

INSTRUCTIONS for USE
INSTALLATION INSTRUCTIONS**miniBar****HiPro 3000****HiPro 4000****HiPro 6000****HiPro Vision****ENGLISH**Type H20 / 60
821 2660-01

T.B. 04/2005 MB

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Model No. _____

Product No. _____

Serial No. _____



Information



Attention



Environmental
Advice



Warning

These operating instructions should be kept in a safe place.

If this device is passed on, please include these operating instructions with it.

1.0

INTRODUCTION

You have made an excellent choice by choosing the **Dometic miniBar**. We are convinced that you will be satisfied with your new appliance in every way. Silent in operation because of the Absorption principle, the miniBar fulfils high quality standards and guarantees an efficient use of resources and energy during its entire working life, i.e. during manufacturing, use and disposal. Please study the installation and operating instructions carefully before attempting to operate the miniBar.

2.0

FOR YOUR SAFETY

2.1

Warnings and Safety Advice

- **In the interests of children's safety:**
When disposing of the refrigerator, remove all doors and leave the shelves inside. This prevents children from being accidentally trapped or suffocated in the refrigerator.
- Never open the cooling unit - it is under high pressure.
- Never store explosive substances, such as lighter fuel, petrol, ether or similar products in the miniBar.
- **The minibar is not suitable for the proper storage of medications.**
- The miniBar must be installed in such a way that accidental contact with the cooling unit (which heats up when in use) is impossible.
- The appliance has to be connected to a properly earthed socket in line with the relevant valid country regulations.
- Servicing must only be carried out by authorised service personnel.

2.2

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 of ammonia - about twice as much as is used in the refrigerator). Sodium chromate is used for corrosion protection (1,8% of the coolant).

If a leak occurs (which can be easily detected due to the unpleasant smell):

- Switch the device off (pull mains plug, if applicable);
- Ventilate room thoroughly.
- Inform hotel personnel.

For the safety of hotel guests and personnel, it has been established by inspectors that the coolant poses no threat to health.

3.0

WARRANTY AND CUSTOMER SERVICE

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

For warranty or other servicing, please contact our Dometic service 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. Parts can be ordered throughout Europe from our Dometic service department.

When contacting customer service, please always state **model, product number,**

MLC-Code and serial number !

You can find this information on the model label inside the device.

e.g. MOD. No. **HIPro 3000** PROD. No. **0921.0617.10** MLC **01** SER. No. **99410001**

4.0

INSTALLATION

4.1

The Purpose of this Manual

The manual shows you how to:

- install the miniBar correctly.
- operate the miniBar correctly.
- guarantee the miniBar's correct maintenance and functioning.
- deal with faults by yourself.

4.2

Tools / Materials Required

You will need the following tools for initial operation:



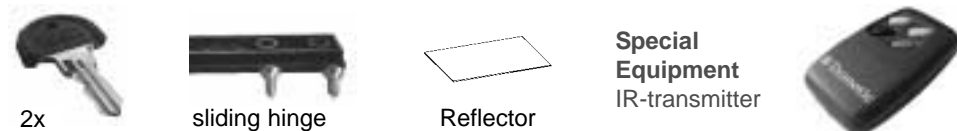
4.3

Unpacking

Check during unpacking that the device is defect-free.

- Report transport damage to the transport company within 48 hours.
- Check that the voltage noted on the model label corresponds to the mains voltage.

Depending on the model, the following parts can be found in the miniBar :



4.4

Cleaning

Before operating the miniBar, we recommend you clean it both inside and outside.

