

DOMETIC MINIBAR HIPRO



HiPro 3000, HiPro 4000, HiPro 4000Vision, HiPro 6000

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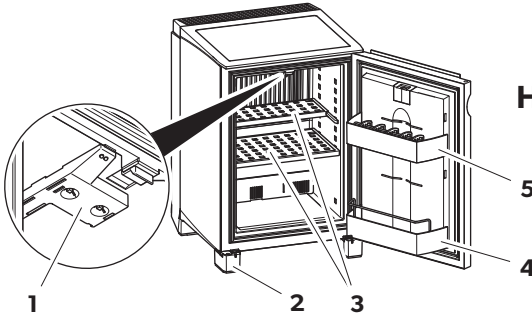
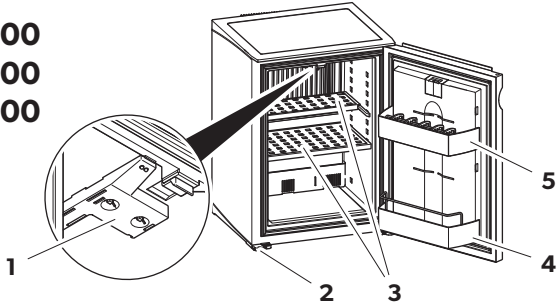
Minibar

Installation and Operating Manual

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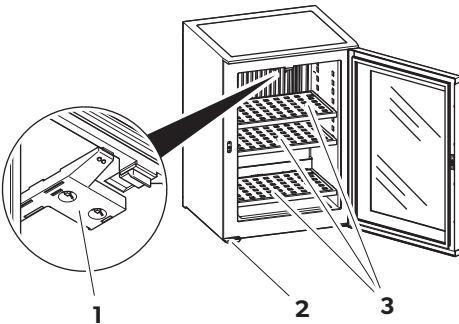
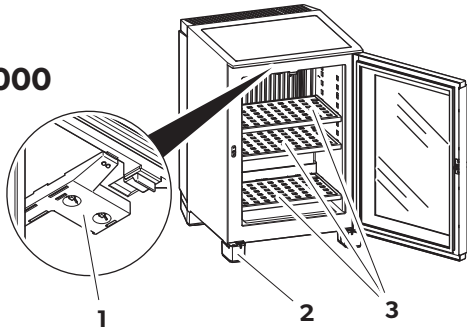
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HiPro 4000
HiPro 6000

