controllers with a fixed setting which comply with the national regulations.
- > **Only** operate the device on gas while driving if the vehicle manufacturer permits operation of the gas system while driving (see vehicle 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 motor 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 valve and the cylinder valve.
  - Open all windows and leave the room.
  - Do not operate any electrical switches.
  - Extinguish all open 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.



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

Only use universal LPG gas, **not** natural gas (see data plate).



**NOTE** At altitudes above 1000 m, ignition problems may occur. Switch to a different energy source.

## 4 Scope of delivery

| Description             | Quantity |
|-------------------------|----------|
| Absorption refrigerator | 1        |
| Drain water hose        | 1        |
| Sealing strip           | 1        |
| Installation manual     | 1        |
| Operation manual        | 1        |
| Quick Start Guide       | 1        |

## 5 Accessories

Available as an accessories (not included in the scope of delivery):

## Description

Gas flue kit 3776

Roof vent kit

## 6 Intended use

The refrigerator is intended for:

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

The refrigerator is **not** suitable for:

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

This refrigerator is **not** intended for commercial, retail or household applications.

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

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

Optimum cooling performance is provided at a maximum humidity of 90 % and at ambient temperatures between:

Climate class SN: 10 ... 32°C

Climate class T: 16 ... 43°C

## 7 Technical description

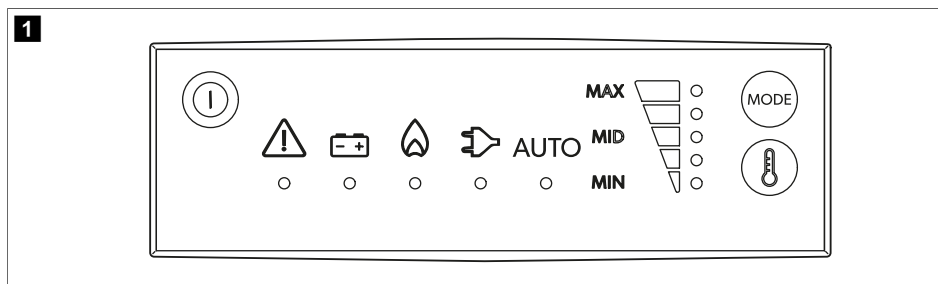
The refrigerator is an absorber refrigerator and is designed for operation:

- 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.

### 7.1 Control and display elements

All models



The **LED display** features the following operating and display elements:

| Symbol | Description                  |
|--------|------------------------------|
|        | ON/OFF button                |
|        | Operating with AC power      |
|        | Operating with DC power      |
|        | Operating with gas           |
|        | Fault indication             |
| AUTO   | Automatic mode               |
|        | Temperature indication       |
|        | Energy selection button      |
|        | Temperature selection button |

## 8 Operation

### 8.1 Before first use



#### NOTE

- Do not store goods in the refrigerator for the first 4 h after start-up.
- 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.
- 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 the door is opened

- > Clean the inside of the refrigerator for hygienic reasons (see chapter *Cleaning* on page 19).
- > Park the vehicle so that it is level, especially when starting up and filling the refrigerator before setting off on a journey.

### 8.2 Tips for optimal refrigerator operation

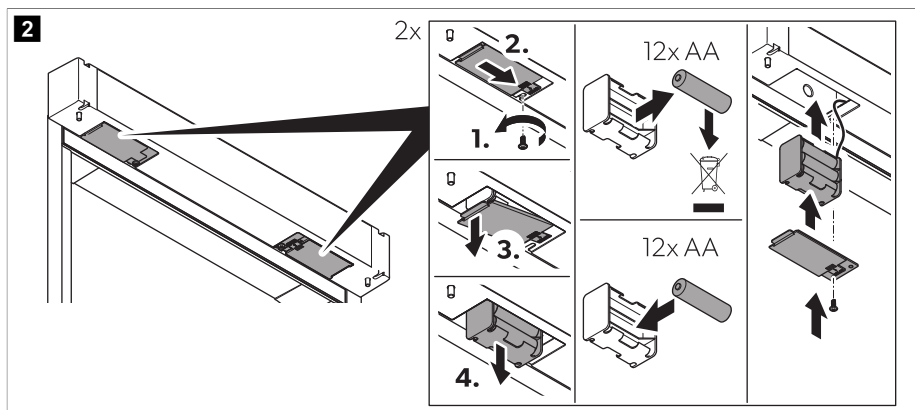
- Protect the interior of the vehicle from warming up excessively (e.g. sunshades in the windows, air conditioner).
- Protect the refrigerator from direct sunlight (e.g. sunshades in the windows).

### 8.3 Inserting or replacing batteries

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

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

- > Insert the batteries as shown.



## 8.4 Information on storing food



### CAUTION! Health hazard

- > If the refrigerator is exposed to an ambient temperature below 10°C for an extended period of time, regulation of the frozen compartment temperature can no longer be guaranteed. That may cause the temperature of the frozen compartment to increase and the stored goods to be defrosted.
- > Ensure that foodstuffs do not touch the walls of the cooling area.
- > Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with and cannot drip onto other food.