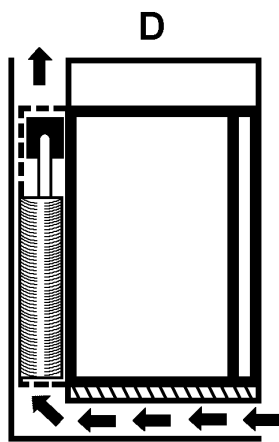
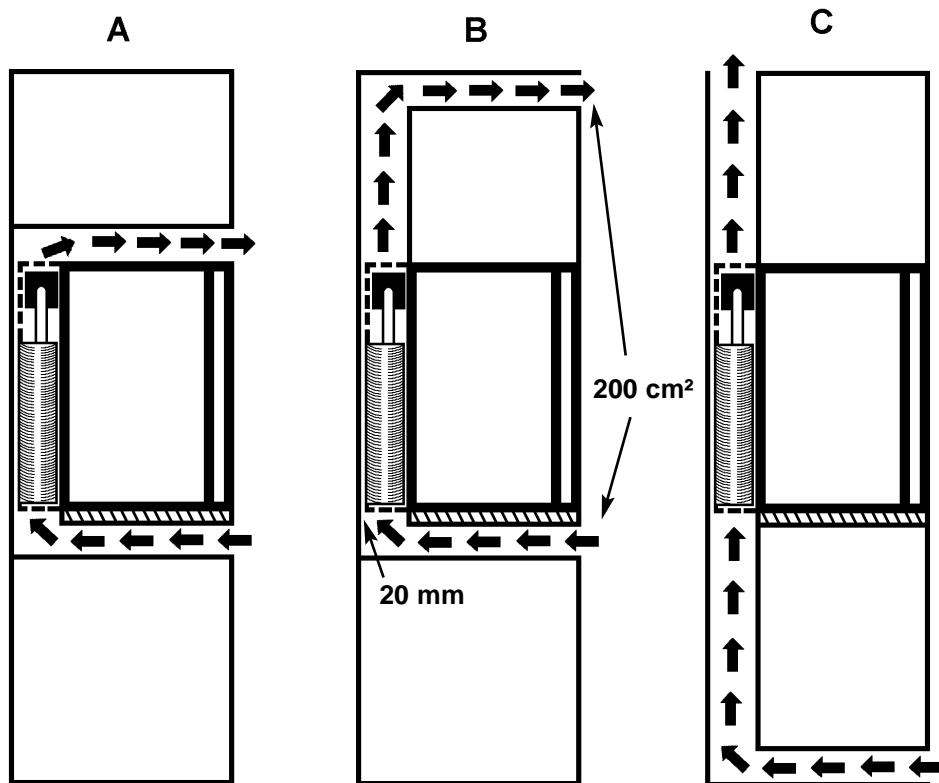
- Use a soft cloth, lukewarm water and a mild detergent.
- Following this, wash out the miniBar using clean water and dry thoroughly.
- At annual intervals, remove dust from fridge aggregate using a brush or soft cloth.

ATTENTION

To prevent material damage:

- Do not use soap or detergents which are harsh, coarse or which contain soda.
- Keep the door seal free from oil and grease.
- The cylinder locks have been lubricated in the factory to be long-lasting.

Installation

**IMPORTANT:**

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

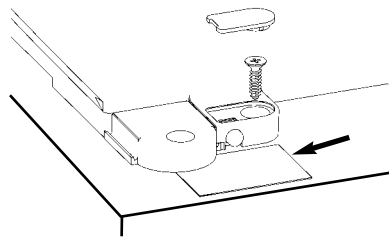
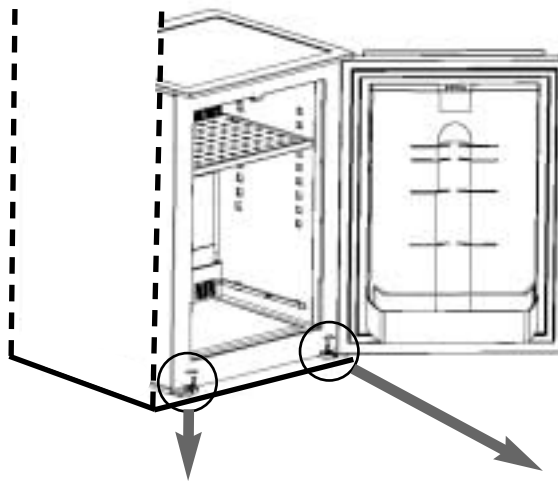
1. The refrigerator must be level both directions.
2. There should be 20mm clearance to the wall.
3. Ventilation must be provided as shown in alternatives A, B, C or D.
4. The ventilation duct must at least measure 105mm x the width of the refrigerator.
5. Only the entire cooling unit must project into 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 openings of at least 200cm² each.



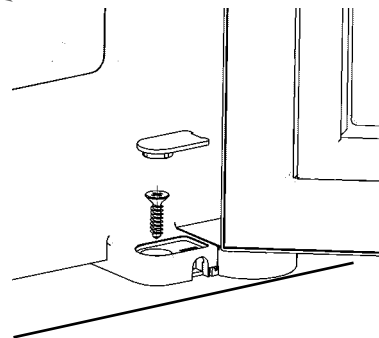
The mains plug/socket must be freely accessible once the miniBar has been installed.

