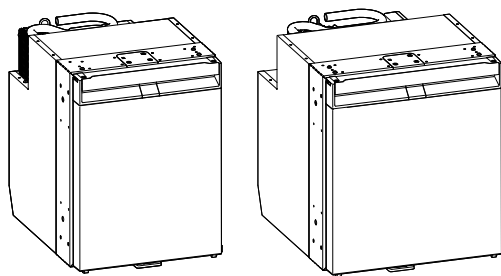


# **DOMETIC** **REFRIGERATION** **NRX**



## NRXD0050, 0060 (C/S)

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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](http://documents.dometic.com).

## 2 Explanation of symbols

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



### **WARNING!**

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



### **CAUTION!**

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



### **NOTICE!**

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



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

### 3 Explanation of symbols on the device



Warning! Risk of fire. Flammable materials.

### 4 Related documents



Find the installation manual online at [qr.dometic.com/bfgppU](http://qr.dometic.com/bfgppU)

### 5 Safety instructions

#### General safety



#### **WARNING! Electrocutation hazard**

- > Installation and removal of the refrigerator may only be carried out by qualified personnel.
- > Installation in washrooms and areas exposed to water must be performed by a qualified technician.
- > If installing the refrigerator under a canopy or similar environment, ensure that the refrigerator is protected from rain and splashing water.
- > Do not operate the refrigerator if it is visibly damaged.
- > This refrigerator may only be repaired by qualified personnel. Improper repairs can result in considerable danger or damage to the refrigerator.
- > If the power cable for this refrigerator is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person in order to prevent safety hazards.
- > When positioning the refrigerator, ensure the supply cord is not trapped or damaged.
- > Do not locate multiple portable socket-outlets or portable power supplies at the rear of the refrigerator.
- > Do not touch exposed cables with your bare hands.



#### **WARNING! Fire hazard**

- > The refrigerant in the refrigerant circuit is highly flammable and in the event of a leakage combustible gases could build up if the appliance is in a small room. In the event of any damage to the refrigerant circuit:
  - Keep naked flames and potential ignition sources away from the refrigerator.
  - Ventilate the room well.
  - Switch off the refrigerator.
- > For refrigerators with flammable refrigerant: The refrigeration circuit contains a small quantity of an environmentally friendly but flammable refrigerant. It does not damage the ozone layer and does not increase the greenhouse effect. Any leaking refrigerant may ignite.
- > For refrigerators with flammable refrigerant: Do not use or store the refrigerator in confined spaces with none or minimal air flow.
- > Do not open the refrigerant circuit under any circumstances.

- > Keep the installation recess for the refrigerator free of any electrical components and light sources which during normal or abnormal operation produce sparks or arcs (i.e., relays or fuse boxes).
- > The insulation of the refrigerator contains flammable cyclopentane and requires special disposal procedures. Deliver the refrigerator at the end of its life-cycle to an appropriate recycling center.



**WARNING! Explosion hazard**

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



**WARNING! Health hazard**

- > This refrigerator can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the refrigerator in a safe way and understand the hazards involved.
- > Children aged from 3 to 8 years are allowed to load and unload the refrigerator.
- > Cleaning and user maintenance shall not be made by children without supervision.
- > Children must be supervised to ensure that they do not play with the refrigerator.



**WARNING! Risk of child entrapment**

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



**CAUTION! Health hazard**

- > To avoid a hazard due to instability of the refrigerator, it must be fixed in accordance with the installation instructions.
- > Keep ventilation openings, on the refrigerator and in its enclosure or in the built-in structure, clear of obstruction.
- > Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- > Do not open or damage the refrigerant circuit under any circumstances.
- > Do not use electrical devices inside the refrigerator unless they are recommended by the manufacturer for that purpose.



**CAUTION! Risk of injury**

- > Do not use or store flammable materials in or near this refrigerator.
- > Do not place articles on or against this refrigerator.
- > Do not modify this refrigerator.
- > Do not put your fingers into the hinge.



**NOTICE! Damage hazard**

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

## Operating the refrigerator safely



### CAUTION! Health hazard

- > Ensure to put only items in the refrigerator which may be chilled at the selected temperature.
- > Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- > Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with and cannot drip onto other food.
- > Opening the door for long periods can cause a significant increase of the temperature in the compartments of the refrigerator. If the refrigerator is left empty for long periods:
  - Switch off the refrigerator.
  - Defrost the refrigerator.
  - Clean and dry the refrigerator.
  - Leave the drawer open to prevent mold developing within the refrigerator. If available, put the refrigerator drawer and the freezer door into the winter position.



### CAUTION! Risk of injury

- > Do not put your fingers into the hinge.
- > Close and latch the refrigerator drawer before beginning a journey.
- > The cooling system at the back of the refrigerator becomes very hot during operation. If the refrigerator is equipped with ventilation grilles, protect yourself from contact with hot parts when removing the ventilation grilles.
- > The device drawer and the freezer door can completely detach from the device if used incorrectly. Push the drawer and door closed until you hear a clear click.



### NOTICE! Damage hazard

- > **Danger of overheating!** Always ensure sufficient ventilation so that the heat generated during operation can dissipate. Ensure that the refrigerator is sufficiently far away from walls and other objects so that the air can circulate.
- > Observe the maximum load of the drawer.
- > Do not fill the interior with ice or fluid.
- > Protect the refrigerator and the cable against heat and moisture.
- > Never pull the plug out of the socket by the connection cable.



### NOTE

- > If the battery management system of your vehicle shuts down the refrigerator to protect the battery, contact your vehicle manufacturer.
- > For ambient temperatures of 15 °C ... 25 °C select the average temperature setting.
- > To avoid food waste, note the following:
  - Keep temperature fluctuation as low as possible. Only open the freezer as often and for as long as necessary. Store the foodstuff in such a way that the air can still circulate well.
  - Ensure to put only items in the refrigerator which may be chilled at the selected temperature.
  - Store the different foodstuff types as shown in the figures.
  - If the temperature can be adjusted: Adjust the temperature to the quantity and type of the foodstuff.
  - Foodstuff can easily absorb or release odor or taste. Always store foodstuff covered or in closed containers/bottles.

## Installing the refrigerator safely



### **WARNING! Fire hazard**

- > Ensure clean and residue-free handling if silicon sealant or similar is used. There is a risk of fire if silicone filaments come into contact with hot parts or naked flames.
- > Do not install the refrigerator near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.).



### **NOTICE! Damage hazard**

- > Only hold the device by its body during transport.
- > The refrigerator is only suitable for installation in a fitted niche. The refrigerator must be secured in the furniture/cabinets with a mounting frame or other flanges to prevent the refrigerator from tipping over. Once the refrigerator has been installed, only the front must be accessible.

