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**RECORD THIS INFORMATION FOR FUTURE REFERENCE
BEFORE INSTALLING THE UNIT:**

Model No. _____ Serial No. _____
Product No. _____
Date Purchased _____ Place of Purchase _____

REFRIGERATOR MODEL

RML 8330 UL

**For Mobile Home or Recreational Vehicle
Installation**

Operation by LP Gas, 12V DC or 120V AC

FOR CHILD SAFETY

DANGER: Risk of child entrapment. Before you throw away your old refrigerator: Take off the doors, leave the shelves in place, so that children may not easily climb inside.



FOR YOUR SAFETY

If you smell gas:

1. Shut off gas supply at main valve.
2. Open windows.
3. Don't touch electrical switches.
4. Extinguish any open flame.
5. Immediately call your gas supplier.

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WARNING

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

AVIS

Cet appareil doit être réparé seulement par un réparateur autorisé. Modification de l'appareil pourrait être extrêmement dangereuse, et pourrait causer mal ou mort.

OPERATING INSTRUCTIONS

REFRIGERATOR MODEL

RML 8330

Dometic Corporation
LaGrange, IN 46761
USA

FRANÇAIS PAGE 25

289 0111-17
01/2012

**IMPORTANT INSTRUCTIONS
READ CAREFULLY**

**WARNING!**

**DO NOT USE A FLAME TO CHECK FOR GAS
LEAKS**

**WARNING!**

Most LP gas appliances used in recreational vehicles are vented to the outside of the vehicle. When parked close to a gasoline pump, it is possible that the gasoline fumes could enter this type of appliance and ignite from the burner flame, **CAUSING A FIRE OR AN EXPLOSION.**

FOR YOUR SAFETY, it is recommended that all LP gas appliances which are vented to the outside should be shut off when refueling. The refrigerator must be shut off during refueling.

**WARNING!****Electrical Grounding Instructions**

This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazards and should be plugged directly into a properly grounded three-prong receptacle.

Do not cut or remove the grounding prong from this plug.

Keep these operating instructions in a safe place. If this device is passed on, please include these operating instructions with it.

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1.0 General

1.1 Introduction

You have made an excellent choice in selecting the **Dometic** Absorption Refrigerator. We are sure that you will be satisfied with your new refrigerator in all respects. The refrigerator, which works silently, meets high quality standards and guarantees the efficient utilisation of resources and energy throughout its entire life cycle, during manufacture, in use and when being disposed of.

1.2 Guide to these operating instructions

Before you start using the refrigerator, please read the operating instructions carefully.

These instructions provide you with the necessary guidance for the proper use of your refrigerator. **Observe in particular the safety instructions.** Observation of the instructions and handling recommendations is important for dealing with the refrigerator safely and for protecting you from injury and the refrigerator from damage. You must understand what you have read before you carry out a task.

Keep these instructions in a safe place close to the refrigerator so they may be referred to at any time.

1.3 Copyright protection

The information, texts and illustrations in these instructions are copyright protected and are subject to industrial property rights. No part of these instructions may be reproduced, copied or utilised in any other way without written authorisation by Dometic.

1.4 Explanation of symbols used in this manual

Warning notices

Warning notices are identified by symbols. A supplementary text gives you an explanation of the degree of danger.

Observe these warning notices rigorously. You will thus protect yourself and other people from injury, and the appliance from damage.



DANGER!

DANGER indicates an imminent hazardous situation which, if not avoided, could result in death or serious injury.



WARNING!

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury



CAUTION!

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury

CAUTION!

CAUTION (used without the safety alert symbol) indicates a potentially hazardous situation which, if not avoided, may result in damage to the appliance.

Information



INFORMATION gives you supplementary and useful guidance when dealing with your refrigerator.

Environmental Tips



ENVIRONMENTAL TIPS gives you useful guidance for saving energy and disposal of the appliance.

1.5 Warranty

Warranty arrangements are in accordance with the normal conditions applicable for the country concerned. For warranty or other maintenance, please contact our customer services department. Any damage due to improper use is not covered by the warranty. The warranty does not cover any modifications to the appliance or the use of **non-original Dometic** parts. The warranty does not apply if the installation and operating instructions are not adhered to and no liability shall be entertained.

1.6 Limitation of liability

All information and guidance in these operating instructions were prepared after taking into consideration the applicable standards and regulations as well as the current state of the art. **Dometic** reserves the right to make changes at any time which are deemed to be in the interest of improving the product and safety.

Dometic will assume no liability for damage in the case of :

- non-observation of the operating instructions
- application not in accordance with the regulations or provisions
- use of non-original spare parts
- modifications and interferences to the appliance
- effect of environmental influences, such as
 - temperature fluctuations
 - humidity

1.7 Customer services

Dometic offers a customer service network. Find your authorized customer service centre by calling the phone number indicated on the front page. You can also obtain the address information of the nearest customer service from **www.dometic.com**. When contacting Dometic Customer Services, please state the model, product number and serial number together with the MLC code, if applicable. You will find this information on the rating plate inside the refrigerator. We recommend that you note this data in the field provided on the front page of this operation manual.

1.8 Spare parts

You can order parts directly from Dometic by calling the retail sales department at 1-800 544 4881. Please be sure to have your model number available so the correct parts list can be obtained.

1.9 Environmental notices



Refrigerators manufactured by Dometic are free of CFC/HCFC and HFC. Ammonia (a natural compound of hydrogen and nitrogen) is used in the cooling unit as a coolant. Non-ozone-hazardous cyclopentane is used as a propellant for manufacturing PU foam insulation.

Disposal

In order to ensure that the recyclable packaging materials are re-used, they should be sent to the customary local collection system. The appliance should be transferred to a suitable waste disposal company that will ensure re-use of the recyclable components and proper disposal of the rest. For eco-friendly draining of the coolant from all absorber refrigeration units, a suitable disposal plant should be used.

Energy-saving tips

- At an average ambient temperature of 77°F (25°C), it is sufficient to operate the refrigerator at middle thermostat setting.
- Where possible, always store precooled products.
- Do not expose the refrigerator to direct sunlight.
- Ensure that air circulation of the cooling unit is not obstructed.
- Defrosting at regular intervals saves energy (see section 4.11 "Defrosting").
- Open the refrigerator door only for a short period of time when removing products.
- Run the refrigerator for about 12 hours before filling it.

2.0 Safety instructions

2.1 Application according to regulations

This refrigerator is designed for installation in recreation vehicles such as caravans or motorhomes.

The refrigerator is to be used solely for storing foodstuffs.



WARNING!

The refrigerator is not suitable for the proper storage of medication. Please observe in addition the instructions in the medication package inserts.

2.2 User's responsibility

Anyone operating the refrigerator must be familiar with the safe handling and understand the advice in these operating instructions. Children may only operate the appliance, if they have been made aware of how to operate the refrigerator safely and the dangers attending incorrect operation.

2.3 Protection of children when disposing of the equipment



WARNING!