4.6

Securing



Stick on supplied reflector., ...



Drive in the screws and place the caps on.

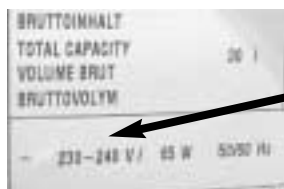
When being built into a cupboard or a recess, the miniBar must be positioned in such a manner that both hinges/feet of the unit lie flush.

The miniBar is then (see Figures a, b) screwed, at its hinges, to the piece of furniture in question.

In the case of units with 8mm feet and with LED option for the door opening control, the reflector delivered with the unit must also be installed in the manner shown in Figure a.

4.7

Connecting the Device to the Electricity Supply



- The device must be connected to a properly earthed socket in line with the relevant valid country regulations.
- The mains plug/socket must be freely accessible.
- Check prior to initial operation that the voltage noted on the model label corresponds to the mains voltage.

If this is not the case, do not connect the device and contact your dealer!



If the connection cable is damaged it must be replaced by the Customer Service at Dometic, or by respectively qualified personnel, in order to prevent any hazards.

4.7.1

△ Attention: For GB only !

Plug connection for United Kingdom only

If a 3-pin plug is used, it should be fitted with a 3 amp fuse, with other plug types, the circuit should contain a 5 amp fuse.



Warning - This appliance must be earthed.

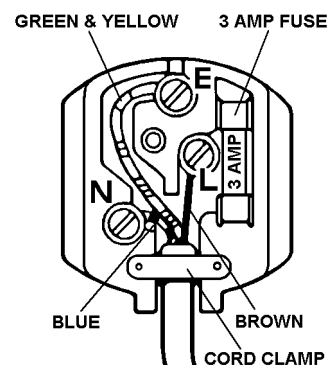
IMPORTANT

The wires in the mains lead of this appliance are coloured in accordance with the following code:

GREEN and YELLOW : EARTH
BLUE : NEUTRAL
BROWN : LIVE

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.

1. Connect the GREEN and YELLOW coloured wire to the plug terminal marked letter **E** or earth symbol or coloured green or green and yellow.
2. Connect the BROWN coloured wire to the plug terminal marked letter **L** or coloured red.
3. Connect the BLUE coloured wire to the plug terminal marked letter **N** or coloured black.



Moulded-On Plug Version

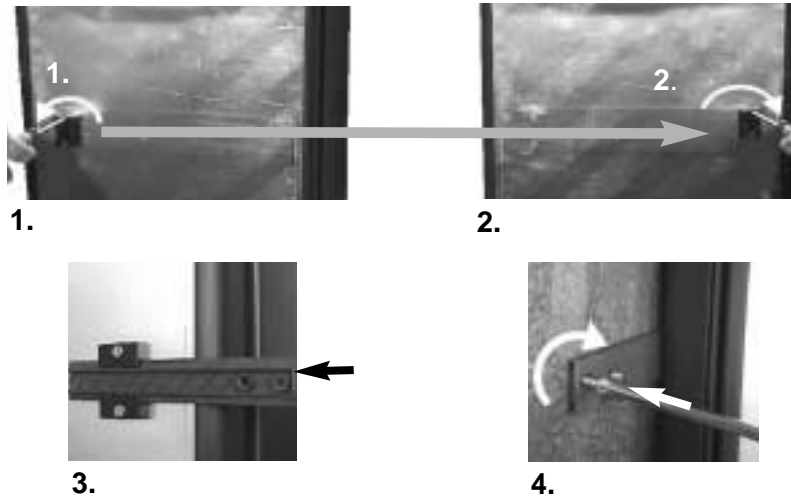
The mains lead is fitted with a non-rewirable moulded-on plug containing a 3 amp fuse. If the fuse requires replacing at any time, the fuse cover/carrier should be removed using a small screwdriver to level out. The old fuse should be replaced by a 3 amp ASTA approved BS1362 fuse and the fuse cover/carrier must be refitted before the plug is used again. If the fuse cover-carrier is lost, a replacement can be obtained from the Dometic Service Shops.