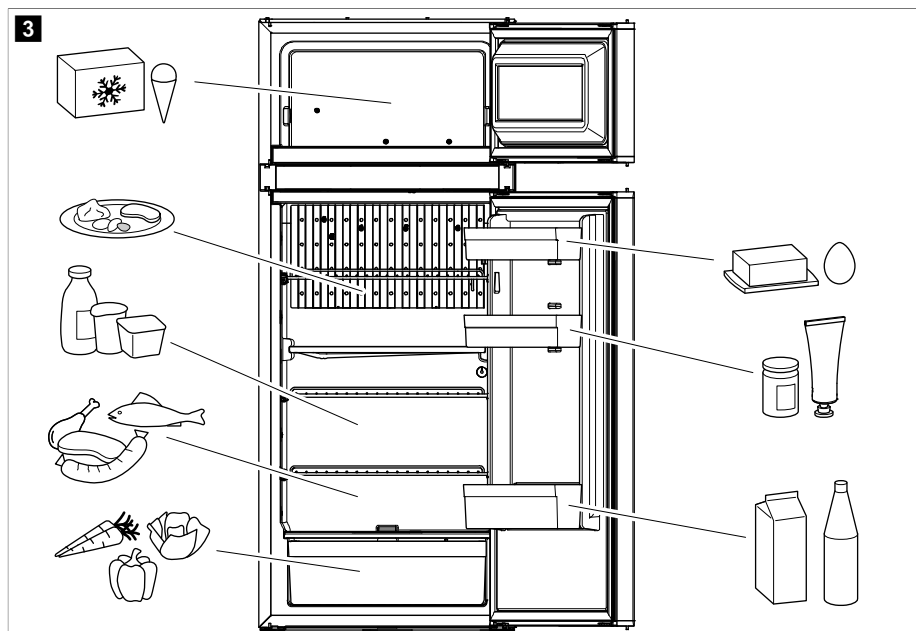
### NOTICE! Damage hazard

- > Store heavy objects such as bottles or cans only in the refrigerator door, in the vegetable compartment or on the bottom shelf. Observe the maximum load per door shelf and door when filling the refrigerator (see chapter Technical data on page 29).
- > Do not keep carbonated drinks in the frozen compartment.

To avoid food waste, note the following:

- Keep temperature fluctuation as low as possible. Only open the refrigerator as often and for as long as necessary to avoid a significant increase of the temperature in the compartments of the refrigerator. Store the foodstuff in such a way that the air can still circulate well.
- Check if the cooling capacity of the refrigerator is suitable for the food you want to cool.
- Ensure to put only items in the refrigerator which may be chilled at the selected temperature.
- If the temperature can be adjusted: Adjust the temperature to the quantity and type of the foodstuff.
- Store the different foodstuff types as shown in the figures.
- Foodstuff can easily absorb or release odor or taste. Always store foodstuff covered or in closed containers/bottles.

- > Store food as shown (  Fig. 3 on page 10).



#### 8.4.1 Using the fresh storage compartment

**RMD10.5XS, RMD10.5XP**



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

Observe the maximum load capacity of the fresh storage compartment (see chapter Technical data on page 29).

- > Use the slider to regulate the humidity in the fresh storage compartment:

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

#### 8.5 Operation at high ambient temperatures

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

## 8.6 Switching on the refrigerator

- > Press the  button for 2 s .
- ✓ The refrigerator starts with the last selected settings.

## 8.7 Switching off the refrigerator

- > Press the  button for 4 s .
- ✓ A beep sounds and the refrigerator switches off.

## 8.8 Making settings

- > Press  repeatedly, until the LED indicates the desired operating mode.
- > Press  repeatedly, until the desired temperature level is set.

## 8.9 Tank stop mode



### **WARNING! Explosion hazard**

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

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 min . After that, the refrigerator automatically switches back to automatic mode.

In tank stop mode

- All models: The  LED flashes.

## 8.10 Stand-alone gas operation (optional)



### **WARNING! Explosion hazard**

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  $\varnothing$  2.5 / 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 (accessories) must be installed. This make connecting to AC or DC power unnecessary.

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

Note the following special features for stand-alone gas mode:

- The interior lighting of the refrigerator remains switched off.
- The display turns off 2 s after the last activity.
- The display switches on briefly every 15 s . This indicates that the refrigerator is on.
- If there are error messages, the display stays switched on.

Stand-alone gas mode is indicated by

- All models: The  LED flashing every 15 s .

The batteries of the battery packs must be replaced when

- All models: The error   is displayed.

## 8.11 Fan operation (optional)

For fan operation the optional fan kit (accessories) must be installed.

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

- When the ambient temperature is above 32°C.
- When the set cooling temperature is not reached within 2 hours.
- **RMD10.5G, RMD10.5XG:** When the fan function is activated.



### NOTE

- **All models:** The fan function is always activated and can **not** be deactivated.

## 8.12 Setting the cooling capacity



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

- > **All models:** Press **8** repeatedly until the desired temperature level is selected.

## 8.13 Using the refrigerator door(s)



### CAUTION! Risk of injury

The device door(s) can completely detach from the device if used incorrectly. Push the door(s) closed until you hear a clear click at the door latches.



### NOTICE! Damage hazard

- > Do not open the door further than an angle of 90°.
- > Do not lean on the open device door.

### 8.13.1 Closing and locking the refrigerator door(s)

#### All models



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

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

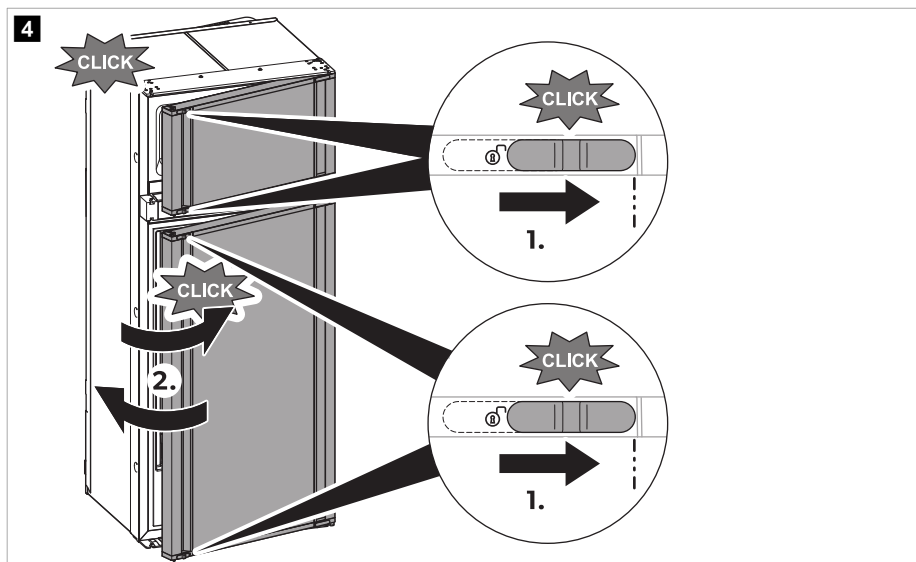
### 8.13.2 Releasing the refrigerator door(s)

**RMD10.5XS, RMD10.5XG**

- > Release the refrigerator door as shown.