## 6 Scope of delivery

Quantity	Description
1	Compressor refrigerator
1	Drain elbow
4	Fixing cap
1	Short operating manual
1	Operating manual (online only)
1	Installation manual

## 7 Accessories

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

Description	Ref. no.
Fastening frame including bottom frame	
• NRXD0050	9620012877
• NRXD0060	9620012881
Fastening frame including bottom frame (black)	
• NRXD0050	9620012874
• NRXD0060	9620012875
AC/DC Adapter	9620013449 (EU) 9620013450 (UK)

## 8 Intended use

The refrigerator is intended for:

- Installation in caravans, motor homes, boats, and trucks
- Cooling and storing food
- Storing prefrozen food
- Indoor use
- NRXD0050**S**, 0060**S** only: Outdoor use on boats\*

\*NRXD0050**C**, 0060**C** only: When used on boats, the device shall be installed in a dayroom area and not open deck.

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

The refrigerator is **not** suitable for:

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

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 ambient temperatures between 16 °C ... 43 °C .

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

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

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

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

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

## **9 Technical description**

The refrigerator is a compressor refrigerator.

The refrigerator is suitable for use with a 12 V or 24 V DC voltage and can therefore also be used for camping or on boats.

The refrigerator can be converted into an AC/DC unit through a clip-on AC/DC adapter (accessories).

The refrigerator is a drawer that can be pulled out by the handle and completely removed from the unit for cleaning purposes. Bottles or beverage packaging can be separated with drawer dividers to ensure they do not fall when pulled out. The drawer dividers can be removed and repositioned as required.

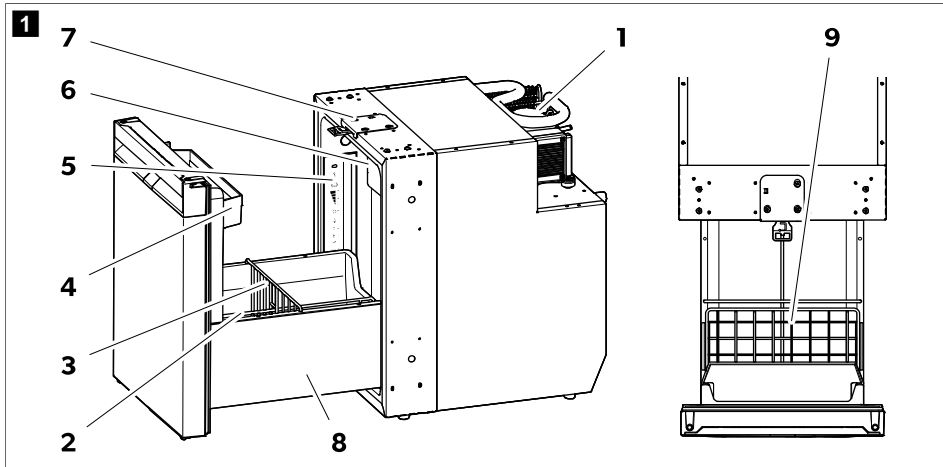
The model is factory fitted with a frozen compartment, which can be removed and reinstalled.

The refrigerator door has a latching mechanism to keep it firmly closed during traveling and movements of the vehicle or boat.

All materials used in the refrigerator are compatible for use with foodstuffs.

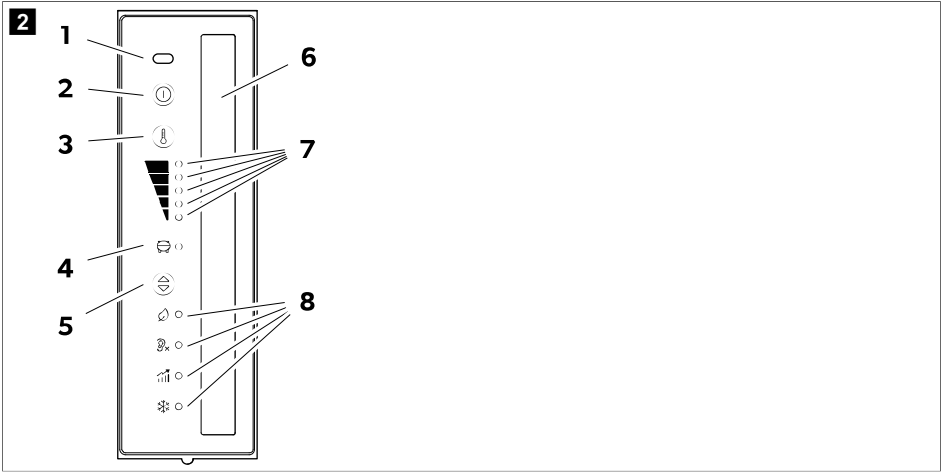



## Description of the device



No.	Explanation
1	Compressor
2	Drawer divider (vertical)
3	Drawer divider (horizontal)
4	Door top shelf
5	Control panel with display
6	Frozen compartment
7	Door latch for ventilation
8	Decorative drawer side panel
9	Tray

Control and display elements



No.	Explanation
1	IR door opening sensor
2	⏻ ON/OFF button
3	⚙️ Cooling level setting button
4	Compressor and error indicator LED
5	🔄 Operation mode button
6	Interior lighting
7	Cooling level indicator LEDs  <ul style="list-style-type: none"><li>Cooling Level 5</li><li>Cooling level 4</li><li>Cooling level 3</li><li>Cooling level 2</li><li>Cooling level 1</li></ul>
8	Operation mode indicator LEDs





Compressor and error indicator LED

The compressor and error indicator LED displays the operating status of the compressor or indicates an error:

Color	Description
White	Compressor on
Orange	Compressor off
Orange (flashing)	Error (see chapter Error indication on page 27)

## Operation mode indicator LEDs

The operation mode indicator LEDs display the following setting options:

Symbol	Description
	ECO mode: Operation with reduced energy -consumption. Cooling level 1 – 3
	QUIET mode: Operation with reduced noise level. Cooling level 1 – 4
	PERFORMANCE mode: Cooling level 1 – 5
	FREEZER mode: Operation with frozen compartment removed. Cools down the complete interior of the refrigerator to $-6^{\circ}\text{C}$ .

