

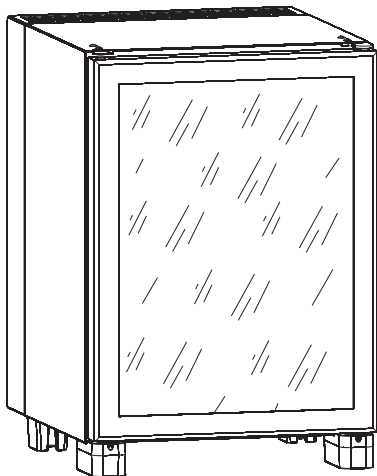


miniBar

RH 429LDAG RH 439LDAG

RH 449LDAG

Type: MB20-60



Operating Instructions

GB





Please read these operating instructions carefully before putting the refrigeration unit into operation. If you later sell or dispose of it, please ensure that the new owner receives these operating instructions.

Please follow the installation details below carefully. Guarantee is valid for products installed as described only. (See chapter 4.1.)

Thank you for choosing our appliance. We are sure it will provide you with trouble-free use.

In the following, we would like to familiarise you with some symbols, which we bring to your attention to ensure the safe and efficient operation of the appliance:



source of danger, in event of improper operation



suggested useful tips to read



information concerning environmental protection

This refrigerator is intended for the storage of food and drinks.



Attention!

- This appliance 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 appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Any electrical work required to install this appliance should be carried out by a qualified electrician.
- This product should be serviced by an authorised Service Engineer, and only genuine spare parts should be used.
- It is dangerous to alter the specifications or modify this product in any way.
- Care must be taken to ensure that the appliance does not stand on the electrical supply cable.
- There are working parts in this product which heat up. Always ensure that there is adequate ventilation as a failure to do this will result in component failure and possible content loss. See installation instructions.
- Parts which heat up should not be exposed. Wherever possible the back of the product should be close to a wall but leaving the required distance for ventilation as stated in the installation instructions.
- Before defrosting, cleaning or maintenance work is carried out, be sure to switch off the appliance and unplug it.
- DO NOT USE SHARP INSTRUMENTS to scrape off frost or ice. Under no circumstances should solid ice be forced off the cooling plate. Solid ice should be allowed to thaw when defrosting the appliance. See defrost instructions.
- This appliance is heavy. Care should be taken when moving it.
- Under no circumstances should you attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause injury or more serious malfunctioning. Refer to your local Service Centre and always insist on genuine spare parts.
- In this appliance the storage of any toxic or explosive substance is forbidden!

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**Attention!**

Warranty arrangements are in accordance with EC Directive 44/1999/CE and the normal conditions applicable in the country concerned.

For warranty or other servicing, such as spare-parts, please contact our Dometic Service Network.

The warranty does not cover any damage due to improper use.

The warranty does not cover any modifications to the appliance or the use of non-original Dometic spare-parts.

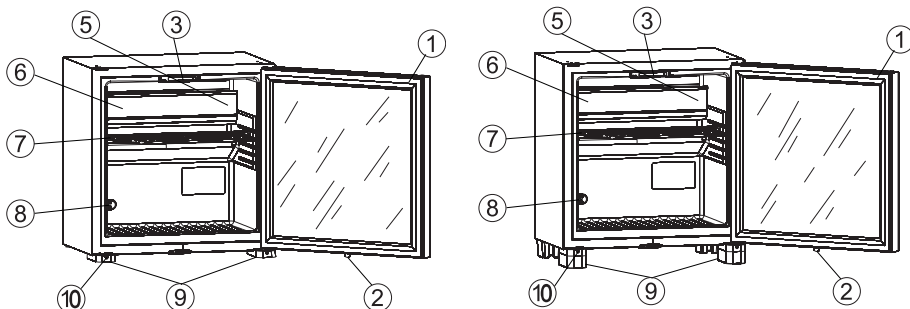
The warranty does not apply if the installing and operating instructions are not adhered to.

When contacting Dometic Service Network, please state the model, product number and serial number. You will find this information on the data plate inside of the refrigerator.