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

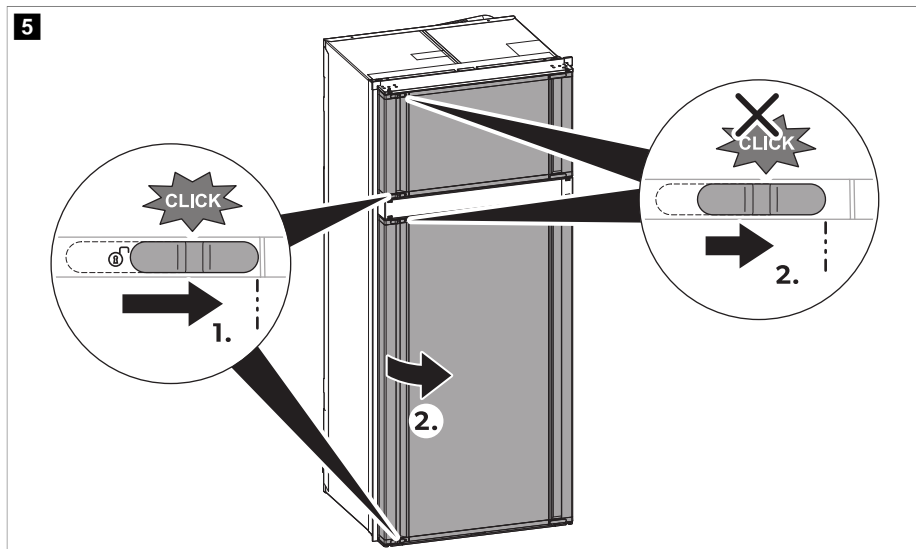


### 8.13.3 Securing the refrigerator door(s)

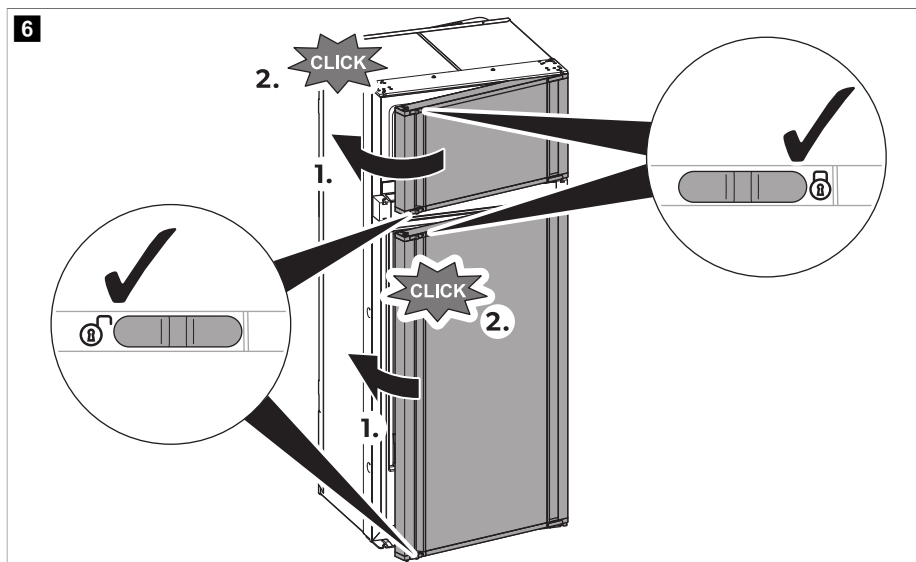
RMD10.5XS, RMD10.5XG

**Securing the refrigerator door at the top automatically**

> Release and open the refrigerator door as shown.

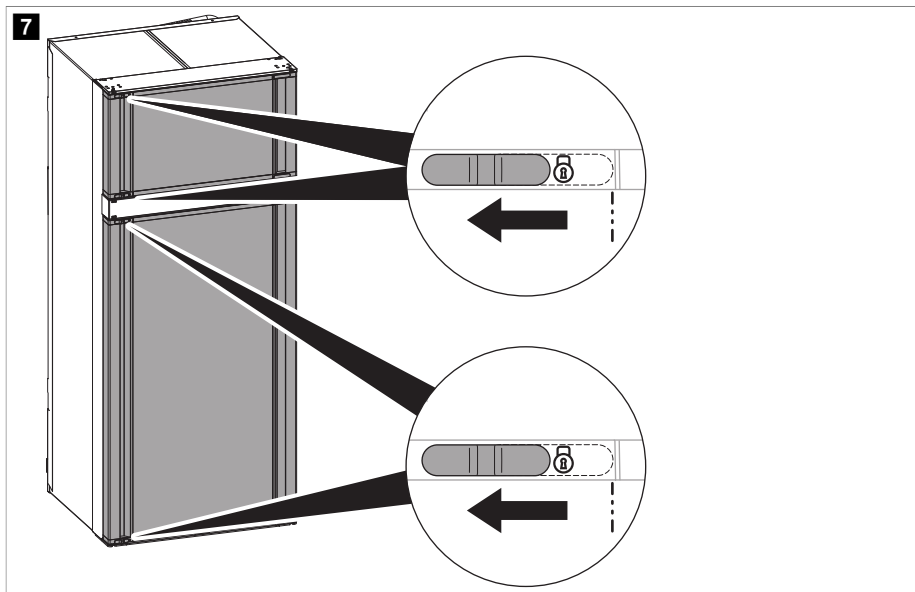


✓ The refrigerator door is automatically secured at the top after closing.



### Securing the refrigerator door before driving off

> Secure the refrigerator door as shown.