## 10 Operation


### 10.1 Before first use




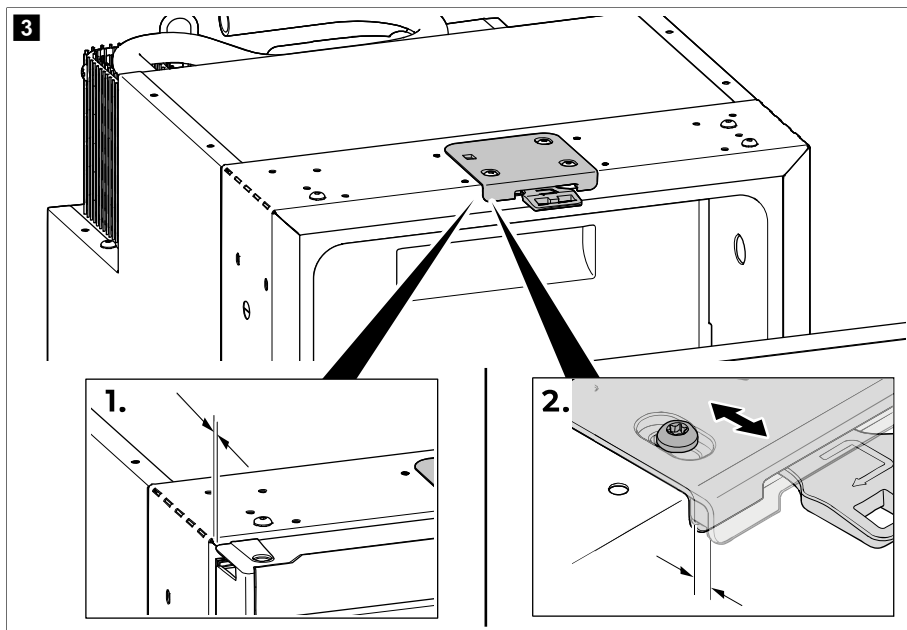
#### NOTE

- Do not store goods in the refrigerator for the first 4 hours 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 and maintenance on page 21).
- > Park the vehicle so that it is level, especially when starting up and filling the refrigerator before setting off on a journey.

#### Adjusting the door latch

The door latch on the top of the refrigerator can be adjusted to regulate the closing width of the drawer (  Fig. 3 on page 12).

1. With the drawer closed and locked, try to open the drawer without using the handle by pulling on the sides.
2. Measure how far the door can be pulled open (  Fig. 3 on page 12, 1.).



3. If the drawer opens or the opening gap is greater than 5 mm, adjust the door latch position until the opening gap is in the range 2 ... 5 mm ( Fig. **3** on page 12, **2.**).



**NOTE** With the door latch adjusted, ensure that the drawer latches properly when closing (see chapter Closing and securing the refrigerator on page 14).

## 10.2 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.



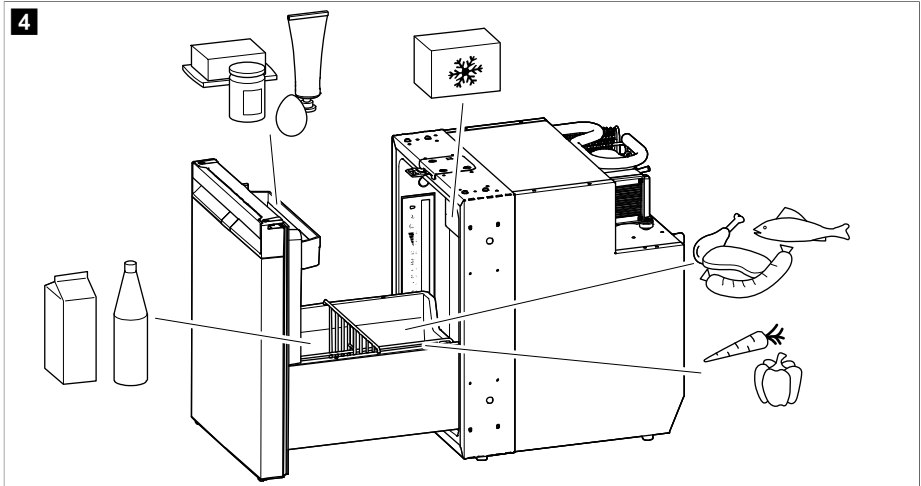
### NOTICE! Damage hazard

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. Store the foodstuff in such a way that the air can still circulate well.
- 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.

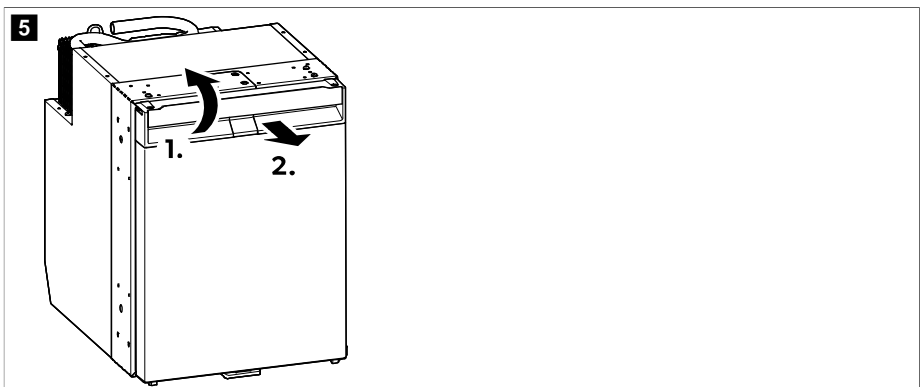


### 10.3 Saving energy

- Only open the refrigerator as often and for as long as necessary.
- Allow warm food to cool down first before placing it in the device to keep cool.
- Defrost your refrigerator as soon as a layer of ice forms.
- Avoid unnecessarily low temperature settings.
- For optimal energy consumption, position the shelves and drawers according to their position on delivery.
- On a regular basis, ensure the door seal still fits properly.
- Clean dust and dirt from the condenser at regular intervals.

### 10.4 Opening the refrigerator

> To open the refrigerator proceed as shown.



## 10.5 Closing and securing the refrigerator

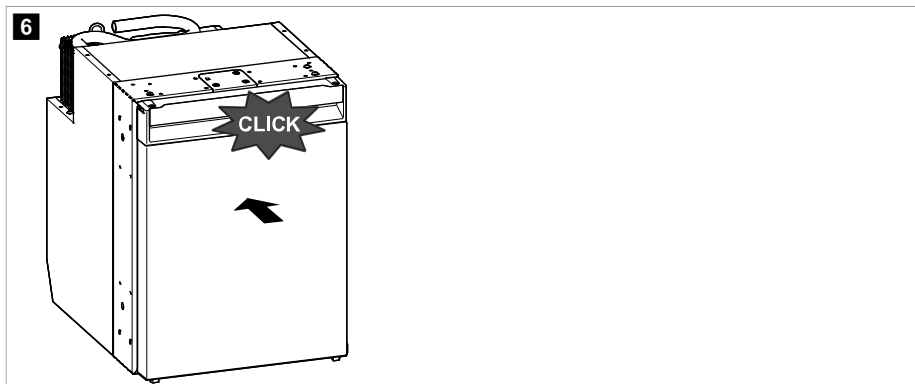
**CAUTION! Risk of injury**

If the door is not secured correctly, carefully push on the top and bottom of the door until it is secured in place.