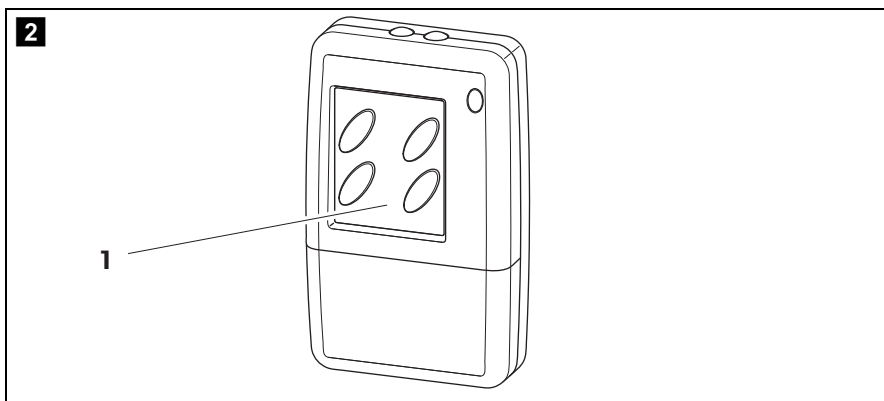


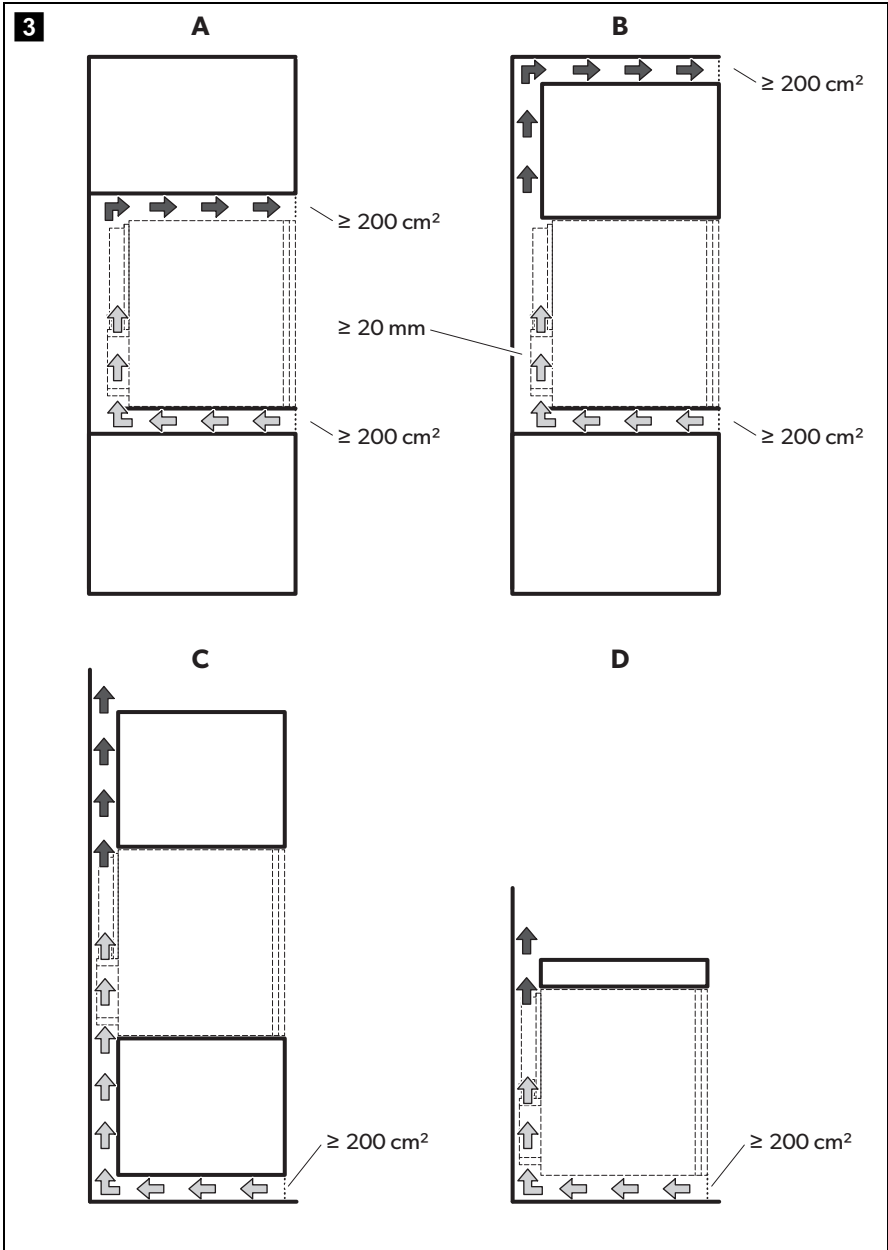
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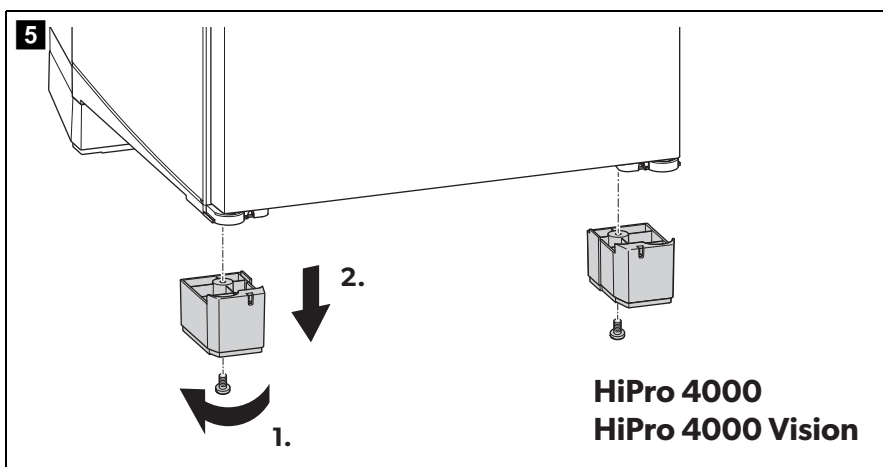