When disposing of the refrigerator, detach all refrigerator doors and leave the storage racks in the refrigerator. In this way inadvertent entrapment and suffocation is prevented.

2.4 Working upon and checking the refrigerator



WARNING!

Work on gas equipment, exhaust system and electrical facilities must be carried out by authorized personnel only. Substantial damage to property and/or injury to persons can arise through unprofessional procedures.



DANGER!



Never use an open flame to check gas bearing parts and pipes for leakage!

There is a danger of fire or explosion.



WARNING!

Never open the absorber cooling unit! It is under high pressure.

There is a danger of injury!

2.5 Information on coolant

Ammonia is used as a coolant.

This is a natural compound also used in household cleaning agents (1 litre of Salmiak cleaner contains up to 200g (7.05 oz) of ammonia - about twice as much as is used in the refrigerator). Sodium chromate is used for corrosion protection (1.8% by weight of the solvent).

In the event of leakage (easily identifiable from the strong odour), proceed as follows:

- Switch off the appliance.
- Air the room thoroughly.
- Inform authorized customer services.



For your safety it was ascertained in an expert's report that no impairment of health exists when the coolant is discharged.

2.6 Operating the refrigerator with gas

It is imperative that the operating pressure corresponds to the data specified on the rating plate of the appliance. Compare the operating pressure of the rating plate with the data specified on the pressure reducing valve of the liquid gas cylinder.



WARNING!

Operating the appliance with gas is not permitted

- **at petrol stations**
- **on ferry boats**
- **while transporting the caravan/motor-home by a transporter or breakdown vehicle.**

There is the danger of fire!

Leave the equipment switched off.

If you smell gas:

- Open all windows and leave the room.
- Do not operate any electrical equipment and prevent the use of open flames.
- Do not operate any electrical equipment and prevent the use of open flames.
- Contact authorized specialist personnel* for advice.

*** authorized specialist personnel**

Authorized specialist personnel are accredited experts who are able, by virtue of their training and knowledge, to vouch that the inspection and repair work has been carried out properly.

2.7 Safety instructions when storing foodstuffs

Instructions for storing food in a refrigerator:

No refrigerator of any kind can improve the quality of the food; refrigerators can only maintain the food's quality for a short duration as from the time of storing it.

Please observe the following particular conditions for storing food in a refrigerator that is built into a vehicle:

- A change in the climatic conditions such as temperature fluctuations
- High temperatures inside the vehicle when it is closed and parked in direct sunlight (temperatures are possible up to 122°F (50°C))
- Use of the refrigerator during travel with the power supply of 12V DC
- A refrigerator built in behind a window and exposed to direct sunlight
- Storing the products too soon, i.e. shortly after starting up the appliance for use

Under these particular conditions the refrigerator cannot guarantee reaching the temperature needed for perishables.

Perishables include all products with a stipulated use-by date and a minimum storage temperature of 39.2°F (+4°C) or less, especially for meat, poultry, fish, sausages, pre-packed foods.

- Pack raw and cooked foods separately (e.g. in containers, aluminium foil, etc.).
- Only remove the outside packaging of single packs if all the necessary information, e.g. the use-by date, can also be read on the single packs.
- Do not leave cooled goods outside the refrigerator for too long.
- Place the foods with the next use-by date at the front, accordingly.
- Pack away any left-over food and eat at the first opportunity.
- Wash your hands before and after handling any food.
- Regularly clean the inside of the refrigerator.

Please observe the instructions and information regarding the use-by date on the outside packaging of the food.

Please observe section "4.1 Cleaning" of this instruction.

2.8 Testing LP gas safety shutoff

When testing the gas supply system at test pressures in excess of 1/2 psig (3.5 kPa), the refrigerator and its individual shutoff valve must be disconnected from the gas supply piping system.

When testing the gas supply system at pressures less than or equal to 1/2 psig (3.5 kPa), the appliance must be isolated from the gas supply piping by closing its individual manual shutoff valve.

In case detailed instructions on the installation and connection to the gas supply are required, contact your dealer or distributor.

The gas safety shutoff must be tested after the refrigerator is connected to LP gas supply. To test the gas safety shutoff, proceed as follows:

- Start the refrigerator according to the instructions for LP Gas Operation. See "Section 4.3.2. Gas operation"
- Check that the gas flame is lit. Allow it to burn a few minutes to ensure a full, stable flame.
- Set the energy selector switch (Fig. 5, page 14) to position "OFF". The appliance is switched off). Within 20 seconds the gas valve should automatically close. The flame is off.
- Apply a commercial leak detection solution to the burner jet. No bubbles should appear.
Bubbles indicate a gas leak and the safety valve must be replaced by a qualified serviceman.
- Rinse the burner jet with water. Light the burner and allow it to burn for five minutes.

3.0 Description of model

3.1 Model identification

Example :

R M L 8 3 3 0

Model range

“Large” - refrigerator

Refrigerator Mobile /
Mobile Absorption
Refrigerator

0 = manual energy selection + manual
ignition **(battery igniter)**

3.2 Refrigerator rating plate

The rating plate is to be found on the inside of the refrigerator. It contains all important details of the refrigerator. You can read off from this the model identification, the product number and the serial number. You will need these details whenever you contact the customer service centre or when ordering spare parts.