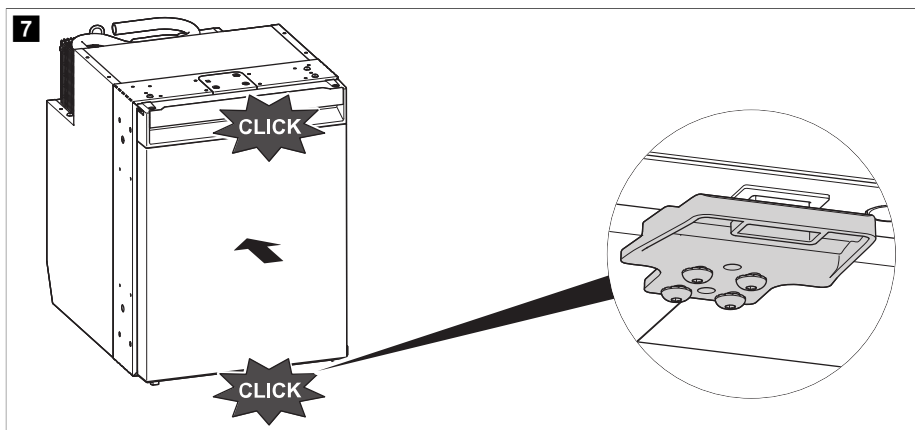


**NOTE** The refrigerator door has a latching mechanism which is also used to protect it during transport.

- > NRXD0050**C**, 0060**C**: Press the door shut until you clearly hear it click at the top.



- > NRXD0050**S**, NRX0060**S**: Press the door shut until you clearly hear it click at the top and bottom.



- ✓ The door is now closed and secured.

## 10.6 Switching on and off



**NOTE** Always switch off the refrigerator if it will not be used for a prolonged period of time.

- To switch on, press and hold the button once for at least 2 s .
- ✓ The refrigerator switches on with the last selected cooling level setting and operation mode.
- To switch off, press and hold the button for at least 2 s .

## 10.7 Setting the operation modes



**NOTE** When using the ECO, PERFORMANCE or FREEZER mode the system stays in this mode until further changes.

- To set the operation mode, press the button repeatedly until the operation mode indicator LED for the desired operation mode lights up.

### Using the ECO mode

With the ECO mode activated the refrigerator operates with reduced energy consumption at cooling levels 1 – 3.

- ✓ The operation mode indicator LED for the ECO mode () and the selected cooling level indicator LED light up.

### Using the QUIET mode

With the QUIET mode activated the refrigerator operates with reduced noise level at cooling levels 1 – 4.



#### **NOTE**

- The QUIET mode is not available if the refrigerator is running in FREEZER mode.
- When using the QUIET mode the refrigerator will stay in this mode for 8 h and then return to the previously selected mode (ECO or PERFORMANCE mode).

- ✓ The operation mode indicator LED for the QUIET mode () and the selected cooling level indicator LED light up.

### Using the PERFORMANCE mode

With the PERFORMANCE mode activated the refrigerator operates in standard mode at cooling levels 1 – 5.

- ✓ The operation mode indicator LED for the PERFORMANCE mode () and the selected cooling level indicator LED light up.

### Using the FREEZER mode

With the FREEZER mode activated the refrigerator compartment is cooled up to  $-6^{\circ}\text{C}$  .



**NOTE** Remove the frozen compartment for optimum use of FREEZER mode function. With the frozen compartment removed, the target temperature of  $-6^{\circ}\text{C}$  is reached much faster and the entire interior of the refrigerator can be cooled down to  $-6^{\circ}\text{C}$  .

- ✓ The operation mode indicator LED for the FREEZER mode () and all cooling level indicator LEDs light up continuously.

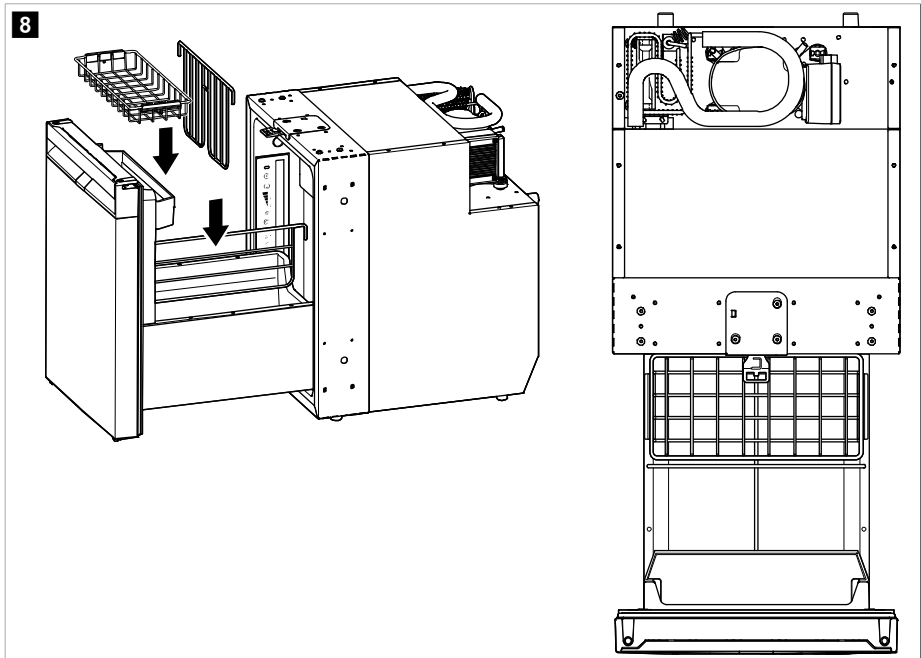
## 10.8 Setting the cooling level

- > To set the cooling level, press the  button repeatedly until the desired cooling level is reached.

## 10.9 Repositioning the drawer dividers

The drawer dividers and the tray can be removed and repositioned as required.

- > To reposition the drawer dividers and the tray as desired proceed as shown.