The fuse cover/carrier must be of the same colour as that of the coloured insert in the base of the plug. In no circumstances must the plug be used without a correct fuse cover/carrier fitted.

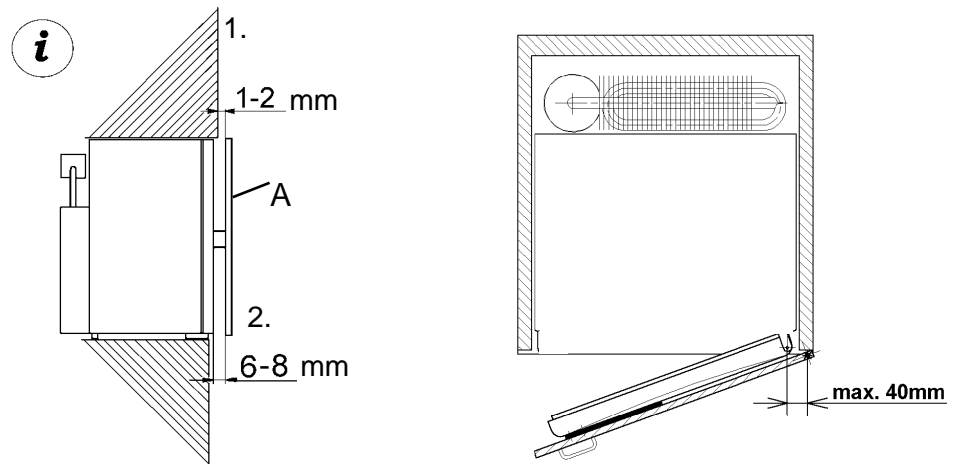
If the plug supplied on the mains lead is not suitable for the socket in your home, it should be cut off and disposed of safely, or destroyed, to avoid any possible shock hazard resulting from the plug being inserted into a 13 amp socket elsewhere in the use. A suitable replacement plug should then be fitted as given above.

4.8

Changing the Sliding Hinge



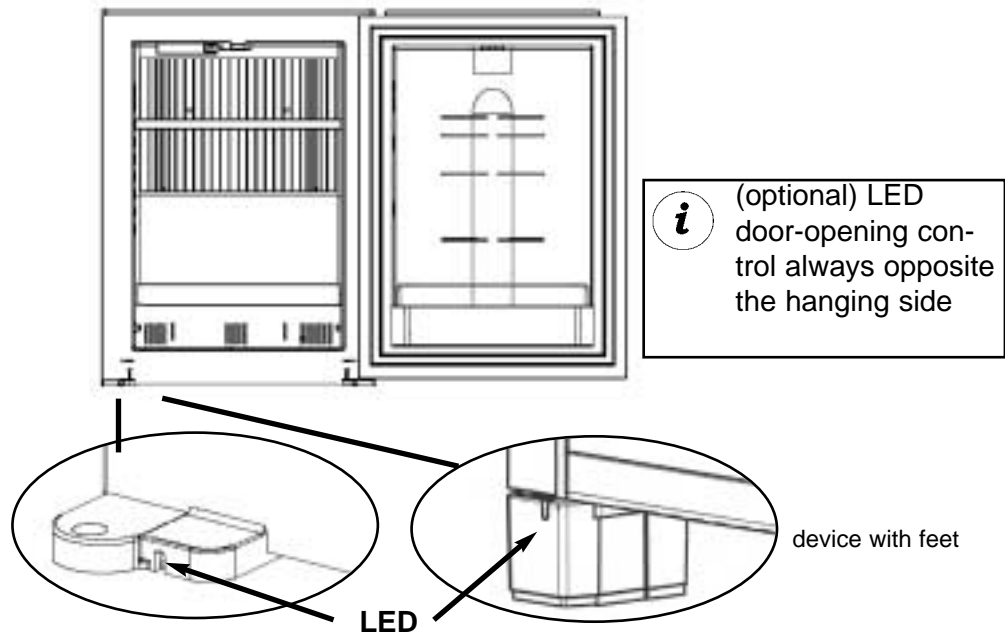
Distance to cupboard door (A)