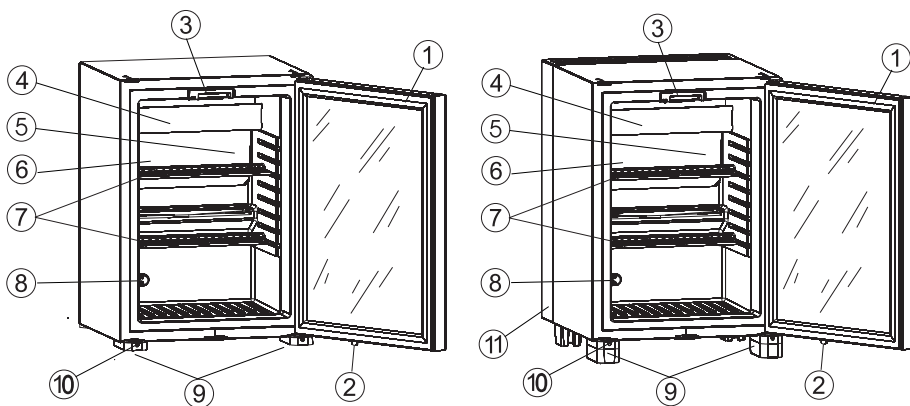
1. Unpacking

After removal from the cardboard packaging, make sure the appliance is not damaged. If you find damage to the appliance resulting from transport, report it immediately to the transportation firm.

2. View of the appliance



RH 429 LDAG



RH 439/449 LDAG

Figure 1.

- | | |
|--|----------------------------|
| 1. Door | 7. Shelves |
| 2. Door lock (if available) | 8. Air sensor |
| 3. Lamp | 9. Foot |
| 4. Evaporator cover | 10. ADC LED (if available) |
| 5. Evaporator sensor (behind evaporator) | 11. Cowl |
| 6. Evaporator | |

IN CASE IF YOUR REFRIGERATOR IS EQUIPPED WITH LOCK, DOMETIC ZRT DO NOT ACCEPT LIABILITY FOR LOSS OR DAMAGE OF KEYS. HOWEVER A COMPLETE LOCK CAN BE SUPPLIED.

3. Cleaning

i Clean the refrigerator thoroughly at intervals, as necessary. Remove the shelves; these, parts, as well as the cabinet interior and the door should be washed with a warm solution of sodium bi-carbonate. Finally wipe over with a cloth rinsed in warm water only, and dry with a clean cloth. Do not wash any plastic parts in water that is more than hand warm, and do not expose them to dry heat. The outside of the cabinet should be wiped down regularly with a clean, damp cloth.

NEVER USE STRONG CHEMICALS OR ABRASIVE CLEANING MATERIALS ON ANY PART OF THE CABINET.

4. Positioning the appliance

When first using this refrigerator please consider the following points:

- ENSURE REFRIGERATOR IS LEVEL
- THE PIPEWORK AT THE BACK GETS HOT IN USE
- THE REFRIGERATOR HAS NO 'MOTOR' AND IS THEREFORE VIRTUALLY SILENT
- ALLOW AT LEAST 3 HRS. FOR SIGNS OF COOLING

i During the refrigeration process, the appliance gives off heat from the condenser (under the upper part of the rear cover) into the surrounding air. The more ventilated the condenser is, the more effective the refrigeration will be.

- The other condition for satisfactory operation is that the appliance is levelled. This could be checked by placing a glass of water on top of the appliance.
- It is important that the appliance is not directly exposed to radiated heat (sunlight, radiator, near an oven, etc.).

4.1. Installation instructions

The refrigerator is equipped with an electrically heated absorption cooling unit which is virtually silent in operation. The fridge is designed for free-standing installation, but can be built-in if the following conditions are complied with to ensure satisfactory operation and maximum cooling efficiency.

The miniBar can be screwed to the furniture using the fittings at the bottom. Drive in the screws (figure 2).

At the building-in process please take into consideration the items listed below.

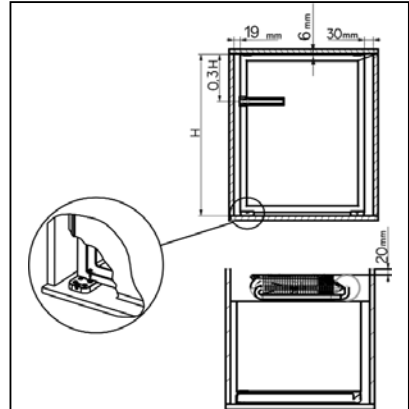


Figure 2.

! IMPORTANT

Please follow the installation details below carefully. Guarantee is valid for products installed as described only.

1. The refrigerator must be level both directions
2. There should be 20 mm clearance to the wall
3. Ventilation must be provided as shown in alternatives A, B, C or D (fig. 3-4)

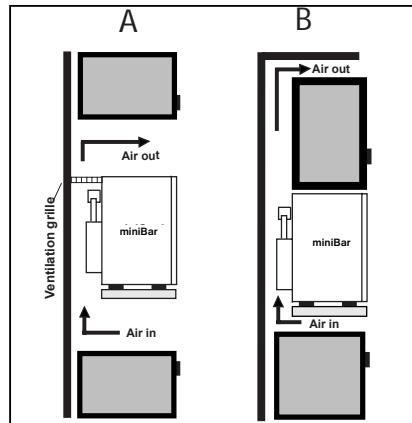


Figure 3.