## 10.10 Removing the frozen compartment

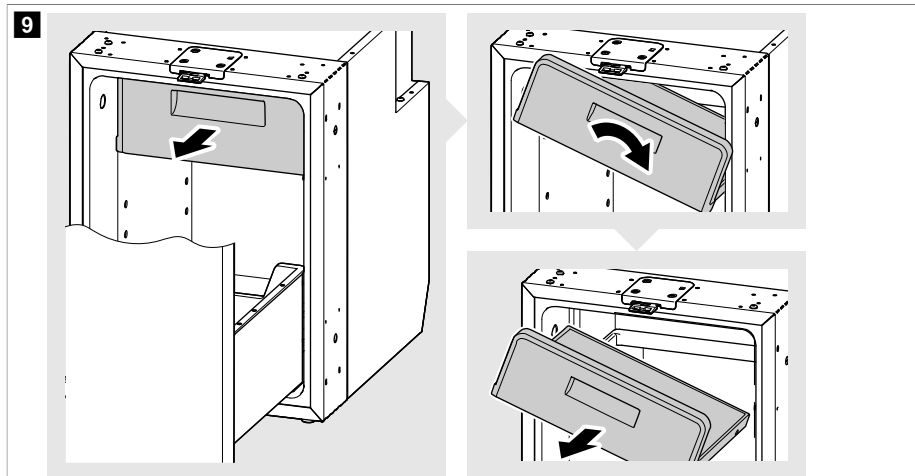


### NOTICE! Damage hazard

- > Close the frozen compartment door to remove the frozen compartment.
- > Grasp the frozen compartment by the bottom. Do not pull on the frozen compartment door.
- > Store the frozen compartment in a dry and safe place.



- > To remove the frozen compartment proceed as shown.



## 10.11 Detaching and inserting the drawer

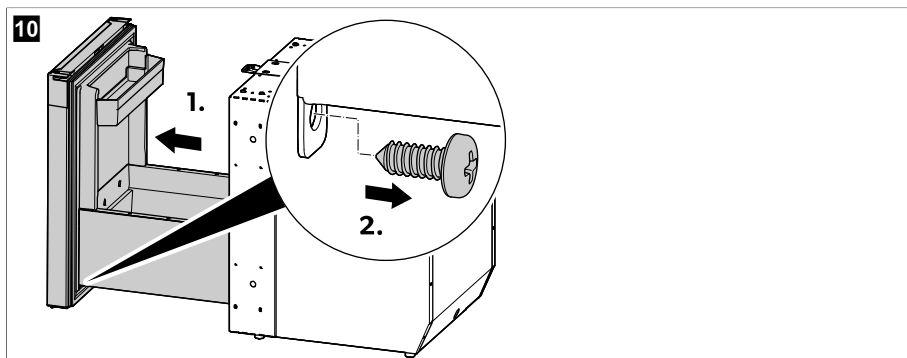
### Detaching the drawer



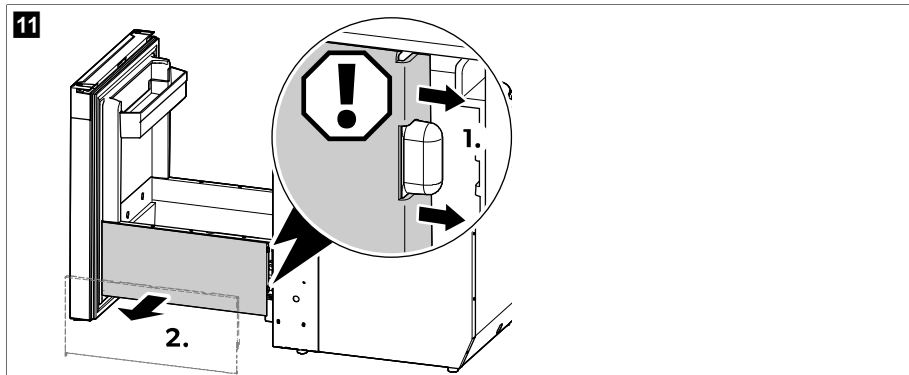
#### **NOTICE! Damage hazard**

Unload the drawer before detaching the drawer.

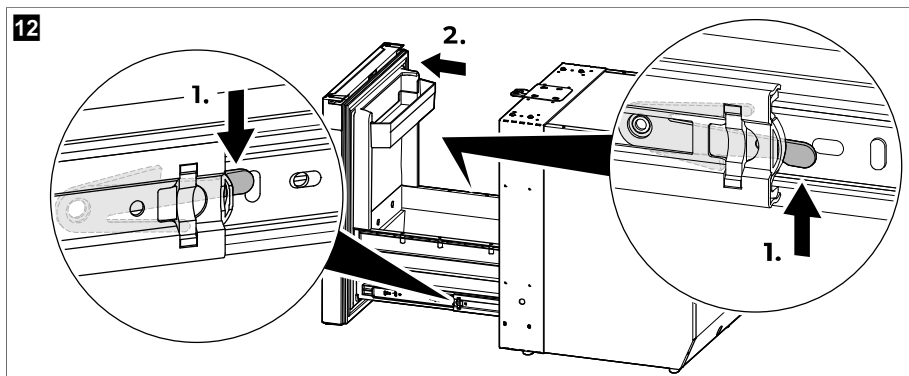
1. Pull the drawer out completely and loosen the screws behind the door on the side panel on both sides (2.).



2. Remove the side panels. To do this, push the first side panel towards the cabinet to release it from the catch hooks (1.). Repeat the process on the other side with the second side panel.



3. Push the lever on one side upwards and at the same time push the lever on the other side downwards and carefully pull out the drawer.