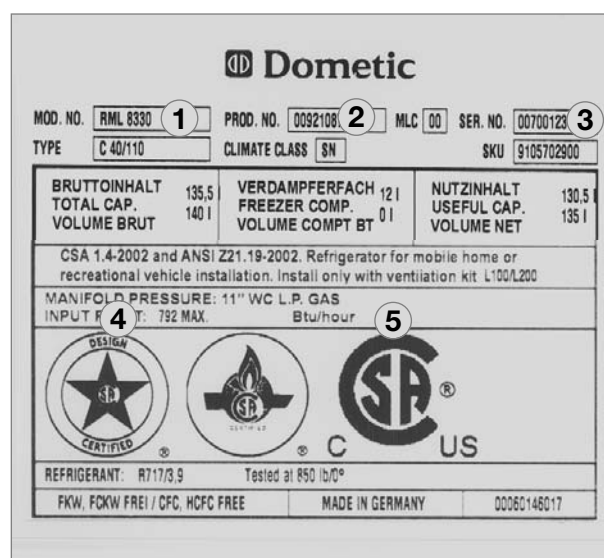
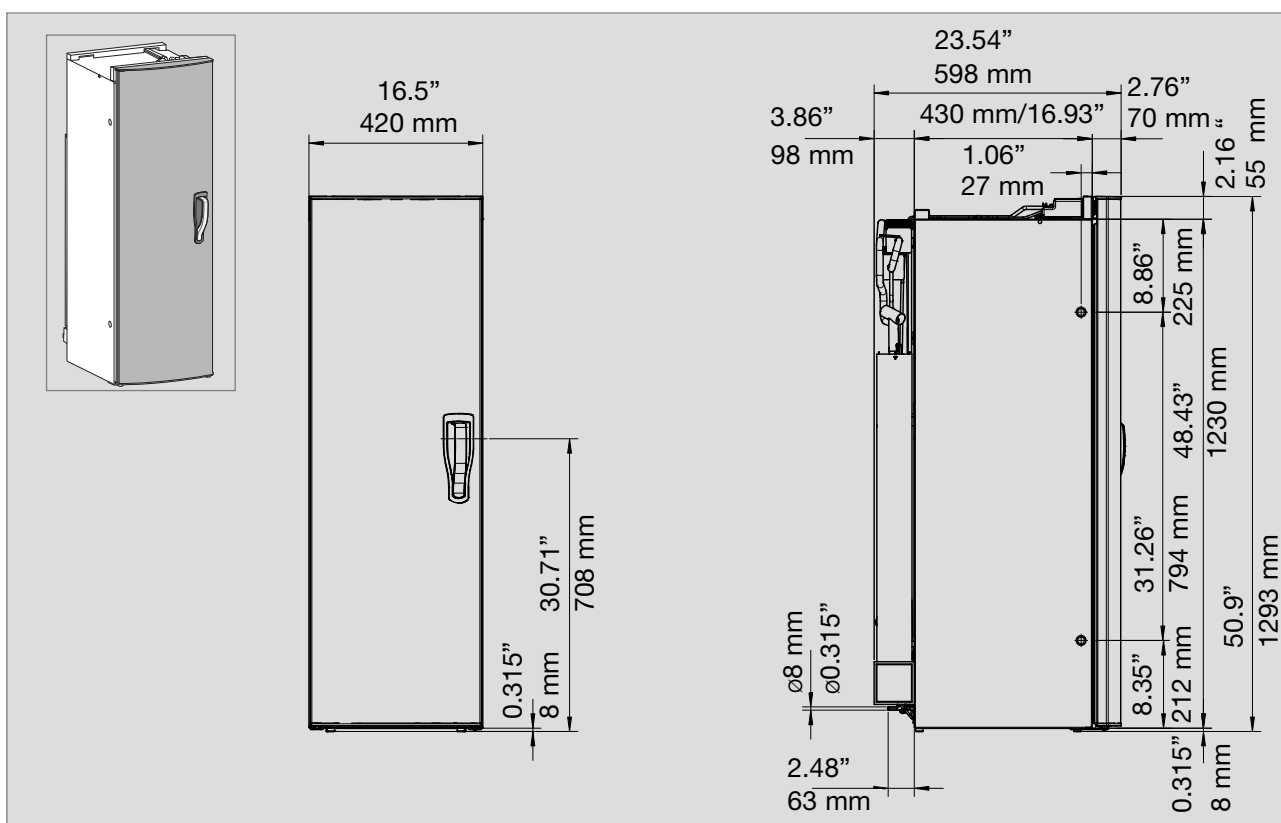


Fig. 1

- ① Model number
- ② Product number
- ③ Serial number
- ④ Electrical rating details
- ⑤ Gas pressure

Model	Dimensions H x W x D (mm) Depth incl. door	Gross capacity with freezer compartment		Rating details mains/battery	Consumption * electricity/gas over 24hrs	Net weight	Ignition Piezo	Automat
RML 8330	s. fig. 2	140 lit.	12 lit.	170 W / 170 W	ca.3.2 KWh / 380 g	37 kg	•	
		4.94 CU.ft	0.42 CU.ft		ca.3.2 KWh / 13.4 oz	81.57 lb		

*Average consumption measured at an average ambient temperature of 25°C in pursuance of ISO Standard.