#### 8.13.4 Positioning the refrigerator door into storage position



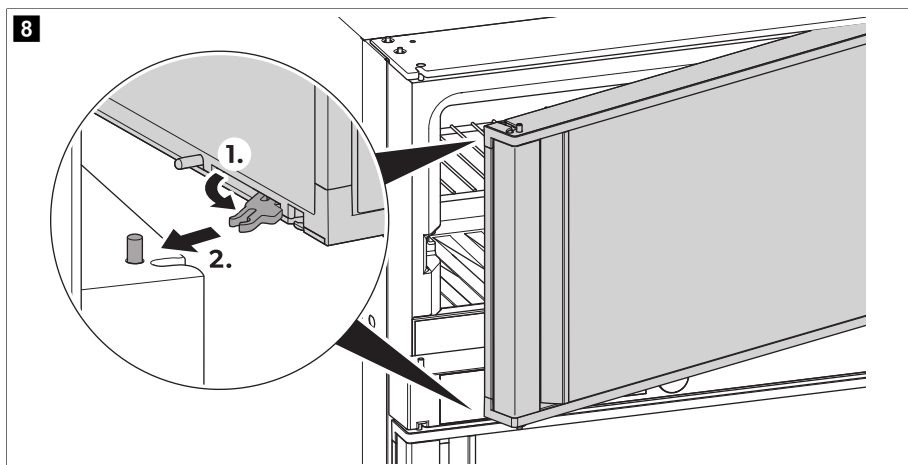
##### **CAUTION! Risk of injury**

The storage position may **not** be used while driving.

Put the refrigerator door(s) into the storage position if you are not going to use the refrigerator for an extended period of time. This prevents mold from forming.

1. Defrost the refrigerator (see chapter Defrosting the refrigerator on page 20).

2. Turn the hook near the securing mechanism all the way at the top and bottom of one side of the door.



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

### Opening the door when in storage mode

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

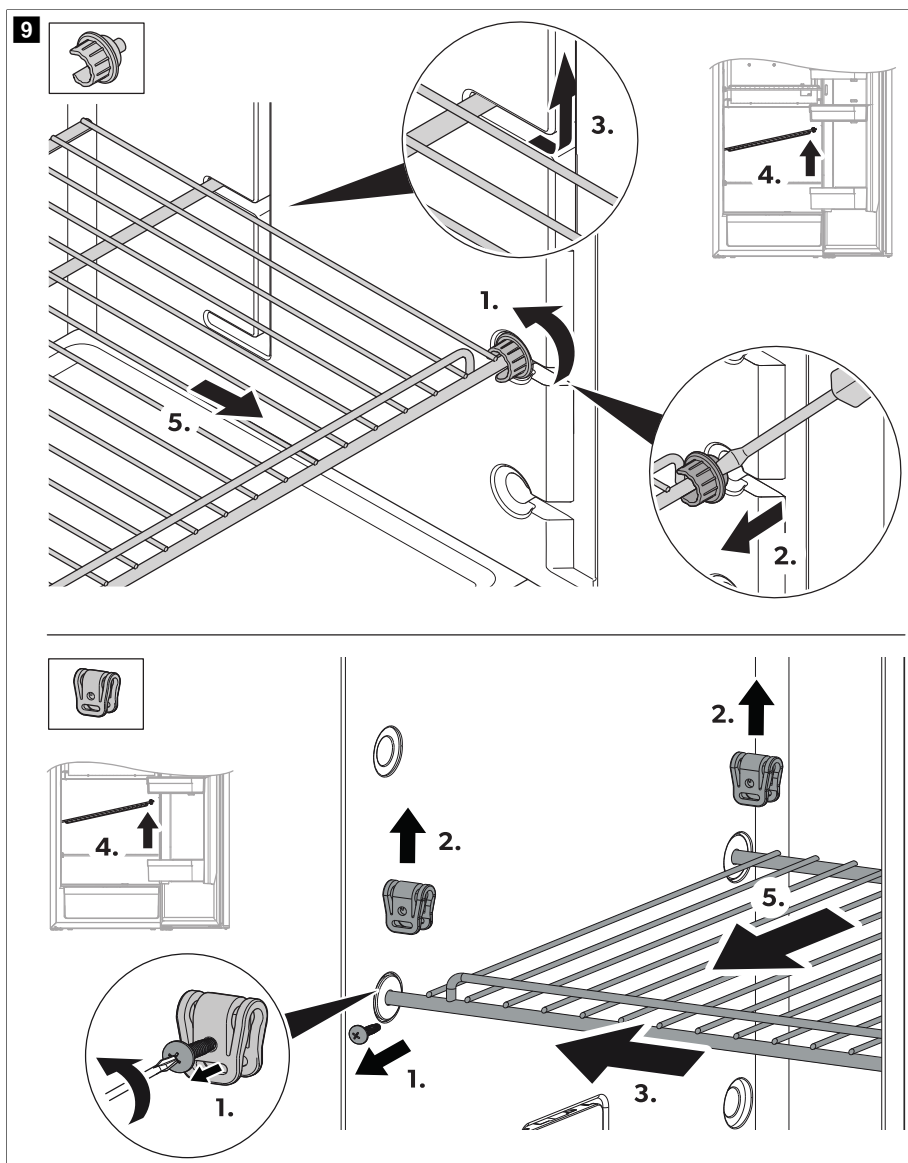
### 8.14 Positioning the shelves



#### **WARNING! Risk of child entrapment**

Ensure that the shelves are mounted and secured in such a way that children cannot climb into the device or lock themselves inside. Only remove the shelves for cleaning purposes.

1. Remove the shelf as shown.



2. Re-install the shelf in the reverse order.

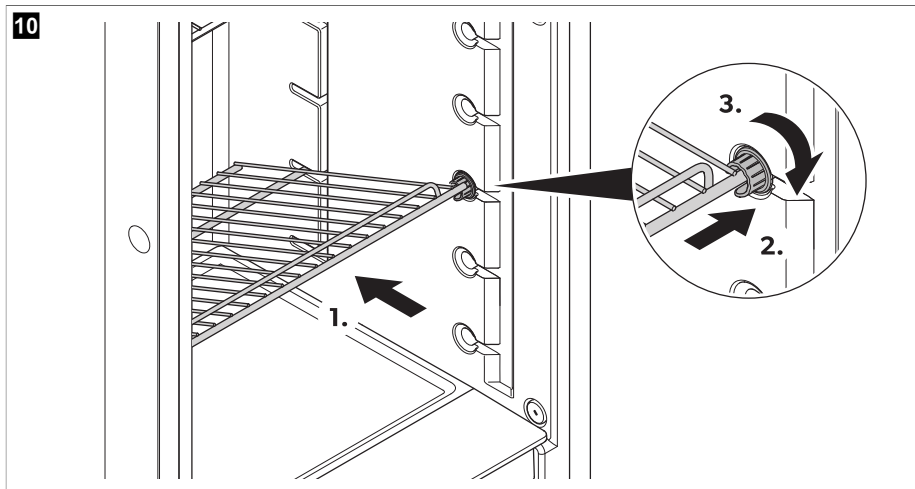
## Positioning the shelf at an angle for bottles