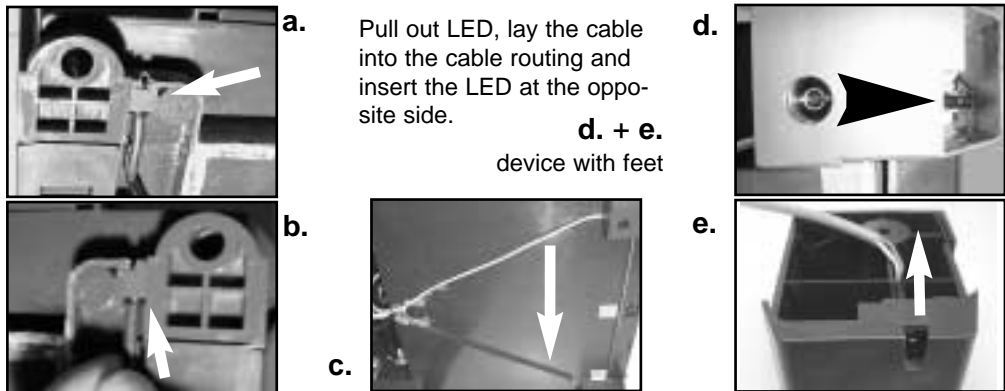
1. When closed, the cupboard door (A) must not lie against the rest of the surrounding cupboard area (distance 1-2mm).
2. There must be a distance of 6-8mm between the cupboard door and the miniBar.

4.9

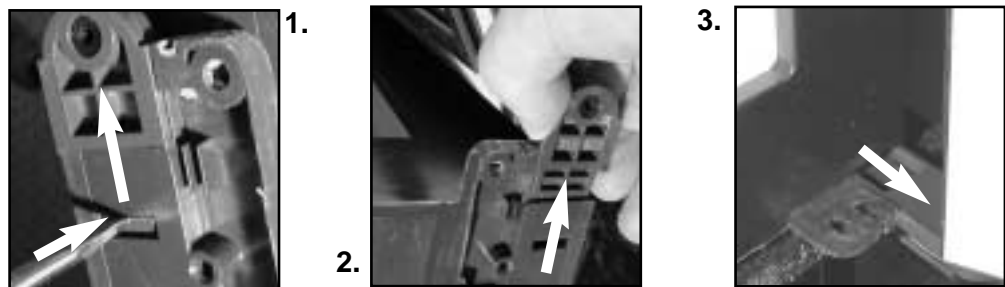
Changing the Doorhang



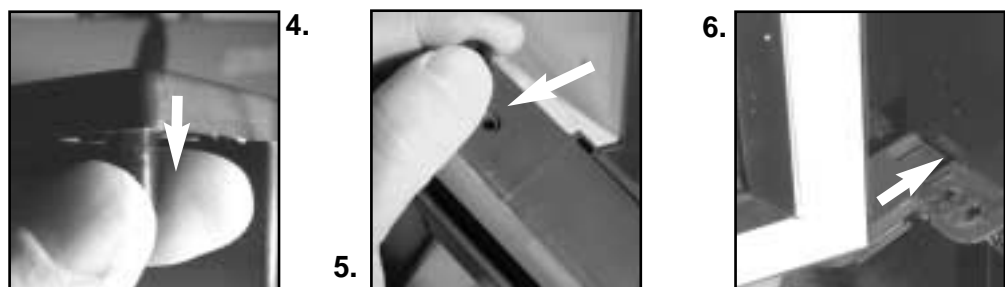
If the miniBar is equipped with the LED first carry out steps a. - e. :



Pull the lower hinges forwards, pull out the door with the hinge.



Remove the upper hinge pin and insert on the other side, change the lower pin in the door. Then push the door in together with the lower hinge.