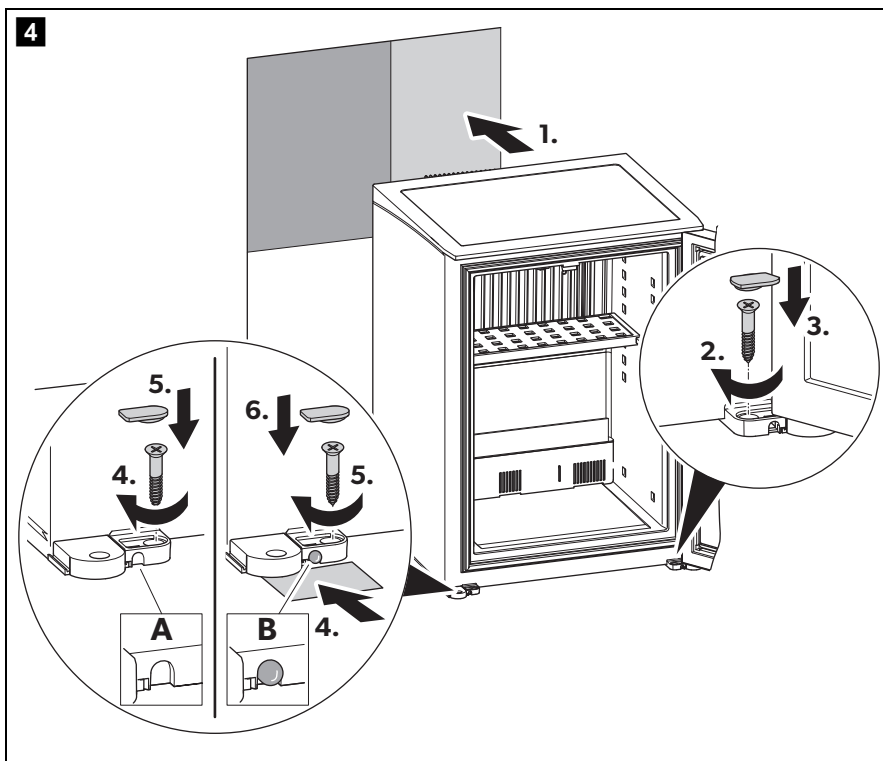
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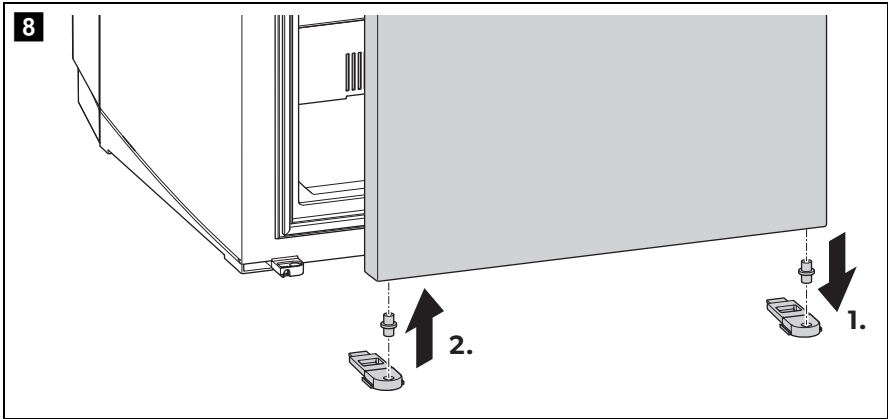
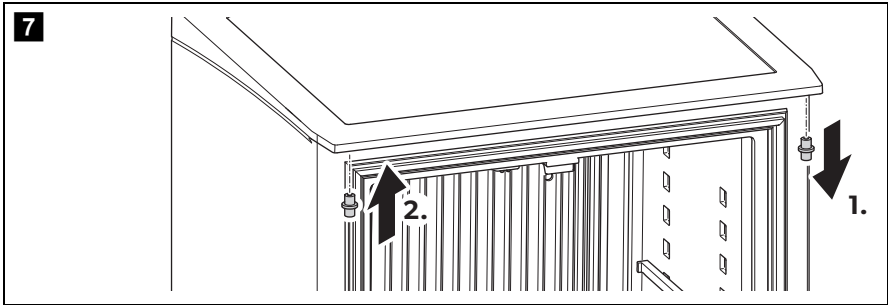
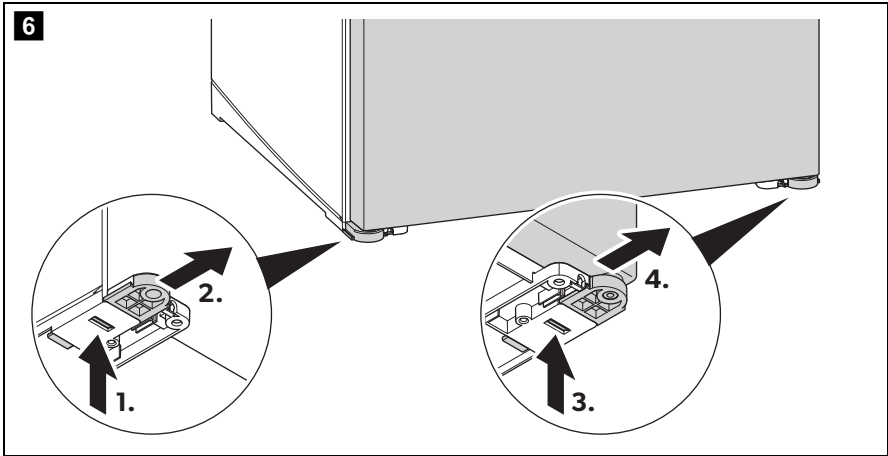