4. The ventilation duct must at least measure 105 mm x the width of the refrigerator
5. Only the entire cooling unit must project into the duct as shown
6. Air passing through the duct must not be preheated by any source of heat
7. Ventilation grills, if used, must have a free openings of at least 200 cm² each

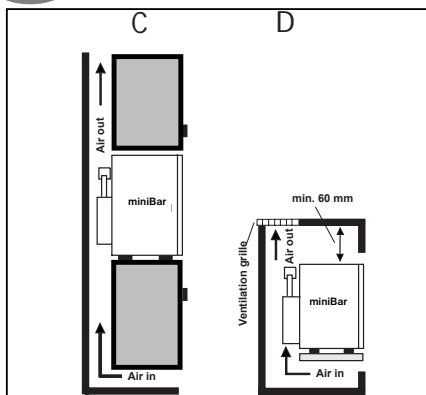



Figure 4.

 **During installation, please ensure the mains plug is accessible at all times.**

5. Using the appliance

To start the refrigerator connect the plug to the socket outlet. The empty refrigerator needs about 6-7 hours at normal ambient temperature to reach the proper temperature in the storage compartment.

5.1. Initial operation

- The device must be plugged into a properly earthed socket.
- The miniBar starts automatically with a self-test. If the electronics do not detect any fault, the LED for the interior lighting illuminates for 2 seconds after approximately 10 seconds. If a fault is detected, the illumination changes to a continuous flashing light. If this occurs, please consult your authorised Customer Service.

5.2. Temperature regulation

The miniBar is fitted with a fully automatic electronic temperature regulator. It is not needed to set the temperature of the storage compartment manually.

5.3. Cooling unit control (CUC)

The electronic checks the function after every defrosting period (every 24 hours) by measuring the evaporator temperature drop. If it registers a problem the refrigerator will shut down and the LEDs of the interior light will begin to flash continuously. If this happens you should check whether the refrigerator has been overloaded, that the door was properly closed, that the cooling unit ventilation is correct and that the refrigerator is levelled. After checking, unplug the refrigerator at least for 10 seconds and plug in again. This resets the unit and it will function again. If no sign of cooling there is a problem and you should then contact Dometic service.

6. Useful suggestion

Do not overfill the appliance. If possible, always store pre-cooled food and/or drinks. It is advisable to leave some space between the products in the cabinet to ensure efficient and even cooling. If the shelves are packed too tightly there may be unacceptable temperature variations.

7. Defrosting, cleaning and maintenance

Frost will gradually form on the cooling plate and it must not be allowed to become too thick since it restricts the cooling.

This miniBar is fitted with a fully automatic electronic temperature regulator.

The frost will melt and the defrost water will run through the drain tube from the drip channel into an evaporating vessel located at the bottom rear of the refrigerator. (Fig. 5) The defrost water will evaporate automatically into the circulating air and the vessel will not need emptying.

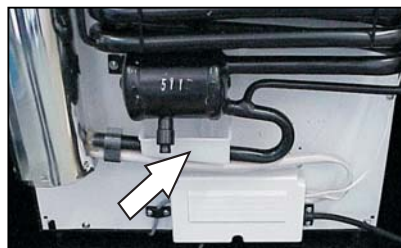


Figure 5.

To switch off the unit, disconnect the refrigerator from the electricity supply and leave the cabinet door open. After defrosting the cabinet interior should be wiped out with a clean, damp cloth.

7.1. Automatic defrost function

The first defrosting phase commences 39 hours after the start and lasts for two hours.

After this, the device operates for 22 hours at a time, followed by a defrosting period of 2 hours.

7.2. Interior light (fig. 6.)

Two light-emitting diodes (A) on an electronic PCB illuminate the cooling compartment when the door is opened.

Two sensors (B) control whether the door is open or not and the LEDs and the door control as well will work accordingly.

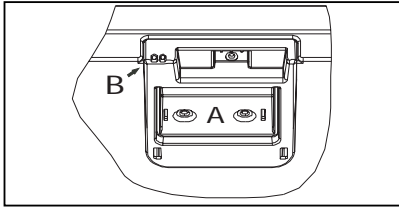


Figure 6.

7.3. Automatic Door Control LED (ADC) (optional)

The LED (Fig. 7.A) mounted to the screw down foot lower door hinge indicated whether the miniBar door has been opened. If so then:

1. Open the miniBar, check the content in the compartment and if necessary, replenish.
2. Reset the door control signal by holding the Remote control against the door opening sensor (Fig. 6. B) and push the button.
3. Close the miniBar.