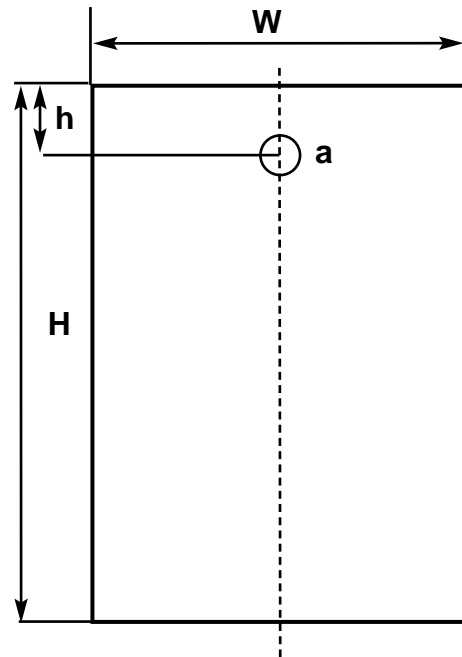
4.10

Decor Panel

4.10.1

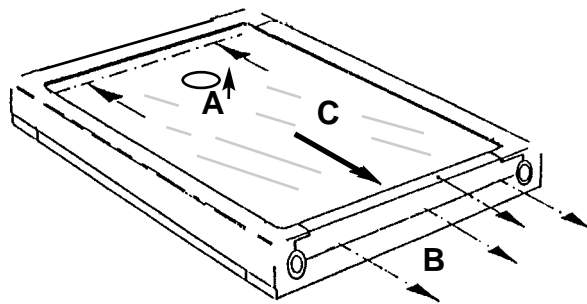
Measurements

Thickness	0,4 mm
H x W (mm)	
HiPro 3000	492 x 294,5
HiPro 4000	524 x 311,5
HiPro 6000	533 x 376,5
Hole for door lock (a)	
diameter	∅ 23,5 mm
distance from the edge (h)	62 mm



4.10.2

Changing the decor panel



- Detach the lower door hinge and pull the door out (see also "4.9").
- Remove the holder for the lock (A) (mounted).
- Detach the lower frame section (B) (not screwed) and remove.
- Slightly bend the decorative panel (C) and pull it out of the door frame.
- Push in a new decorative panel with the upper edge running exactly parallel to the upper part of the frame.
- Place the frame section (B) on and press firmly (clip in)
- Place the door onto the lower hinge, insert the hinge pin into the top of the door, push the door with the hinge into the hinge receptacle at the bottom and allow the hinge to notch. Insert the hinge pin in the door, push in the door and let the hinge click in.

Remark (devices without doorlock):

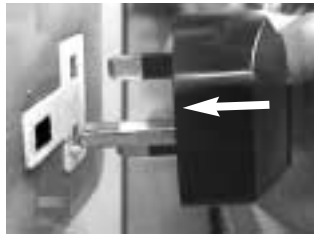
- Additional installation of a door lock is possible (available from Dometic)
- In the door the position for the opening is prepared.
- Drill the hole in accordance to the drawing above.

5.0

INSTRUCTION for USE

5.1

Initial Operation



i The miniBar operates silently !

- 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.
- The miniBar achieves its operating temperature after several hours.

5.2

Temperature Control

The miniBar is fitted with an electronic temperature control which works fully automatically.

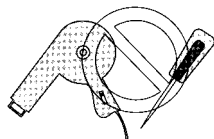
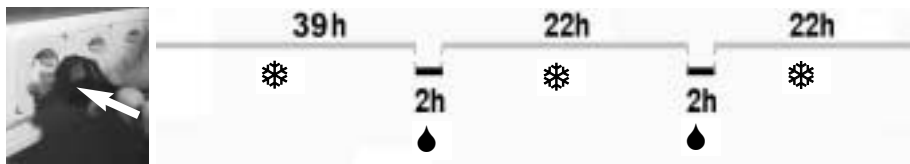
*A preadjustment of 3° or 5° is possible by means of an **optional** remote control.*



5.3

Automatic Defrost Function

- The first defrosting phase commences 39 hours after the initial operation and lasts for two hours.
- After this, the device operates for 22 hours at a time, followed by a defrosting period of 2 hours .



The ice layer must never be removed using force, nor must the defrosting process ever be accelerated using a heater.