3.4 Description of refrigerator

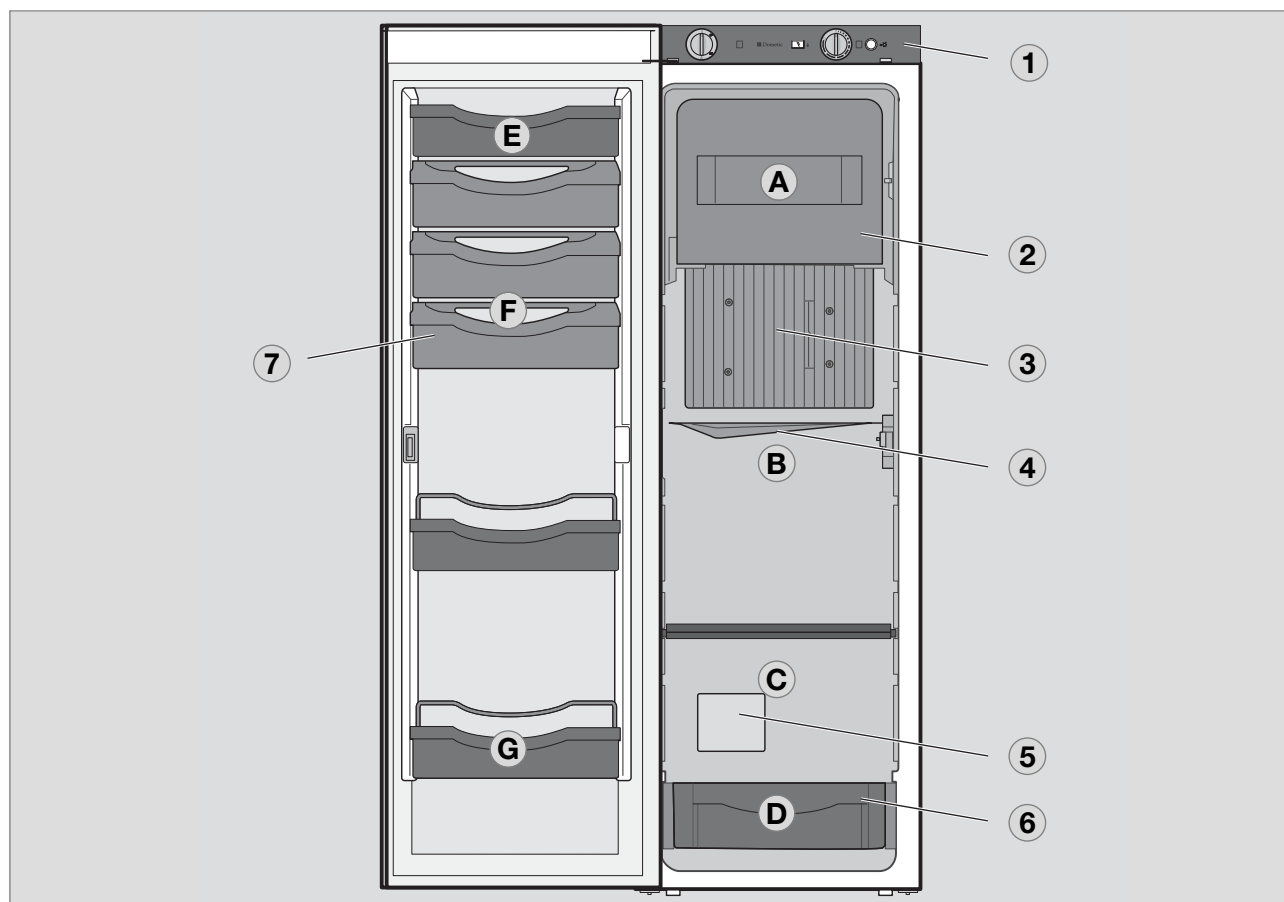


Fig. 3

- | | |
|---|---|
| <ul style="list-style-type: none"> ① Operating controls ② Freezer compartment ③ Post-evaporator for cooling compartment ④ Condensation water drain channel ⑤ Data plate ⑥ Vegetable bin ⑦ Door shelves | <ul style="list-style-type: none"> Ⓐ Freezer compartment :
already frozen food (deep-frozen food) Ⓑ Middle compartment:
Dairy products, convenience food Ⓒ Bottom compartment:
Meat, fish, food for defrosting Ⓓ Vegetable compartment:
Salads, vegetables, fruit Ⓔ Top door shelf:
Eggs, butter Ⓕ Middle door shelves:
Cans, dressings, ketchup, jam Ⓖ Bottom door shelf (drinks compartment):
Drinks in bottles or bags |
|---|---|

4.0 Refrigerator operation



The refrigerator is equipped to operate on three power modes:

- **Mains voltage (120V AC)**
- **Direct-current voltage (12V DC)**
- **Gas (propane)**

Select the desired power mode by the **energy selector switch**.

4.1 Cleaning

Before starting up the refrigerator, it is recommended that you clean it inside and repeat this at regular intervals.

Use a soft cloth and lukewarm water with a mild detergent. Then wipe out the appliance with clean water and dry thoroughly.

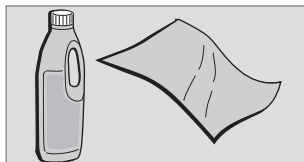


Fig. 4

To avoid material alterations, do not use soap or hard, abrasive or soda-based cleaning agents. Do not allow the door seal to come into contact with oil or grease.

4.2 Maintenance

- It is recommended that the gas burner be inspected and cleaned as necessary at least once a year. When using liquefied petroleum gas (tank or refill cylinders) the maintenance interval is reduced. Keep the evidence of maintenance work carried out on your refrigerator.
- **Work on gas and electrical equipment shall be carried out by qualified personnel only. It is recommended to have it done by an authorized customer services department.**
- **The gas burner must be inspected and cleaned as necessary at least once a year. When using liquefied petroleum gas (tank or refill cylinders) the maintenance interval is reduced to half-yearly or quarterly.**

Keep the evidence of maintenance work carried out on your refrigerator.

We recommend maintenance following an extended shutdown of the vehicle. Please contact our customer services.

NOTE: Avoid spraying water through the vent grilles when washing the RV.

It is important to keep the refrigerator vent area free from combustible material, gasoline and other flammable vapors or liquids.

- Check all connections in the LP gas system (at the back of the refrigerator) for gas leaks. The LP gas supply must be turned on. Apply a noncorrosive bubble solution to all LP gas connections. The appearance of bubbles indicates a leak and should be repaired immediately by a qualified serviceman who is familiar with LP gas systems and refrigerators.

4.3 Explanation of operating controls

Manual energy selection / manual ignition (battery igniter) :

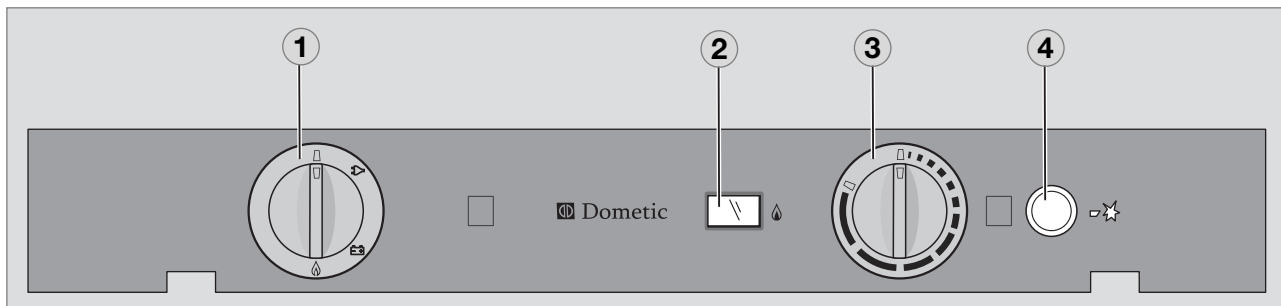


Fig. 5

- 1 = Power On switch / Energy selector switch
- 2 = Flame indicator (galvanometer)
- 3 = Temperature controller
- 4 = Battery igniter (gas)

Explanations:

The refrigerator is equipped to operate on mains power, 12V DC or propane gas. Select the desired power supply by turning the energy selector switch (1). The energy selector switch (1) has four settings:

- **Off (2)**
- **Mains voltage (120V AC) (3)**
- **Direct-current voltage (Battery, 12V DC) (4)**
- **Gas (propane) (5)**

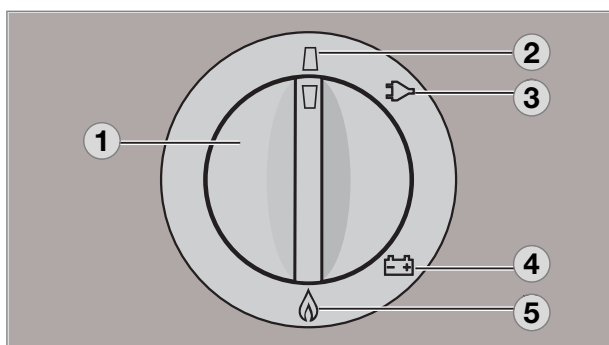


Fig. 6

4.3.1 Electrical operation

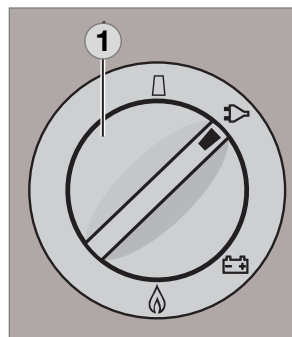


Fig. 7

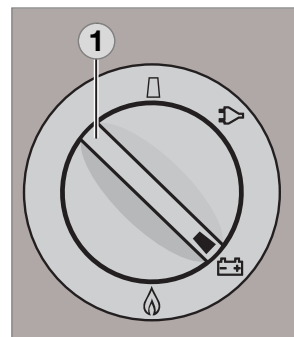


Fig. 8

Switch on the appliance by turning the energy selection switch (1) clockwise to position :



for 120V operation,



for 12V operation.