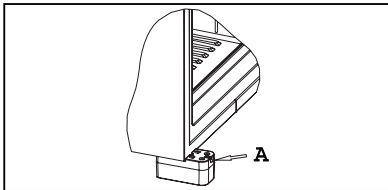


Figure 7.

8. Reversing the door hang (Fig. 8.)

Reversing is suggested to perform in the following way, in order to avoid breaking of the hinge bolt:

- Disconnect the mains
- Lay the appliance down carefully on its back

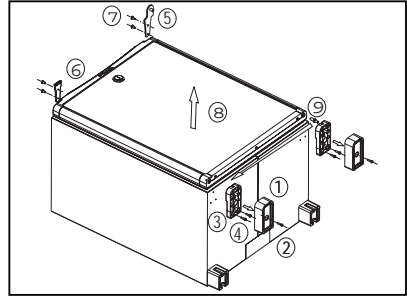


Figure 8.

- Take down the two foot-extension (1) pieces by removing the two screws (2)
- Remove the four screws (4) and take out the two fixing feet (3)
- Remove the four screws (7) the upper hinge (5) and the cover cap (6)
- Remove the door (8), together with the upper hinge (5), from the housing
- Insert the upper hinge (attached the miniBar) and the covering plate in the slot on the opposite side and secure with four screws (7).
- Insert the door on the upper hinge and place it.
- Mount the fixing feet (3) with hinge bolts (9) placed into the opposite side of the feet
- Mount the two foot-extension pieces (1)
- Check that the door closes easily and is sealed properly.

9. Customer service

Before you call a service engineer, carry out the following simple tests:

Problem	Possible cause	Solution
The appliance does not cool sufficiently	Too much food to be cooled was put in.	Put in less food to be cooled.
	Door is not shut properly.	Check if the door is shut.
	Internal air circulation is restricted.	Provide inside cool air circulation.
The appliance does not cool at all.	CUC system stopped the operation.	See operating instruction 5.3.
	Plug is not connected to the mains socket properly	Check if the connection is proper.
	There is no voltage in the mains socket.	Check if there is voltage.

If after checking all the above points, the refrigerator is still not working satisfactorily, contact your nearest service engineer. State the problem, model, product- and serial-number.

(Details of the model, product- and serial-number are to be found on the data label in the top left of the inside compartment.)

In the event of a fault developing, contact your nearest Service Centre-see local telephone directory.


www.dometic.com

10. Putting into operation

Technical data:

Model	RH 429LDAG	RH 439LDAG	RH 449LDAG
Type	MB20-60	MB20-60	MB20-60
Gross volume	25 litres	29 litres	37 litres
Mains operation	220 - 240V (AC)	220 - 240V (AC)	220 - 240V (AC)
Input	75W	75W	75W
Energy consumption	1.02 kWh/24h	1.1 kWh/24h	1.2 kWh/24h
Climate class	N	N	N
Refrigerant	159g H ₂ O+86g NH ₃	147g H ₂ O+98g NH ₃	147g H ₂ O+98g NH ₃

10.1. Connecting to electrical mains

 The appliance may only be operated from nominal voltage mains as shown on the data plate. The appliance mains plug may be connected to a mains socket earthed in accordance with regulations.

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

The manufacturer declines any liability should these safety measures not be observed.

Electrical Requirements

Before switching on, make sure the electricity supply voltage is the same as that indicated on the appliance rating plate.

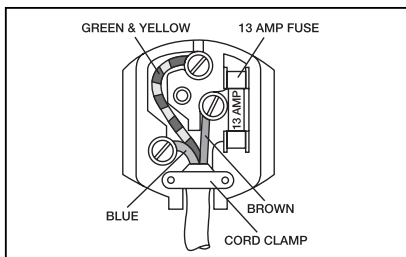
Only for UK:

The appliance is supplied with a 3 Amp plug fitted. In the event of having to change the fuse in the plug supplied, a 3 Amp ASTA approved (BS 1362) fuse must be used. Should the plug need to be replaced for any reason, the wires in the mains lead are coloured in accordance with the following code:

Green and Yellow: Earth

Blue: Neutral

Brown: Live



The wire coloured green and yellow must be connected to the terminal marked with the letter "E" or by the earth symbol \oplus or coloured green and yellow.

The wire coloured blue must be connected to the terminal "N" or coloured black.

The wire coloured brown must be connected to the terminal marked "L" or coloured red.

Upon completion there must be no cut, or stray strands of wire present and the cord clamp must be secure over the outer sheath.