### NOTICE! Damage hazard

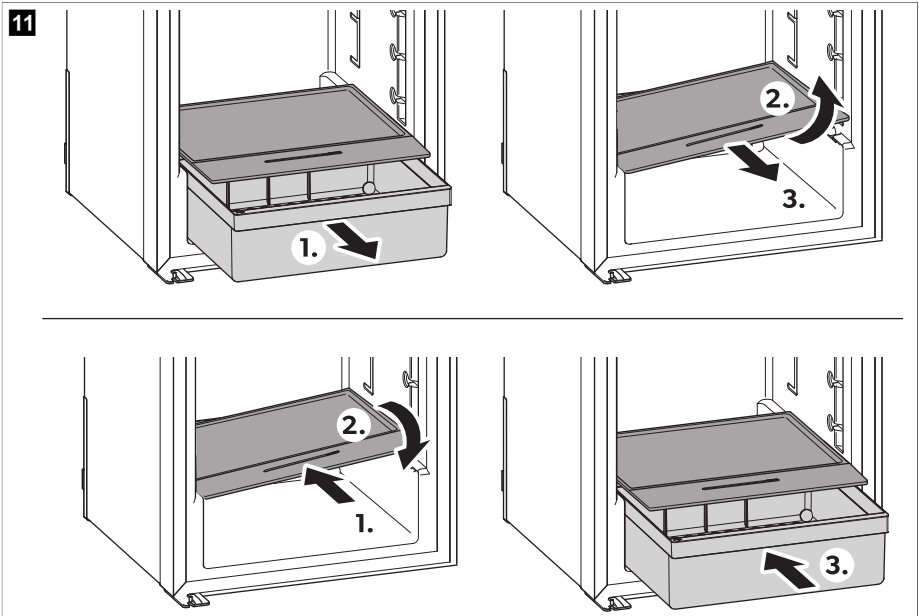
While driving, the shelf in the angled position must **not** be filled.

- > Change the position of the shelf as shown.



### 8.15 Removing and inserting the fresh storage compartment

- > Remove and insert the fresh storage compartment as shown.



## 9 Cleaning



#### **WARNING! Electrocution hazard**

Always disconnect the device from the power supply before cleaning and servicing it.



#### **CAUTION! Health hazard**

Clean regularly surfaces that can come in contact with food and accessible drainage systems.



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

- > Do not use abrasive cleaning agents or hard objects during cleaning.
- > Never use hard or sharp tools to remove ice or to free frozen objects.
- > Ensure that no water drips into the seals. This can damage the electronics.
- > Attach the winter covers of the ventilation grille (accessories) when the vehicle is cleaned from the outside or not used for a prolonged period of time.



**NOTE** Remove the shelves and the fresh storage compartment if necessary to thoroughly clean the interior of the refrigerator (see chapters [Positioning the shelves on page 16](#) and [Removing and inserting the fresh storage compartment on page 19](#)).

- > Clean the interior and exterior of the refrigerator regularly and as soon as it becomes dirty with a damp cloth. 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.

- > Clean dust and dirt from the condenser regularly with a damp cloth.
- > Check that the ventilation grilles in the outer wall of the recreational vehicle and the roof vent of the refrigerator are always free of dust and dirt. This ensures that the heat generated during operation can be dissipated. If the heat cannot be dissipated via the ventilation grilles, the cooling capacity of the refrigerator will be reduced and the refrigerator may be damaged.
- > Clean the gas burner regularly (see chapter *Cleaning the gas burner* on page 21). Dirt in the gas burner is indicated by poor ignition or deflagrations.

The manufacturer recommends cleaning the burner after not being used for a longer period of time 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.

## 9.1 Defrosting the refrigerator



### **CAUTION! Health hazard**

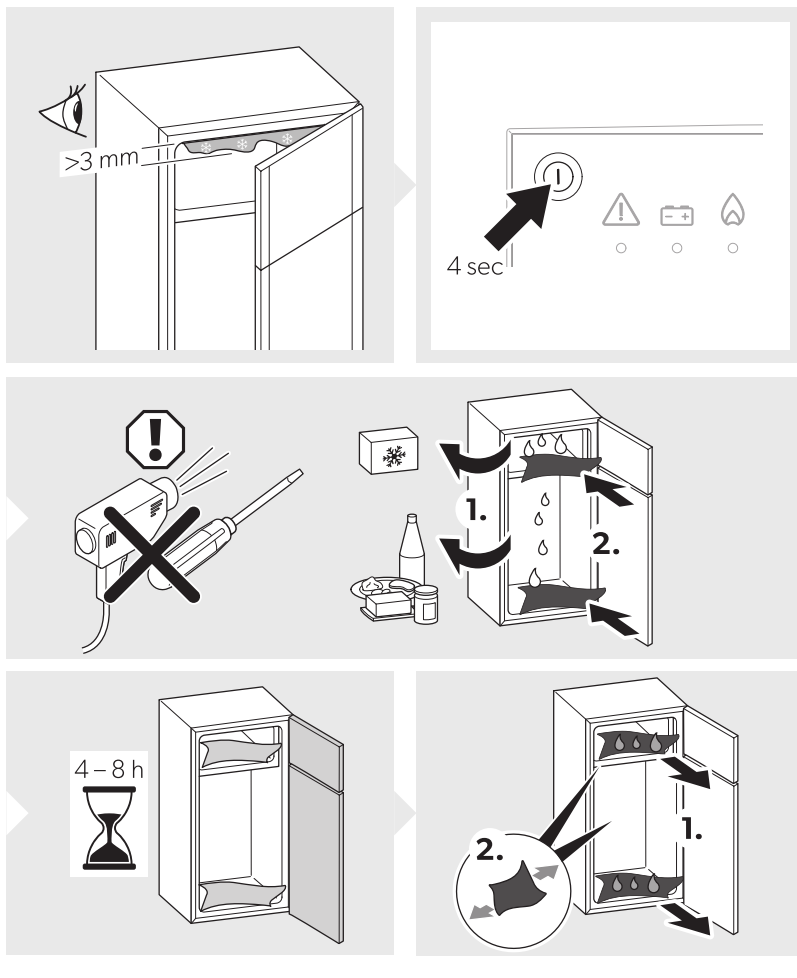
Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.