4.3.2 Gas operation (Liquid gas)

Appliances with Piezo igniter/battery igniter

- The refrigerator must be operated using **propane gas (no natural gas or town gas)**. When using LPG gas, please consider that the burner needs cleaning at shorter intervals due to the gas combustion method (2-3 times per year recommended).
- For physical reasons, gas ignition faults could occur starting from an altitude above sea level of approx. 3280 ft. / 1000 m (**No malfunction!**)
- On the initial refrigerator start-up or after a cylinder change, air may be trapped in the gas line. To purge the air from the lines, switch on the refrigerator and any other gas appliances (e.g. stove) for a short time. The gas ignites without delay.

Prior to starting the refrigerator in gas mode :

- Open the gas cylinder valve.
- Open the shut-off valve for gas supply to the refrigerator.

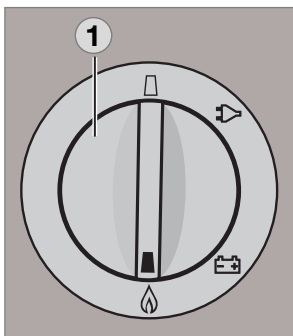


Fig. 9

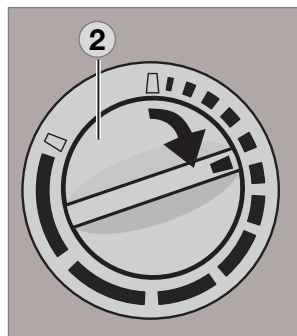


Fig. 10

1. Turn the rotary selector switch **(1)** to position .
2. Turn the temperature selector (1) clockwise and push. Keep the controller button depressed.

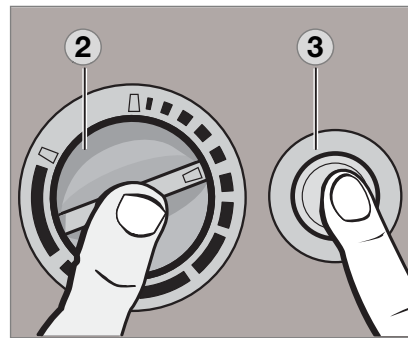


Fig. 11

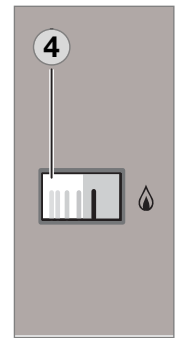


Fig. 12

3. Then, press knob **(3)** of battery igniter down and keep it depressed. The ignition process is activated automatically.
4. Once the flame ignites, the pointer of galvanometer **(4)** begins moving into the green range. The refrigerator is operational. Keep knob (2) depressed for approx. 15 seconds and finally release it.



WARNING!

As a basic rule, gas operation is prohibited in petrol stations!



All refrigerators with manual ignition are equipped with an automatic flame safety valve which interrupts the gas supply automatically after approx. 30 seconds when the flame has extinguished.

4.3.3 Setting of cooling compartment temperature

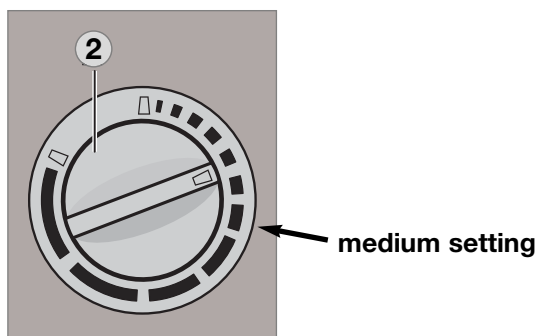


Fig. 13

Select the desired cooling compartment temperature by turning the rotary knob (2).

The scale starts with **MIN** position (small bar = highest temperature) and climbs up to **MAX** position (large bar = lowest temperature).

Note: The temperature levels do not relate to absolute temperature values.

12V: The refrigerator operates without thermostatic control (continuous operation).



The cooling unit's performance is influenced by ambient temperatures. Please select the medium setting for ambient temperatures between 59°F (+15°C) and 77°F (+25°C) (refer to Fig. 13, temperature level 3). The unit operates within its optimum performance range.

Dometic refrigerators work according to the absorption principle. For physical reasons, an absorption system responds slowly to changes made by the thermostat controller, by loss of cooling energy through opening the door or during storing food. The devices meet the cooling performance requirements of the Climatic Class SN acc. to EN/ISO 7371 in the temperature range of 50°F (+10°C) to 89.6°F (+32°C) ambient temperature.

For temperatures below 50°F (10°C), winter covers should be installed. For ambient temperatures exceeding 89.6°F (32°C) for a longer period of time, it is recommended installing a Dometic additional fan. (item no. 958 046 000).

4.3.4 Energy-saving tips



- At an average ambient temperature of 77°F (25°C), it is sufficient to operate the refrigerator at middle thermostat setting.
- Where possible, always store precooled products.
- Do not expose the refrigerator to direct sunlight.
- Ensure that air circulation of the cooling unit is not obstructed.
- Defrosting at regular intervals saves energy (see section 4.11 "Defrosting").
- Open the refrigerator door only for a short period of time when removing products.
- Run the refrigerator for about 12 hours before filling it.

4.3.5 Forced ventilation

To achieve a better air circulation at high ambient temperatures, this appliance is equipped with an additional fan (1).

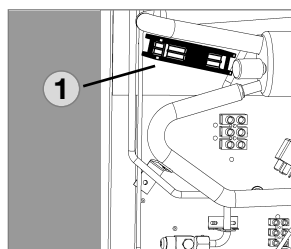


Fig. 14

4.4 Lighting

The interior lighting is controlled by a micro switch.

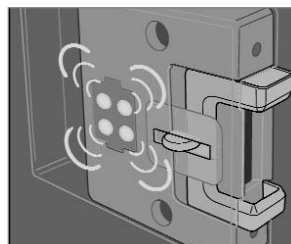


Fig. 15



Please contact the authorized Dometic Service if a failure occurs.

4.5 Door lock

4.5.1 Mechanical door lock

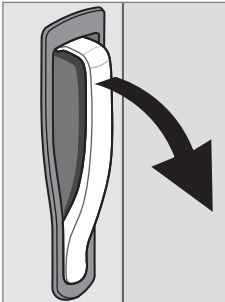


Fig. 16

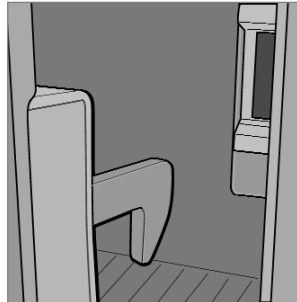


Fig. 17

Open the door by pulling the door handle. Shut the door again by pushing it to close. The snapping into the lock can be heard.

While the vehicle is parked, the locking hook can be fixed for easier opening of the door (see Fig. 18-19).

4.5.2 Fastening and releasing the door lock hook when parking the vehicle

If the vehicle is parked for a longer period of time, the locking hook can be clamped by means of a locking bar. The door can be opened by pulling it.