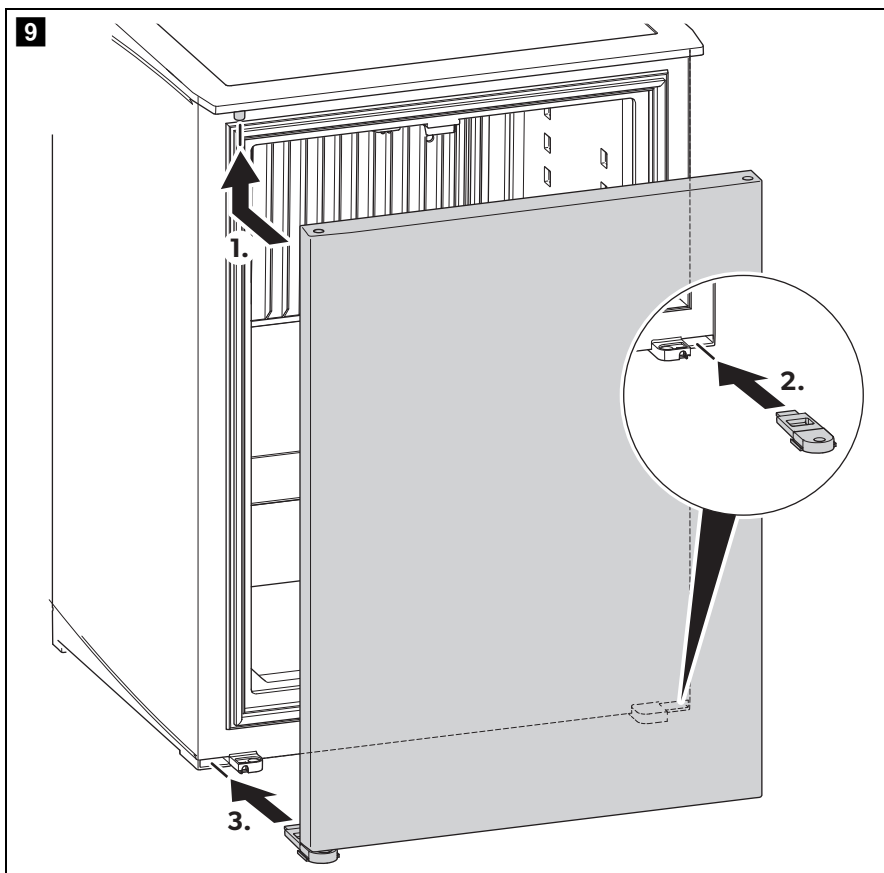
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Vision