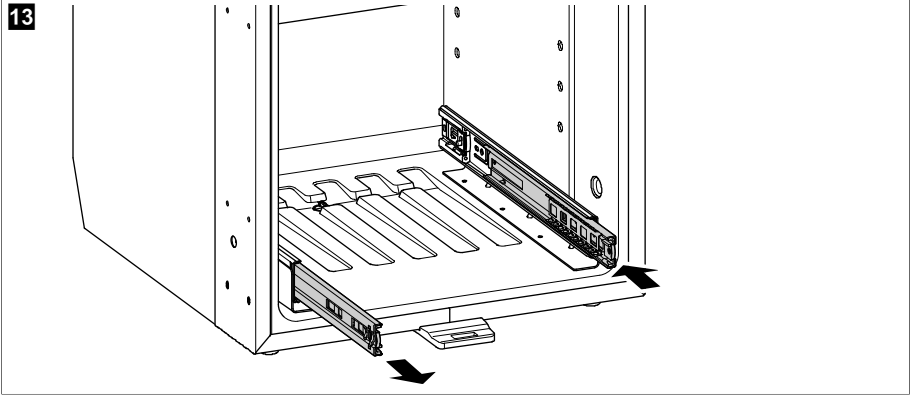
### Inserting the drawer



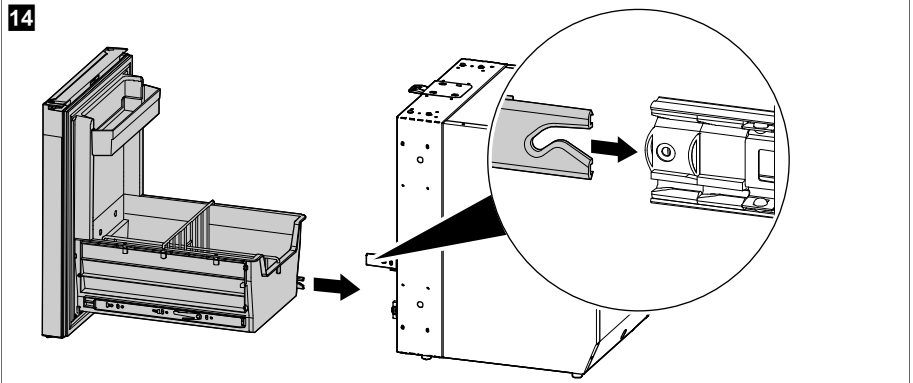
#### **NOTICE! Damage hazard**

- > Ensure to keep the drawer in a horizontal position when aligning the drawer rails with the cabinet rails to prevent damage to the rails.
- > Do not insert the drawer when it is loaded.

1. Pull one of the cabinet rails outwards to its middle and push the other cabinet rail all the way inwards.

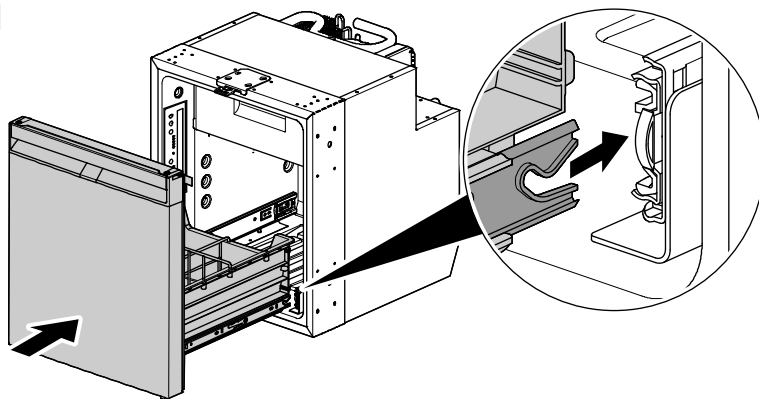
**13**

2. Align the groove of the extended cabinet rail with the guide of the corresponding drawer rail. Press the drawer rail onto the cabinet rail until the rails are connected and slide easily.

**14**

3. Carefully slide the drawer inwards on the connected rails and align the groove of the retracted cabinet rail with the guide of the corresponding drawer rail. Press the drawer rail onto the cabinet rail until the rails are connected and slide easily.

15



4. Slide the drawer open and closed several times to ensure that it slides easily.

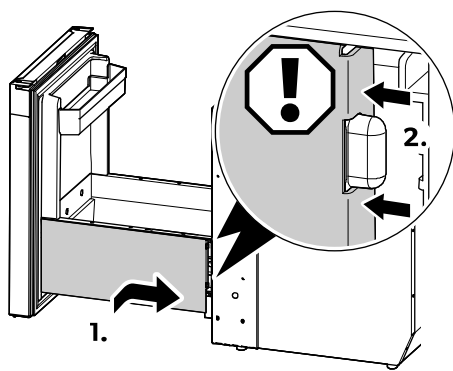


**NOTICE! Damage hazard**

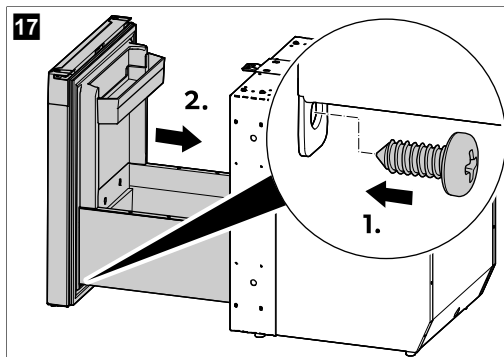
If the drawer does not slide easily on the rails, the drawer rail guide is not properly seated in the groove of the cabinet rail. Detach and realign the rails until the rails slide easily onto each other. Do not attempt to connect the rails by force or to move the drawer on the rails by force.

5. Attach the side panels. To do this, place the first side panel in position and press it onto the catch hook. Repeat the process on the other side with the second side panel.

16



6. Fasten the screws behind the door on the side panel on both sides.

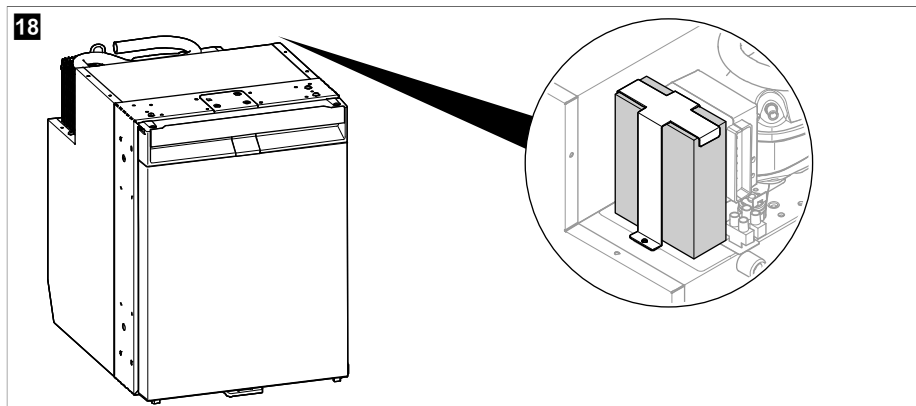


## 10.12 Installing the AC/DC adapter (optional)



Find the full installation and operating manual of the AC/DC adapter online at [qr.dometic.com/bfgpqN](http://qr.dometic.com/bfgpqN).

> To install the AC/DC adapter (accessories) proceed as shown.



## 11 Cleaning and maintenance



### **WARNING! Electrocution hazard**

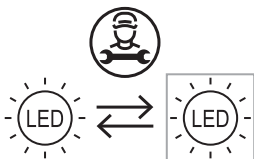
Always disconnect the refrigerator from the energy supply before cleaning and maintenance.