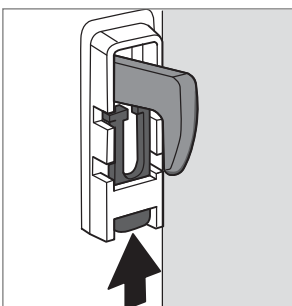


Fig. 18

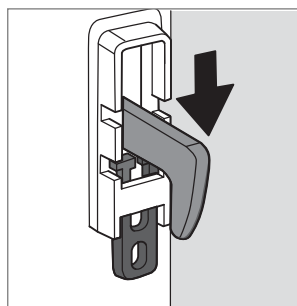


Fig. 19


CAUTION!

As a basic rule, shut and lock the refrigerator before you start your journey!


CAUTION!

Do not open the refrigerator door too far. The door has an opening limit.

The door hinge and the decor panel can be damaged if the door is opened too far.

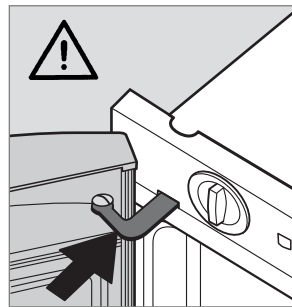


Fig. 20

4.6 Positioning the storage racks

The storage racks may be pulled out by loosening the two locking devices (1) underneath. For loosening pull the slider to the middle, for fastening pull them sideways.

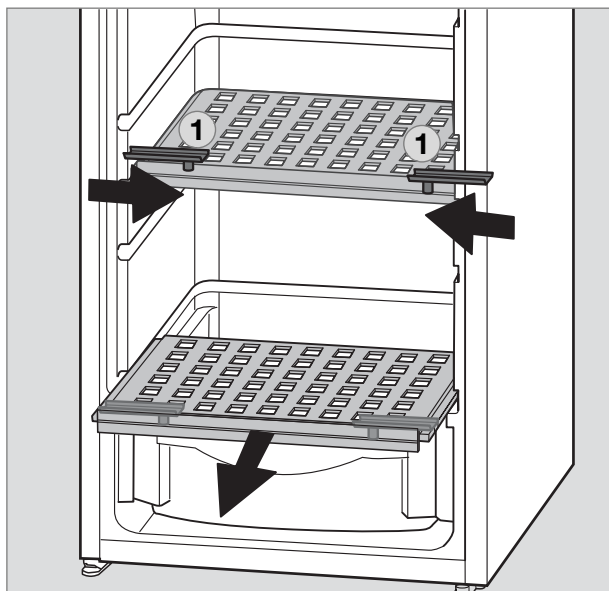


Fig. 21

Two of the storage racks are secured. In this way inadvertent entrapment and suffocation of children is prevented, if the storage racks are removed.

To protect children it must be avoided to create space for children in the cooling compartment.



WARNING!

**Do not remove these storage racks.
Thus children have no space to be
entrapped in the refrigerator.**

If it is necessary to remove these storage racks (i.e. for cleaning) loosen the locking pins (2) at first as shown, by means of a suitable screw driver.

Put in place the locking pins after removing the storage racks.

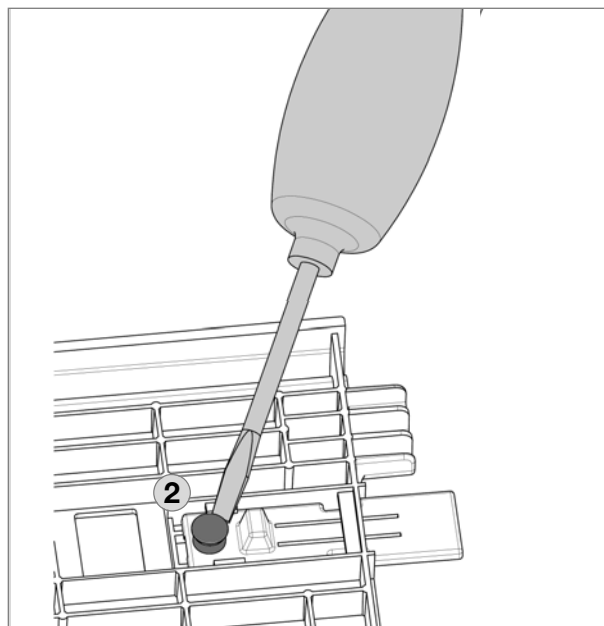


Fig. 22

4.7 Removing the crisper

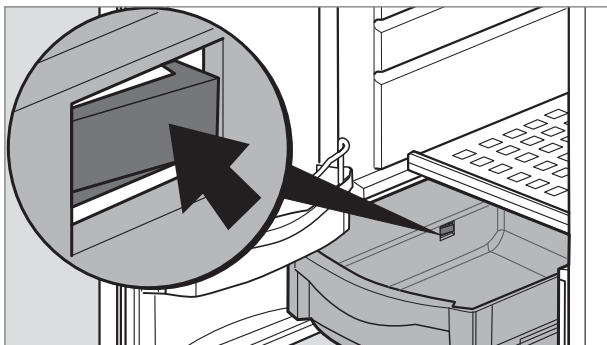


Fig. 23

■ Removal

- Pull out the vegetable bin up to the end stop.
- Press in the end stop in both slide rails.
- Remove the vegetable bin.

■ Installing

- Insert the vegetable bin in the rails and push it in completely.
- After the engagement, the vegetable bin is secured against being pulled out completely again.

4.8 Removable freezer compartment

To enlarge the cooling compartment, just remove the freezer compartment.

- Unlock the freezer compartment door using a screwdriver (Fig. 25).
- Remove the freezer compartment door.
- Unlock the freezer compartment shelf on both sides.
- Pull out the freezer compartment shelf.

Store the parts of the freezer compartment safely in order to prevent damage.

Perform the assembly in reverse order.