11. Environmental protection information

Ammonia (natural hydrogen and nitrogen compound) is used as a refrigerating agent in the refrigeration unit.

The ozone-friendly cyclopentane is activated as a motive agent for the PU foam insulation.

Sodium chromate is used for corrosion protection (less than 2 weight % of the coolant).

12. Recycling

After unpacking the appliance, the packing materials should be delivered to a local collection site. At the end of its useful lifetime, the appliance should be delivered to a specialized collection and reprocessing firm, which reclaims the usable materials. The rest is properly destroyed.



Appliances bearing this symbol must be deposited at the designated local reception point for the disposal of electrical and electronic equipment.

It is not permitted that this product be disposed of by way of the normal household refuse collection system.

Domestic refrigerators bear this symbol on the specifications plate (data plate) to be found in the interior of the unit.

This appliance complies with the following EEC directives:

LVD-Directive amendment	73/23/EEC with 90/683/EEC
EMC-Directive	89/336/EEC
RoHS - Directive	2002/95/EC



Bitte lesen Sie diese Anleitung sorgfältig, bevor Sie das Gerät einsetzen. Sollten Sie das Gerät weiter verkaufen oder entsorgen, übergeben Sie bitte diese Anleitung dem neuen Besitzer.

Bitte beachten Sie die folgenden Installationsanweisungen genau. Garantieleistungen können nur in Anspruch genommen werden, wenn die Installation gemäß den Installationsanweisungen erfolgt. (siehe Kapitel 4.1)

Vielen Dank, dass Sie sich für eines unserer Produkte entschieden haben. Wir hoffen, es wird Ihnen jahrelang zuverlässige Dienste leisten. In dieser Anleitung möchten wir Sie mit einigen Symbolen vertraut machen, die Ihnen beim sicheren und effizienten Einsatz des Geräts helfen werden:



Gefahr bei unsachgemäßem Einsatz des Geräts



Empfehlungen für die Benutzung des Geräts



Informationen zum Umweltschutz

Dieses Kühlgerät dient ausschließlich der Aufbewahrung von Speisen und Getränken.



Achtung!

- Dieses Gerät ist nicht für die Benutzung von Personen (auch Kindern) mit physischen, sensorischen oder mentalen Beeinträchtigungen oder Mangel an Erfahrung und Wissen vorgesehen. Außer, die für sie verantwortliche Person gibt ihnen Anleitung und Beaufsichtigt sie. Kinder sollten Beaufsichtigt werden um sicher zu stellen, dass sie nicht mit dem Gerät spielen.
- Notwendige Arbeiten an der Elektrik zur Installation dieses Geräts dürfen nur von einem qualifizierten Elektriker durchgeführt werden.
- Notwendige Wartungsarbeiten müssen von einem Elektriker durchgeführt und es dürfen ausschließlich Originalersatzteile verwendet werden.
- Es kann gefährlich sein, das Gerät oder einzelne Komponenten in irgendeiner Weise zu verändern.
- Achten Sie darauf, dass das Netzkabel niemals unter dem Gerät eingeklemmt wird
- Einige Komponenten im Geräteinnern heizen sich im Betrieb auf. Stellen Sie sicher, dass stets ausreichend Luftzirkulation zur Verfügung steht, da das Gerät sonst beschädigt werden kann und der Inhalt verdirbt. Siehe auch Installationsanweisungen.
- Heiße Gerätekomponenten dürfen nicht frei zugänglich sein. Stellen Sie das Gerät daher mit der Rückwand gegen eine Wand. Halten Sie dabei aber den in den Installationsanweisungen angegebenen Mindestabstand ein, damit die erforderliche Luftzirkulation gewährleistet ist.
- Ziehen Sie vor dem Abtauen, der Reinigung oder Wartungsarbeiten stets den Netzstecker.
- Schaben Sie das Eis NICHT MIT EINEM SPITZEN GEGENSTAND ab. Entfernen Sie fest sitzendes Eis niemals mit Gewalt von den Kühlrippen. Lassen Sie es in Ruhe abtauen. Siehe dazu Abtauanweisungen.
- Das Gerät hat ein beträchtliches Gewicht. Seien Sie vorsichtig, wenn Sie es bewegen.
- Versuchen Sie niemals, das Gerät selbst zu reparieren. Reparaturen durch fachfremde Personen können zu Verletzungen oder zu Schäden am Gerät führen. Wenden Sie sich an Ihren örtlichen Händler und verlangen Sie ausdrücklich Originalersatzteile.
- Die Lagerung von giftigen oder explosiven Stoffen in dem Kühlgerät ist nicht gestattet!