5.4

Leakage Detection

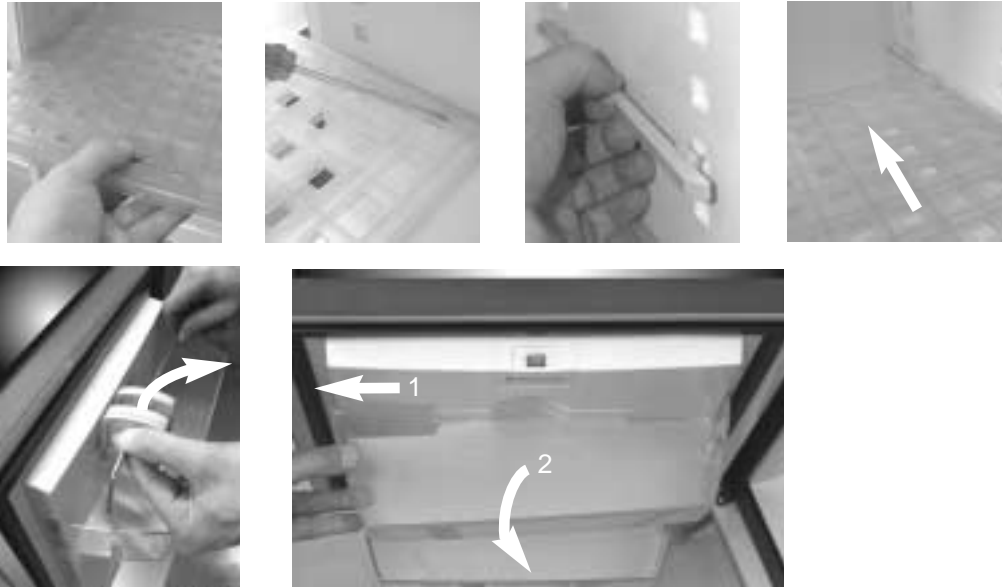
The electronics carry out a leakage test after every defrosting period (every 24 hrs) by measuring the temperature at the evaporator by means of a second sensor.

If the electronics detect a leak, the miniBar is automatically switched off . The LED for the interior lighting changes after approx. 10 secs. to a continuous flashing. (The LED of the door-opening control flashes synchronously , if available.)

5.5

Positioning of the Storage Rack and Shelf

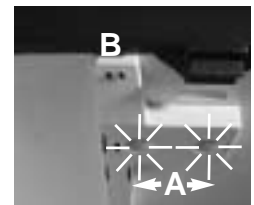
- Pull out the storage rack until it is blocked.
- Press in the lock of both running rails.
- Remove storage rack and running rails and place it at the desired position.
- After clicking in the the storage rack it is secured against pulling out completely again.



5.6

Interior Light

Two LEDs (A) light the cooling compartment whilst the door is opened.
Two sensors (B) control the LEDs and the (optional) door control as well.

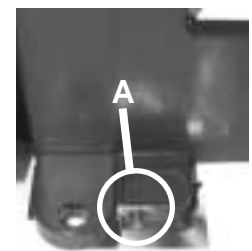


5.7

Automatic Door Control [ADC] (optional)

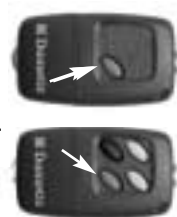
The LED (A) placed at the bottom edge of the miniBar indicates whether the miniBar door has been opened.

1. Open the miniBar, check its contents and - if applicable- stock it up again.
2. Reset the door control sensor by means of an IR-transmitter (**RED-DOT-RESET**).
3. Close the miniBar.



LED

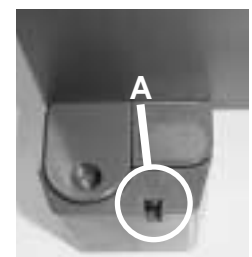
red button =
RED-DOT-RESET



Infrared - transmitter



Infrarot - Sensor



5.8

Check List

Failure : No cooling (the aggregate at the back of the device is cold).

Possible Cause	Self Help	Authorised Service
a.) The device plug is not plugged in.	a.) Plug in device plug.	
b.) No voltage in socket.	b.) Check main fuse.	
c.) The electronics or the sensor is faulty. Does the LED flash ?		c.) Install new electronics or sensor.
d.) Defective heating element.		d.) Install new heating element.
e.) The device is in its defrosting phase.	e.) See operating instruction 5.3	

Failure : No cooling (the aggregate is warm).

Possible Cause	Self Help	Authorised Service
a.) The device is not level. Leakage test ?	a.) Level the device using a spirit level.	
b.) The device was only switched on a short while ago.	b.) Switch on the device and let it run for 5-6 hours.	
c.) Defective cooling unit.		c.) Exchange device.

Failure : Poor cooling performance.