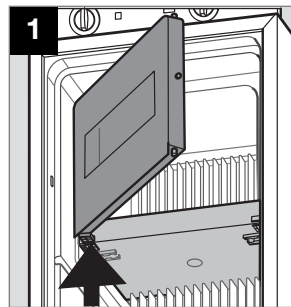


Fig. 24

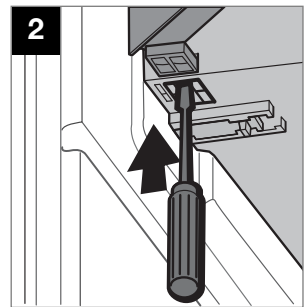


Fig. 25

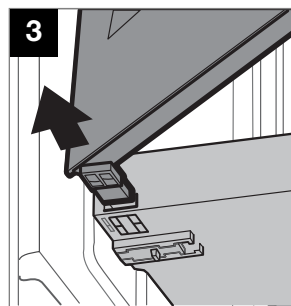


Fig. 26

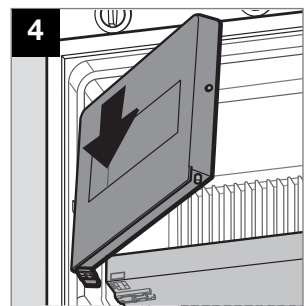


Fig. 27

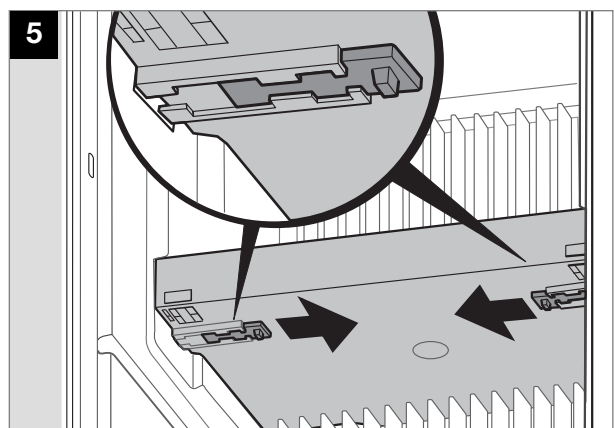


Fig. 28

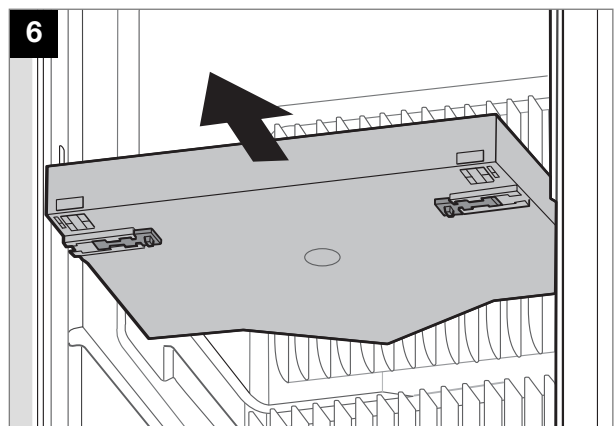


Fig. 29

4.9 Storing food and making ice cubes

4.9.1 Storing products in the cooling compartment

- Switch the refrigerator on approx. 12 hours before filling it.
- Always store pre-cooled foods in the refrigerator. Make sure that the food is well cooled when it is bought and also when transporting it. Use insulated cooling bags.
- Open the refrigerator door only for a short period of time when removing products.
- Products must be packed - best of all in closed containers, wrapped in aluminium foil or similar - and stored separately from each other, in order to prevent drying out or odours.
- Allow foods that have been warmed up to cool down before storing.
- Avoid storing products in the refrigerator that could emit volatile flammable gases.
- Do not overfill the storage grids and compartments to prevent obstructing the internal air circulation.
- Maintain a clearance of approx. 0.2 - 0.4 inches (5 - 10 mm) between chilled products and post-evaporator ("cooling fins").
- Do not expose the refrigerator to direct sunlight. Please bear in mind that the temperature inside a closed vehicle increases sharply if exposed to sunlight and that this can reduce the efficiency of the refrigerator.
- Ensure that air circulation of the cooling unit is not obstructed. Keep the ventilation grilles free from obstructions.

4.9.2 Storing products in the freezer compartment

- Do not keep carbonated drinks in the freezer.

- The freezer compartment is suitable for making ice cubes and for short-term storage of frozen food. It is not suitable as a means of freezing foods.

When ambient temperatures are lower than 50°F (10°C) and the refrigerator is exposed to these temperatures for extended periods of time, an even regulation of freezer temperature cannot be guaranteed for system-related reasons. This can cause the temperature in the freezer to rise and the stored goods to melt.

4.9.3 Refrigerator compartments

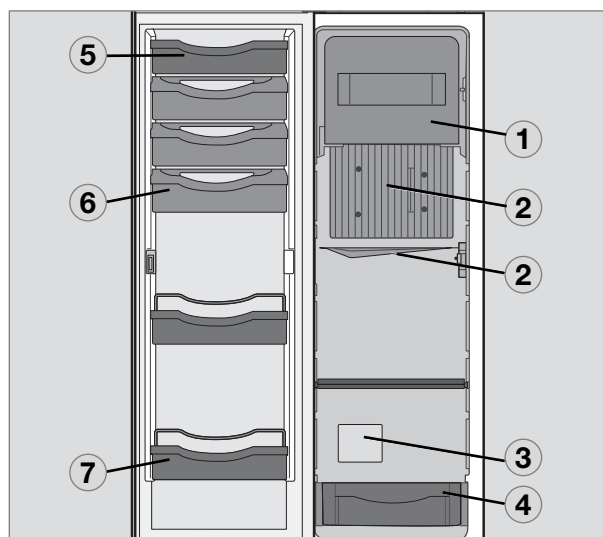


Fig. 30

- 1 Freezer compartment :**
already frozen food (deep-frozen food)
- 2 Middle compartment:**
Dairy products, convenience food
- 3 Bottom compartment:**
Meat, fish, food for defrosting
- 4 Vegetable compartment:**
Salads, vegetables, fruit
- 5 Top door shelf:**
Eggs, butter
- 6 Middle door shelf:**
Cans, dressings, ketchup, jam
- 7 Bottom door shelf (drinks compartment):**
Drinks in bottles or bags

4.9.4 Making ice cubes

Ice cubes are best frozen overnight. At night, the refrigerator has less work to do and the unit has more reserves.

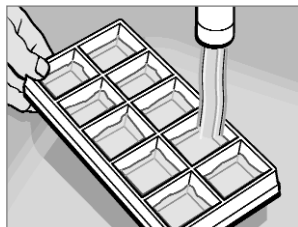


Fig. 31

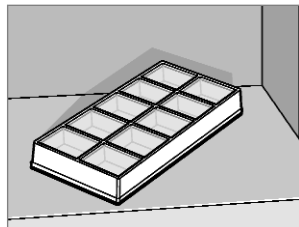


Fig. 32

1. Fill the ice cube tray with drinking water.

2. Place the ice cube tray in the freezer compartment.



WARNING!

Only use drinking water!

4.10 Shutting off the refrigerator

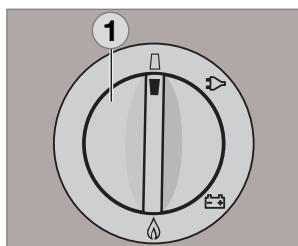


Fig. 33

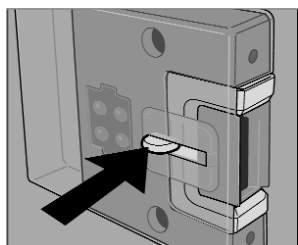


Fig. 34

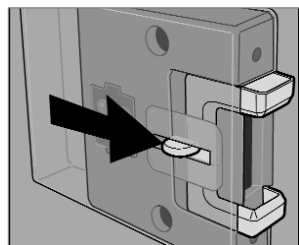


Fig. 35

- For battery igniter models, set the energy selector switch (1) to position "OFF". The appliance is switched off (Fig. 33).
- Release the locking mechanism of the doorlock by pushing it in and moving to the front. If the door is shut in this position, a

small gap is nevertheless kept open to prevent formation of mildew.

- If the refrigerator is to be taken out of service for an extended period of time, close the on-board shut-off valve and the cylinder valve.