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

- > Defrost the refrigerator as shown.

12



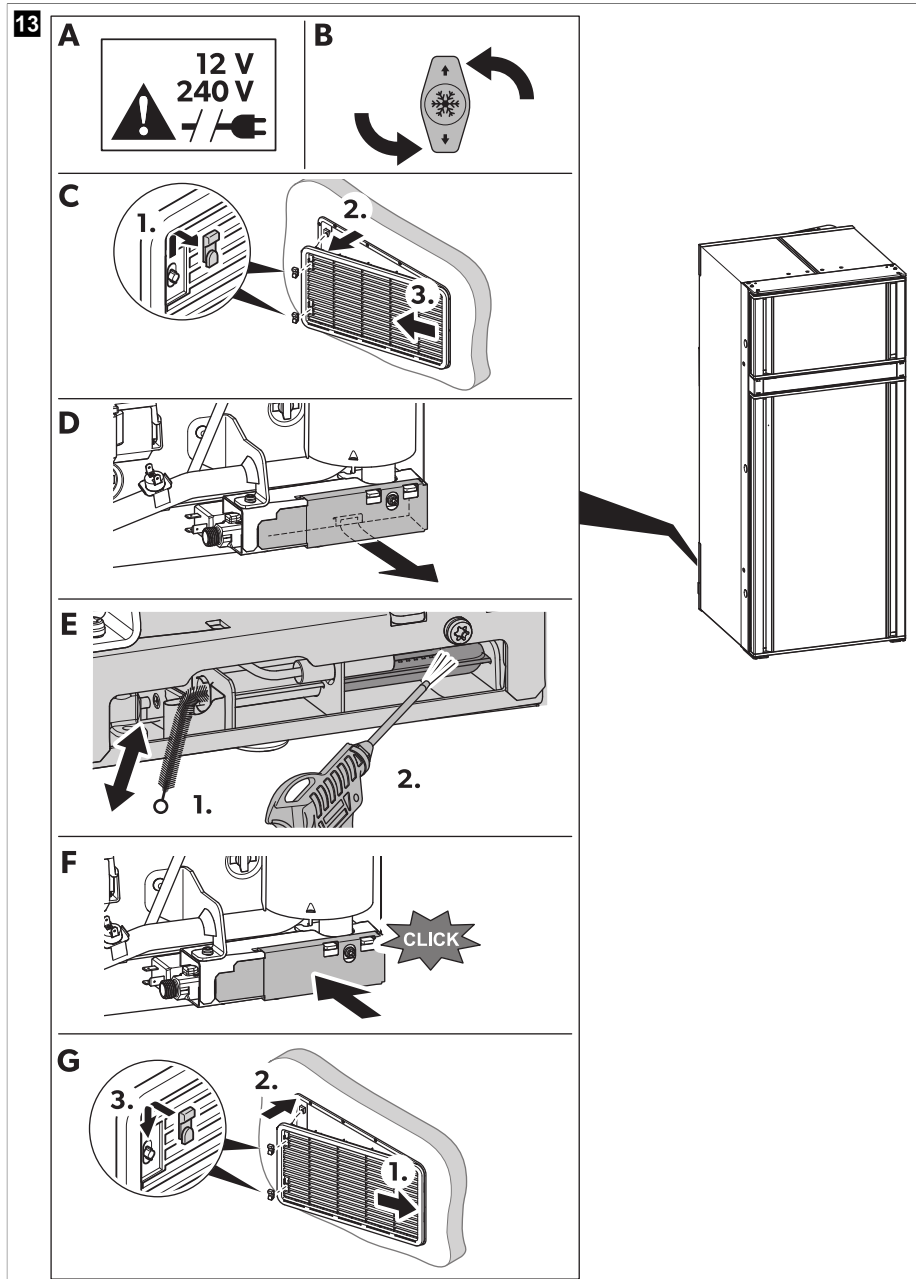
## 9.2 Cleaning the gas burner



### **WARNING! Burn hazard**

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

- > Clean the gas burner as shown.



## 10 Maintenance



### **WARNING! Electrocution hazard**

Always disconnect the device from the power supply before cleaning and servicing it.



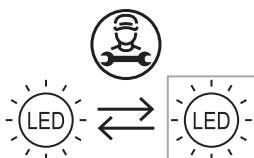
### **NOTICE! Damage hazard**

Attach the winter covers of the ventilation grille (accessories) when the vehicle is cleaned from the outside or not used for a prolonged period of time.



### **NOTICE! Damage hazard**

The light source can only be replaced by the manufacturer, a service agent or a similarly qualified person to avoid hazard.



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.

### 10.1 Refrigerant circuit

The refrigerant circuit is maintenance-free.