Possible Cause	Self Help	Authorised Service
a.) The cooling aggregate is not sufficiently ventilated.	a.) Check that the ventilation grids are not covered. Check that device has been installed properly (installation instruction 4.5).	
b.) The device is exposed to direct sunlight.	b.) Follow installation instruction 4.5.	
c.) The fridge door does not close tightly	c.) Check installation in line 4.5 + 4.8 .	c.) Install new doorseal, if necessary.
d.) The fridge was stocked a short while ago.	d.) Check fridge after 5-6 hours for proper cooling function.	

Failure : Frost formation in fridge.

Possible Cause	Self Help	Authorised Service
a.) The fridge door does not close tightly.	a.) Check installation is in line with 4.5 + 4.8.	a.) Install new doorseal, if necessary.

5.9

Technical Data

Model	HiPro 3000
Casing	Plastic
Gross Contents (litres)	28
cooled / uncooled	28 / -
Dimensions (mm)	
(H x W xD)	527 x 388 x 418
Electrical Rating (W)	65
Power Consumption	
kWh / 24h*	0,6
Net Weight (kg)	12
Assembly	x
freestanding	x

Model	HiPro 4000	with cooling unit cover + feet
Casing	Plastic	
Gross Contents (litres)	37	
cooled / uncooled	37 / -	
Dimensions (mm)		
(H x W xD)	559 x 405 x 452	601 x 405 x 472
Electrical Rating (W)	65	
Power Consumption		
kWh / 24h*	0,7	
Net Weight (kg)	13.5	14.5
Assembly	x	
freestanding	x	x

Model	HiPro 6000	with cooling unit cover + feet
Casing	Plastic	
Gross Contents (litres)	51	
cooled / uncooled	51 / -	
Dimensions (mm)		
(H x W xD)	568 x 490 x 474,5	610 x 490 x 494,6
Electrical Rating (W)	80	
Power Consumption		
kWh / 24h*	0,9	
Net Weight (kg)	17	18
Assembly	x	
freestanding	x	x

* Power consumption measured at an average ambient temperature of 25°C as an average annual value and at a cooling compartment temperature of 7°C in line with EN 153.

We reserve the right to make technical changes and modifications without notice!

5.10

Spare Parts

For spare parts please contact your **Dometic Service Center** or your dealer.

5.11

▲ Environmental Advice

miniBars manufactured by Dometic GmbH are free from CFCs / HCFCs and fluorinated hydrocarbons. The cooling unit uses ammonia as the coolant (a natural compound of hydrogen and nitrogen). Cyclopentane, which does not damage the ozone layer, is used as propellant for the insulation made from PU-foam.

5.12

▲ Disposal

In order to ensure the re-use of recyclable packaging materials, these must be disposed of using local collection systems. The device itself must be handed over to a disposal company or local council which will guarantee the correct use of recyclable materials and the proper disposal of the rest.

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.

Dometic refrigerators bear this symbol on the data plate to be found in the interior of the unit.

5.13

▲ Energy Saving Tips

- If possible, always store pre-cooled goods.
- Do not expose the miniBar to direct sunlight and do not place it close to a source of heat.
- An unobstructed air circulation in the fridge aggregate must be ensured.
- When removing goods, only open the miniBar briefly.
- Switch on the miniBar approx. 12 hours prior to stocking.

5.14

Declaration of Conformity

		
DECLARATION OF CONFORMITY		
according to		
Low Voltage Directive 73/23/EEC and the Amendment to LVD 90/269/EEC EMC Directive 89/332/EEC CE Marking Directive 93/68/EEC		
Type of equipment	Absorption Refrigerator	
Brand Name	DOMETIC	
Type family	II 2000	
Manufacturer's (Factory) name	DOMETIC GmbH	
address	Industriestrasse 14, D-57074 Siegen	
telephone no	INT+49 - 271 692 3	
telex no	INT+49 - 271 692 304	
The following harmonized standards or technical specifications (designations) which comply with good engineering practice in safety matters in force within the EEA have been practiced:		
EN 60335-1 (IEC 121-1), EN 60335-2-24 (IEC 335-2-24) Low Voltage Directive EN 61000-3-2, EN 61000-3-3, EN 55014-1, EN 55014-2 EMC Directive		
The equipment conforms completely with the above stated harmonized standards or technical specifications.		
By signing this document, the undersigned declares as manufacturer, or the manufacturer's authorized representative established within the EEA, that the equipment in question complies with the requirements stated above.		
Manufacturer		
Date	Signature	Position
2803.09.15	 Günther Bittner	General Manager