4.11 Defrosting

As time goes by, frost builds up on the fins inside the refrigerator. A layer of frost thicker on one side may occur and does not represent a malfunction. When this layer of frost is about 0.118 inches (3 mm) thick, the refrigerator should be defrosted.

- Switch off the refrigerator, as described in section 4.10 *Shutting off the refrigerator*.
- Remove all food and the ice cube tray.
- Leave the refrigerator door open to allow air to enter and to prevent formation of mildew.
- After defrosting (freezer compartment and fins free of frost), wipe both cooling compartments dry with a cloth.

Note: Water thawing in the main compartment of the refrigerator runs into an appropriate container at the back of the refrigerator. From there, the water evaporates.

CAUTION!

The layer of ice must never be removed forcibly, nor may defrosting be accelerated using a heat source!

4.12 Exchanging the igniter's battery

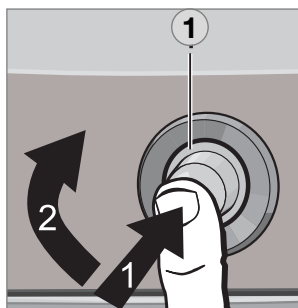


Fig. 36

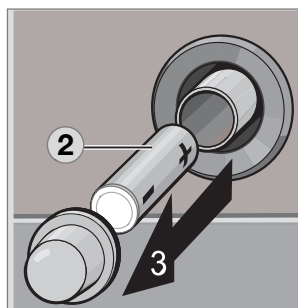


Fig. 37

Unlock the battery (2) by depressing and turning the button (1) approx. 90° clockwise. After removing the cap, the battery (**1.5 V AAA/R3/Micro**) can be removed and replaced. **Observe correct polarity!**

4.13 Winter operation

In Winter, check regularly that the ventilation grilles and the exhaust duct system (1) have not been blocked by snow, leaves, etc.

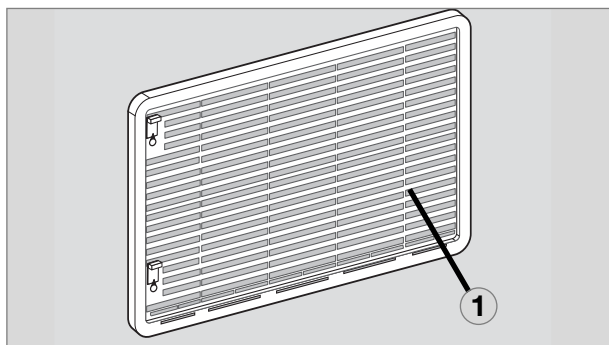


Fig. 38

When the outside temperature falls below **50°F (+10°C)**, the **winter cover** (2) should be fitted. This protects the unit from excessively cold air which could have adverse effects on the performance of the unit.

4.13.1 Assembling the wintercover

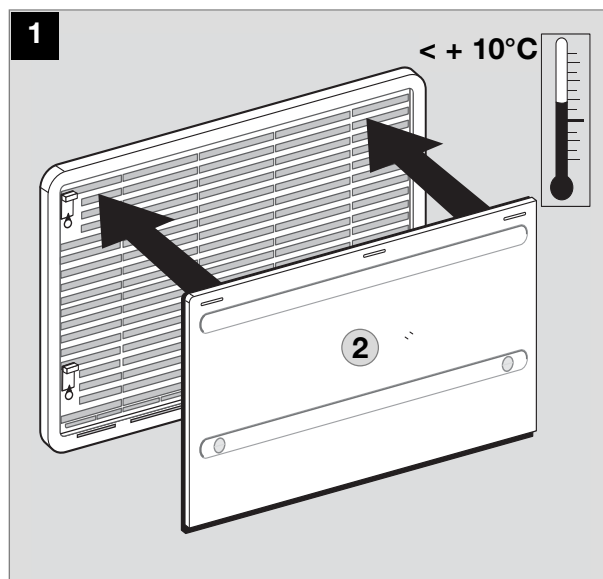


Fig. 39

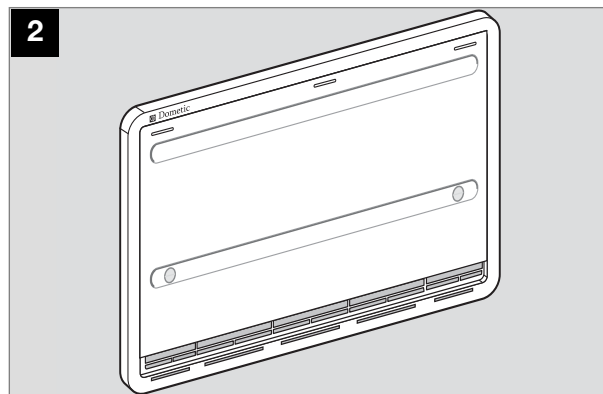


Fig. 40



You should also attach the winter cover if the vehicle is taken out of service for a longer period of time or while it is being cleaned from the outside.

4.14 Troubleshooting

Before notifying the authorized Service Center, please check whether:

- the instructions in section "Operating the refrigerator" have been observed.
- the refrigerator stands level.
- it is possible to operate the refrigerator with any available power source.

Failure: The refrigerator does not cool sufficiently.

Possible cause	Action you can take
■ Inadequate ventilation to the unit. ■ Thermostat setting is too low. ■ The condenser is heavily frosted. ■ Too much warm food has been stored inside within short period of time. ■ The appliance has been running for only a short period of time. ■ Ambient temperatures too high.	■ Check that the ventilation grilles are not covered. ■ Set thermostat to a higher level. ■ Check that the refrigerator door closes properly. ■ Allow warm food to cool down before storage. ■ Check whether the cooling compartment works after approx. 4 - 5 hours. ■ Regularly remove ventilation grilles.

Failure: The refrigerator does not cool in gas operation mode.

Possible cause	Action you can take
■ Gas cylinder empty. ■ Is the upstream shut-off device open ? ■ Air in the gas pipe ?	■ Change gas cylinder. ■ Open shut-off device. ■ Switch off the appliance and start again. Repeat this procedure 3 - 4 times, if necessary.

Failure: The refrigerator does not cool in 12V operation.

Possible cause	Action you can take
■ On-board fuse defective. ■ On-board battery discharged. ■ Engine not running. ■ Heating element defective (please also refer to failure indication).	■ Fit new fuse. ■ Check battery, charge it. ■ Start engine. ■ Please inform the Dometic Customer Services.

Failure: The refrigerator does not cool in 120V operation.

Possible cause	Action you can take
■ On-board fuse defective. ■ Vehicle not connected to mains supply voltage. ■ AES: Gas operation despite connection to the mains supply voltage? ■ Heating element defective (please also refer to failure indication).	■ Fit new fuse. ■ Make a connection to a mains power supply. ■ Appliance switches to gas operation due to insufficient mains supply voltage (automatically switches back to 230V operation). ■ Please inform the Dometic Customer Services.