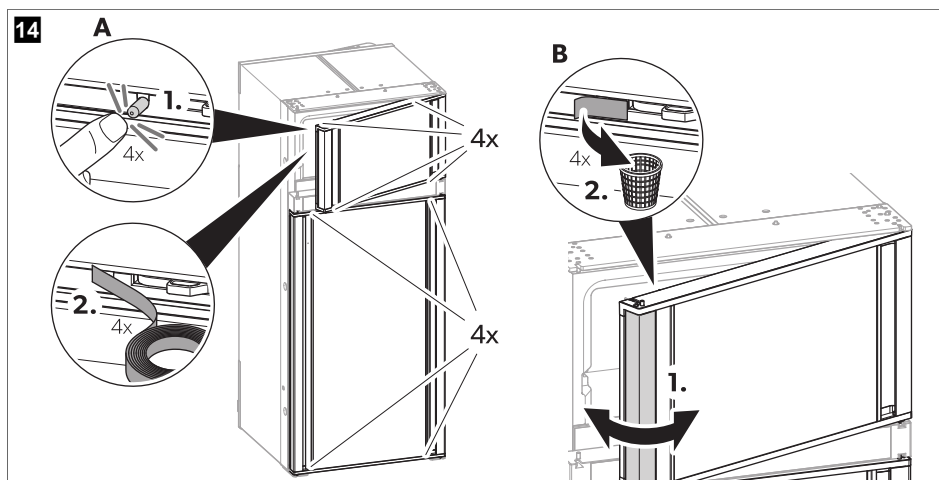


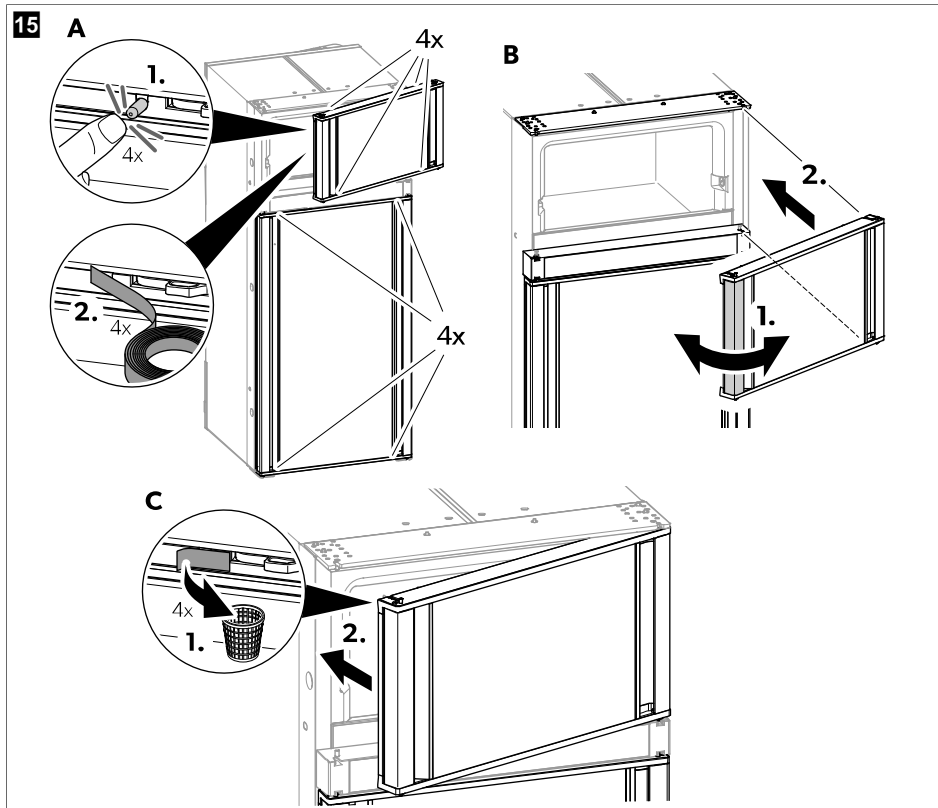
**NOTE** To safely operate 12 V consumer units in the caravan while driving, it must be ensured that the towing vehicle provides sufficient voltage. On some vehicles, the battery management system may automatically switch off the consumer units to protect the battery. Ask your vehicle manufacturer for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

| Problem                                                      | Possible cause                                       | Suggested remedy                              |
|--------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------|
| <b>With AC operation:</b><br>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 service agent.        |

| Problem                                                                                                                   | Possible cause                                             | Suggested remedy                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>With DC operation:</b><br>The refrigerator does not work.                                                              | The fuse in the DC cable is defective.                     | > Contact an authorized service agent.<br><br>The fuse on the relay must be replaced.                                                                                                                                |
|                                                                                                                           | The vehicle fuse has blown.                                | > Replace the vehicle fuse. (Refer to the operating manual of your vehicle.)                                                                                                                                         |
|                                                                                                                           | The vehicle battery is discharged.                         | > Test the battery and charge it.                                                                                                                                                                                    |
|                                                                                                                           | The ignition is not switched on.                           | > Switch on the ignition.                                                                                                                                                                                            |
|                                                                                                                           | The DC heating element is defective.                       | > Contact an authorized service agent.                                                                                                                                                                               |
| <b>With gas operation:</b><br>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.<br>> If available, switch on the stove and repeat the process with the refrigerator if necessary.                 |
| <b>In automatic mode:</b><br>The refrigerator is being operated with gas although it is connected to the AC power supply. | The mains voltage is too low.                              | > (No action required)<br><br>The refrigerator automatically switches back to AC power supply as soon as the mains voltage is sufficient again.                                                                      |
| The refrigerator is not adequately cooling.                                                                               | The ventilation around the cooling unit is not sufficient. | > Check that the ventilation grille is not obstructed.                                                                                                                                                               |
|                                                                                                                           | The evaporator is iced up.                                 | > Check whether the refrigerator door closes properly.<br>> Ensure that the refrigerator seal fits correctly and is not damaged.<br>> Defrost the refrigerator (see chapter Defrosting the refrigerator on page 20). |
|                                                                                                                           | The temperature is set too high.                           | > Set a lower temperature.                                                                                                                                                                                           |
|                                                                                                                           | The ambient temperature is too high.                       | > Remove the ventilation grille for a while so that warm air can escape quicker.                                                                                                                                     |
|                                                                                                                           | Too much food was placed in the refrigerator at once.      | > Remove some of the food.                                                                                                                                                                                           |

| Problem                                                                            | Possible cause                                             | Suggested remedy                                                             |
|------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------|
|                                                                                    | Too much warm food was placed in the refrigerator at once. | > 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.                      |
| Refrigerator door/frozen compartment door does not close.                          | The door handle is blocked on the opened side.             | > Remove the door handle blockage (▶ Fig. 14 on page 25).                    |
| Refrigerator door/frozen compartment door has completely detached from the device. | The locking pins have been tampered with or are twisted.   | > Reinsert the door (▶ Fig. 15 on page 26).                                  |





### 11.1 Fault messages and signal tones

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

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

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.

| Error message                                                                       | Fault                                                        | Solution                                                                               |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------|
|  | Defective temperature sensor in the refrigerator compartment | <ul style="list-style-type: none"> <li>Contact an authorized service agent.</li> </ul> |

| Error message                                                                                                                                                          | Fault                                               | Solution                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                       | AC power not connected or AC voltage $\leq$ 190 V   | <ul style="list-style-type: none"> <li>Connect the refrigerator to AC power or select a different energy type, e.g. gas or DC power.</li> </ul> |
|                                                                                       | DC power not connected                              | <ul style="list-style-type: none"> <li>Connect the refrigerator to DC power or select a different energy type, e.g. gas or AC power.</li> </ul> |
| <br> | DC overvoltage ( $\geq$ 16 V)                       | <ul style="list-style-type: none"> <li>Contact an authorized service agent.</li> </ul>                                                          |
|                                                                                       | Tank stop mode: Gas operation is blocked for 15 min | <ul style="list-style-type: none"> <li>Wait 15 min or switch to another operating mode.</li> </ul>                                              |
| Beep                                                                                                                                                                   | The door is opened for more than 2 min .            | <ul style="list-style-type: none"> <li>Close the door.</li> </ul>                                                                               |

### ERROR type fault messages

All faults of the ERROR type must be reset manually:

> Press the  for 2 s .