**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.

**NOTICE! Damage hazard**

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



**NOTE** Detach the drawer if necessary to thoroughly clean the interior of the refrigerator (see chapter Detaching and inserting the drawer on page 17).

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

## Refrigerant circuit

The refrigerant circuit is maintenance-free.

## Defrosting the refrigerator

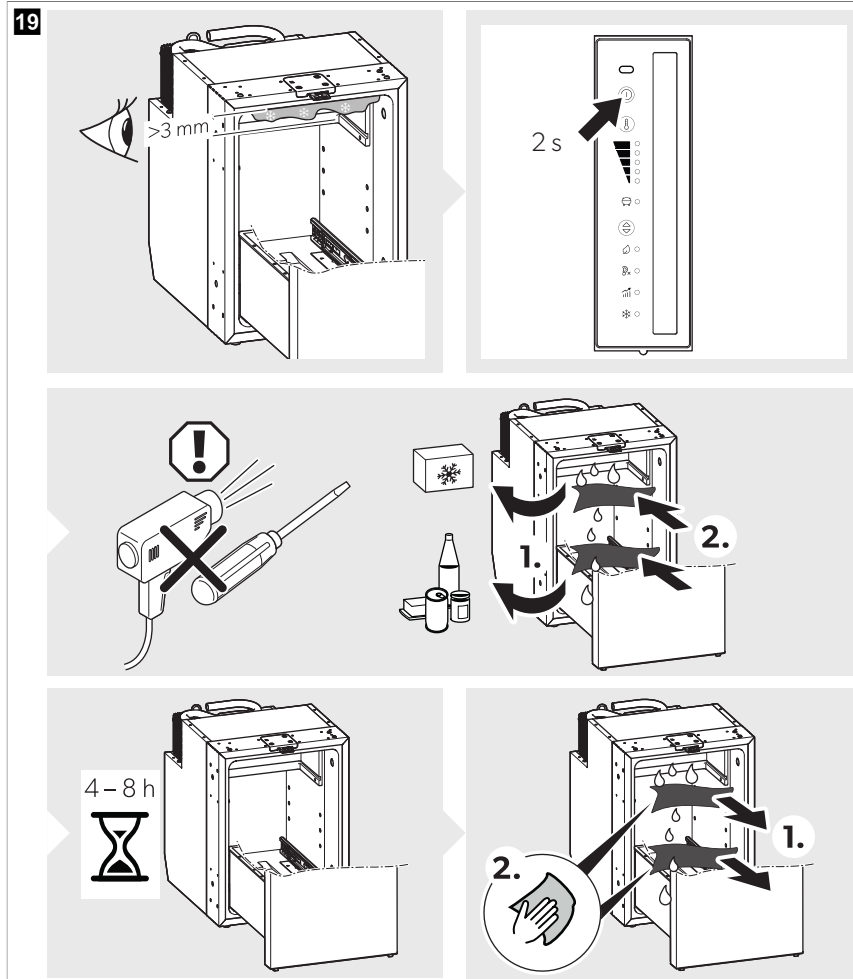
**NOTICE! Damage hazard**

Do not use any mechanical tools or any other tools to speed up the defrosting process.



**NOTE** Over time, frost builds up on the back wall inside the refrigerator. If this layer of frost is about 3 mm thick, defrost the refrigerator.

> To defrost the refrigerator proceed as shown.



### Positioning the refrigerator door into storage position



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

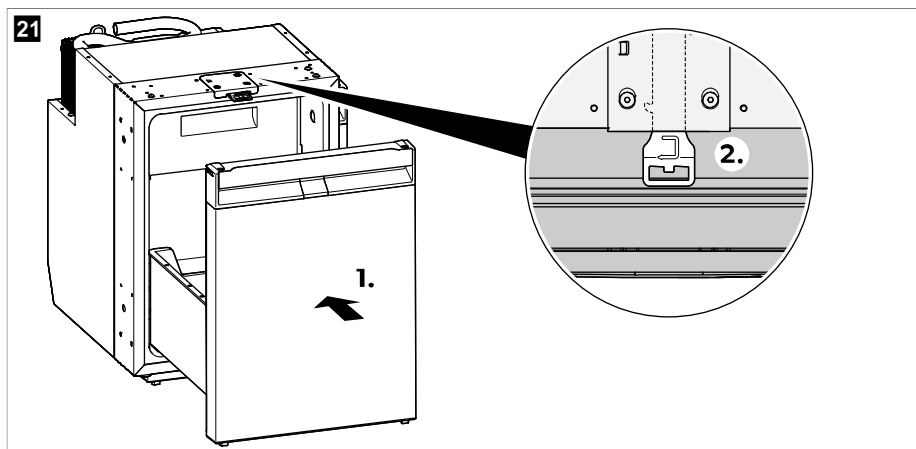
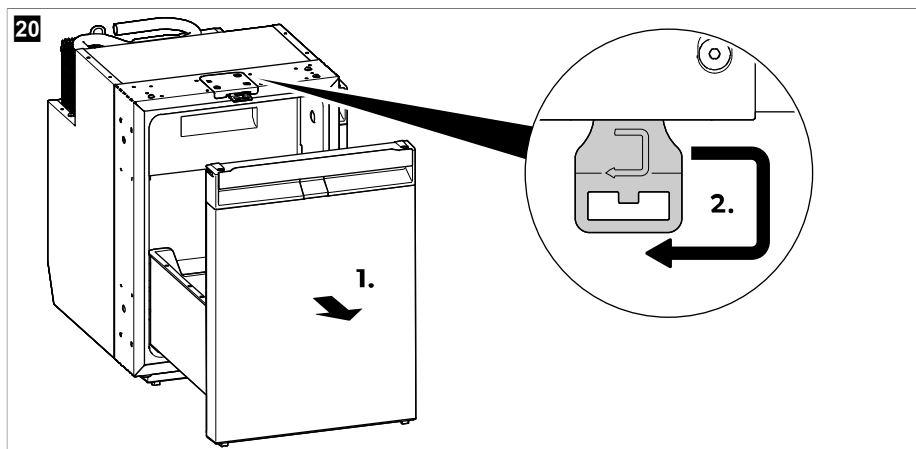
The storage position may not be used while driving.



**NOTE** Put the refrigerator door into the storage position if you are not going to use the refrigerator for a longer period of time. This prevents mold from forming.

> Defrost the refrigerator (see Defrosting the refrigerator on page 22).

- > Put the refrigerator door into storage position as shown.