✓ A beep sounds. The error has been reset.

| Error message                                                                                                                                                              | Fault                                          | Solution                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                           | No connection between power module and display | <ul style="list-style-type: none"> <li>Contact an authorized service agent.</li> </ul>                                                                                                                              |
| <br>     | No cooling capacity in gas mode                | <ul style="list-style-type: none"> <li>Check if the device is at an angle and adjust it if necessary.</li> <li>Reset the error.</li> <li>ontact an authorized service agent if this error occurs again.</li> </ul>  |
| <br> | No cooling power in AC mode                    | <ul style="list-style-type: none"> <li>Check if the device is at an angle and adjust it if necessary.</li> <li>Reset the error.</li> <li>Contact an authorized service agent if this error occurs again.</li> </ul> |
| <br> | No cooling power in DC mode                    | <ul style="list-style-type: none"> <li>Check if the device is at an angle and adjust it if necessary.</li> <li>Reset the error.</li> <li>Contact an authorized service agent if this error occurs again.</li> </ul> |
| <br> | Gas valve test error                           | <p>Gas operation is not possible.</p> <ul style="list-style-type: none"> <li>Reset the error.</li> <li>Contact an authorized service agent if this error occurs again.</li> </ul>                                   |

| Error message                                                                                                                                                          | Fault                                                                        | Solution                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br> | Internal communication error                                                 | Gas operation is not possible. <ul style="list-style-type: none"> <li>Reset the error.</li> <li>Contact an authorized service agent if this error occurs again.</li> </ul> |
| <br> | In stand-alone gas mode: The state of charge of the battery packs is too low | <ul style="list-style-type: none"> <li>Insert new batteries (see chapter Inserting or replacing batteries on page 8) and then reset the error.</li> </ul>                  |
|                                                                                       | Gas lock after 3 ignition attempts                                           | Ignition is not possible. <ul style="list-style-type: none"> <li>The gas cylinder is empty. Exchange the gas cylinder.</li> <li>Reset the error.</li> </ul>                |
| <br> | Gas lock, internal error in the power module                                 | <ul style="list-style-type: none"> <li>Reset the error.</li> <li>Contact an authorized service agent if this error occurs again.</li> </ul>                                |
| <br> | Ground contact, gas valve                                                    | <ul style="list-style-type: none"> <li>Reset the error.</li> <li>Contact an authorized service agent if this error occurs again.</li> </ul>                                |
| <br> | Ground contact, ignition electrode                                           | <ul style="list-style-type: none"> <li>Reset the error.</li> <li>Contact an authorized service agent if this error occurs again.</li> </ul>                                |

## 12 Warranty

If the product does not work as it should, please contact your retailer or the manufacturer's branch in your country (see [dometic.com/dealer](http://dometic.com/dealer)). The warranty applicable to your product is 3 year(s).

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

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

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

### Australia only

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits provided to you as the consumer by this warranty are in addition to other rights and remedies available to you under the law.

### New Zealand only

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

## 13 Disposal



### CAUTION! Fire hazard

- > This device contains flammable insulation blowing gas.

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



Recycling products with batteries, rechargeable batteries, and light sources: Remove any batteries, rechargeable batteries, and light sources before recycling the product. Return defective or used batteries to your retailer or dispose of them at collection points. Do not dispose of any batteries, rechargeable batteries, and light sources with general household waste. If you wish to finally dispose of the product, ask your local recycling center or specialist dealer for details about how to do this in accordance with the applicable disposal regulations. The product can be disposed free of charge.

## 14 Technical data

|                                                       | <b>RMD10.5XS</b>                                                                                                                                                        | <b>RMD10.5XG</b> | <b>RMD10.5XP</b> |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|
| Connection voltage                                    | 230 – 240 V ~ / 50 – 60 Hz<br>12 V ===                                                                                                                                  |                  |                  |
| Capacity:                                             |                                                                                                                                                                         |                  |                  |
| Gross capacity                                        | 173 L                                                                                                                                                                   | 173 L            | 173 L            |
| Refrigerator compartment                              | 136 L                                                                                                                                                                   | 136 L            | 136 L            |
| Frozen compartment                                    | 33 L                                                                                                                                                                    | 33 L             | 33 L             |
| Total net capacity                                    | 169 L                                                                                                                                                                   | 169 L            | 169 L            |
| Power consumption                                     | 250 W (240 V ~)<br>170 W (12 V ===)                                                                                                                                     |                  |                  |
| Energy consumption                                    | 5 kWh / 24 h (240 V ~)                                                                                                                                                  |                  |                  |
| Gas consumption                                       | 586 g / 24 h                                                                                                                                                            |                  |                  |
| Climate class                                         | T                                                                                                                                                                       |                  |                  |
| Dimensions (HxWxD)<br>(without flange)                | 1246 × 526 × 615 mm                                                                                                                                                     |                  |                  |
| Weight                                                | 52.5 kg                                                                                                                                                                 |                  |                  |
| Maximum weight per door<br>shelf                      | 3 kg                                                                                                                                                                    |                  |                  |
| Maximum weight per door                               | 7.5 kg                                                                                                                                                                  |                  |                  |
| Maximum load capacity of<br>fresh storage compartment | 4.5 kg                                                                                                                                                                  |                  |                  |
| Inspection/certification                              |   |                  |                  |







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