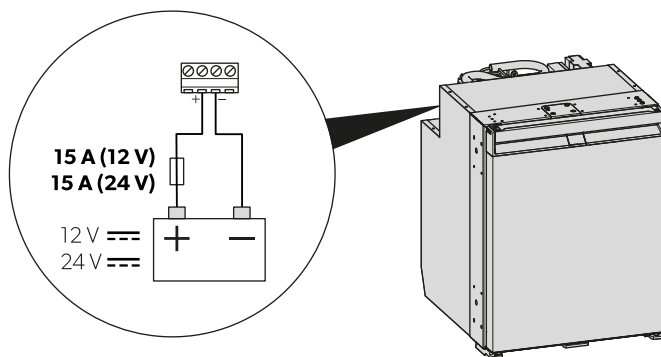


## 12 Troubleshooting



**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.



**22**

Problem	Possible cause	Suggested remedy
The refrigerator does not work.	The fuse in the DC cable is defective.	> Replace the fuse (  Fig. 22 on page 25).
	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 temperature at the compressor is too low ( $< 0^{\circ}\text{C}$ ).	> Close/cover all external ventilation grilles completely with insulation material.
	The refrigerator switches off automatically if the voltage is insufficient. (End-of-discharge voltage: 10.4 V)	> Load the battery. The refrigerator will start again automatically. (Cut-in voltage: 11.7 V)
Poor cooling, increase in interior temperature. Compressor runs continuously.	The ventilation around the cooling unit is not sufficient.	> Check that the ventilation grille is not obstructed. > Move the refrigerator to another location.
	The interior walls are iced up.	> Check whether the refrigerator door closes properly. > Ensure that the refrigerator seal fits correctly and is not damaged. > Defrost the refrigerator (see Defrosting the refrigerator on page 22).
	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.

<b>Problem</b>	<b>Possible cause</b>	<b>Suggested remedy</b>
	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 4 h / 5 h .
	The condenser is dirty.	> Clean the condenser (see chapter Cleaning and maintenance on page 21).
	The fan is defective.	> Contact an authorized service agent.
Poor cooling, increase in interior temperature.  The compressor does not run often.	The battery capacity is exhausted.	> Charge the battery.
Poor cooling, increase in interior temperature.  The compressor does not run (battery connection).	There is an interruption in the battery electronics connection.	> Establish a connection.
	The main switch is defective (if installed).	> Replace the main switch.
	The additional supply line fuse has blown (if installed).	> Replace the supply line fuse.
	The battery voltage is too low.	> Charge the battery.
	The battery capacity too low.	> Replace the battery.
	The cables are loose. The contact is poor (corrosion).	> Establish a connection.
	The cable cross section is too small.	> Replace the cable.
	The compressor is defective.	> Contact an authorized service agent.
Poor cooling, increase in interior temperature.  The compressor does not run (connection to AC supply).	The connection supply line is interrupted.	> Establish a connection.
	The main switch is defective (if installed).	> Replace the main switch.
	The additional supply line fuse has blown (if installed).	> Replace the supply line fuse.
	The compressor is defective.	> Contact an authorized service agent.
Unusual noises.	A component of the refrigerant circuit cannot move freely (touching the wall).	> Bend the component carefully away from the obstruction.
	There is a foreign object stuck between the cooling unit and the wall.	> Remove the foreign object.
	Fan noise.	> Contact an authorized service agent.
The drawer opens unintentionally when moving (e.g. while driving).	The door latch position is not set correctly.	> Adjust the door latch position (see chapter Adjusting the door latch on page 11).

Problem	Possible cause	Suggested remedy
The drawer does not close properly.	The door latch position is not set correctly.	> Adjust the door latch position (see chapter Adjusting the door latch on page 11).
	The door latch position is adjusted but the drawer is not properly latched.	> Ensure that the drawer is properly latched and secured when closing (see chapter Closing and securing the refrigerator on page 14).

## Error indication



### NOTE

- All errors are indicated by the error indicator LED flashing orange (see Control and display elements on page 10). The number of flashes depends on the type of fault. Each flash lasts for one quarter of a second. After the sequence of flashes a pause follows. The sequence for the fault is repeated every four seconds.
- In ECO, PERFORMANCE, and FREEZER mode an additional beep sounds.

Flashing frequency	Error	Possible cause
1	Under or over voltage	The supply voltage is outside of the set range.
2	Excessive fan current	The fan load on the electronics unit is more than 1 A.
3	The motor does not start	The rotor is jammed.
		The pressure difference in the cooling system is too high.
4	Speed too low	If the cooling system is overloaded, the minimum speed of the motor cannot be maintained.
5	Overheating of the electronics unit	If the cooling system is loaded too heavily or the temperature is set too high, the electronics can overheat.
Constantly	Temperature sensor errors	Temperature sensor is defective.

## 13 Warranty

The statutory warranty period applies. If the product is defective, please contact the manufacturer's branch in your country (see [dometic.com/dealer](http://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

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

## 14 Disposal



### NOTICE! Damage hazard

The insulation of the cooling device contains flammable cyclopentane and requires special disposal procedures. Deliver the cooling device at the end of its life-cycle to an appropriate recycling center.



Place the packaging material in the appropriate recycling waste bins wherever possible. Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations. Europe: The product can be disposed free of charge.

## 15 Technical data

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

This device complies with UN ECE Regulation R10.

	NRXD0050(C/S)	NRXD0060(C/S)
Capacity		
• Refrigerator compartment	41.6 L	51.9 L
• Frozen compartment	4.4 L	6.1 L
• Total capacity	46 L	58 L
• Total capacity (frozen compartment removed)	44 L	55 L
Connection voltage	12 / 24 V <sup>==</sup>	
Supply battery protection ( 12 V )		
• End-of-discharge voltage	10.4 V	
• Cut-in voltage	11.7 V	
Supply battery protection ( 24 V )		
• End-of-discharge voltage	22.8 V	
• Cut-in voltage	24.2 V	
Climate class	T	
Storage temperature range:		
• Refrigerator compartment	0 °C ... 12 °C	
• Frozen compartment	-15 °C ... -5 °C	
• Freezer mode	-6 °C	
Intended ambient temperature use	16 °C ... 43 °C	
Refrigerant	R600a	
Refrigerant quantity	12 g	
CO2 equivalent	0.000 t	0.000 t
Global warming potential (GWP)	3	
Noise emission (EN 60704)	40 ... 45 dB(A)	
Dimensions H x W x D	525 mm × 380 mm × 510 mm (with feet and spacer)	525 mm × 448 mm × 537 mm (with feet and spacer)
Net weight	18.9 kg	20.3 kg