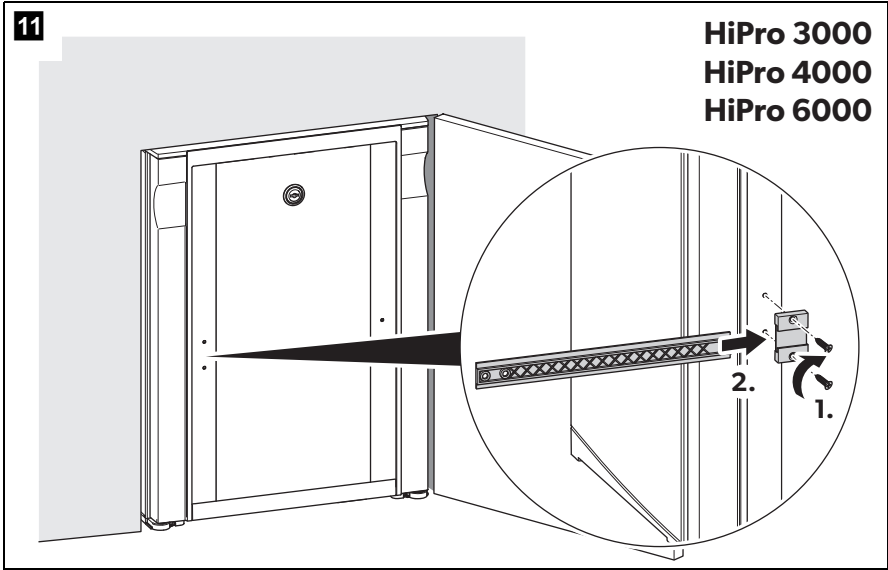
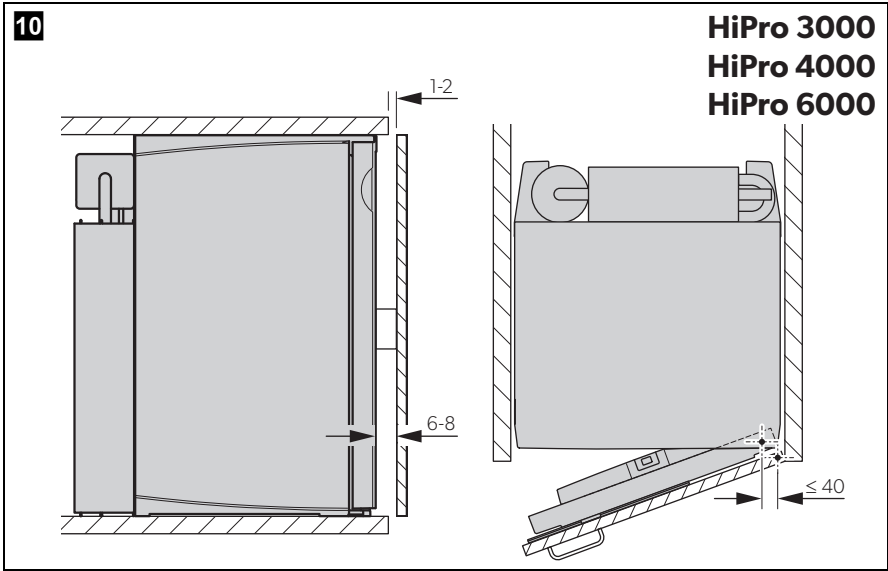


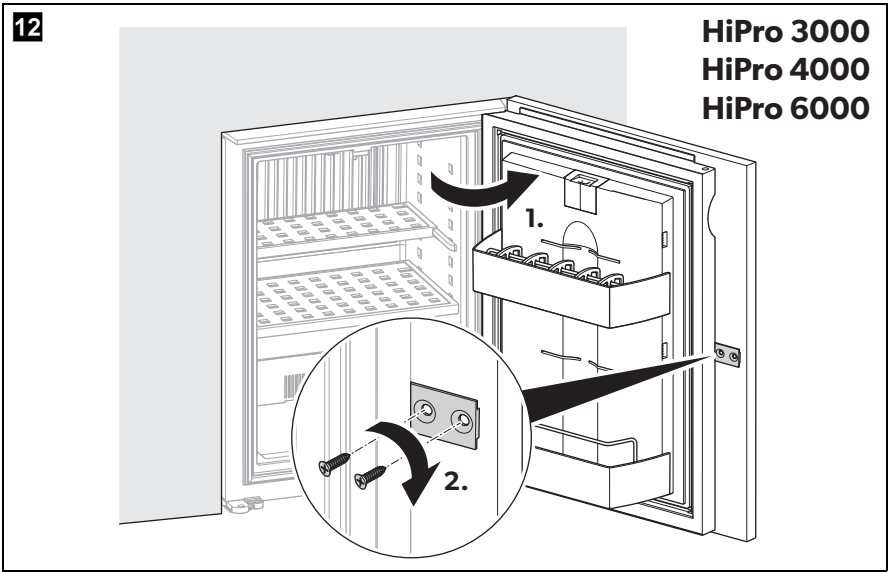


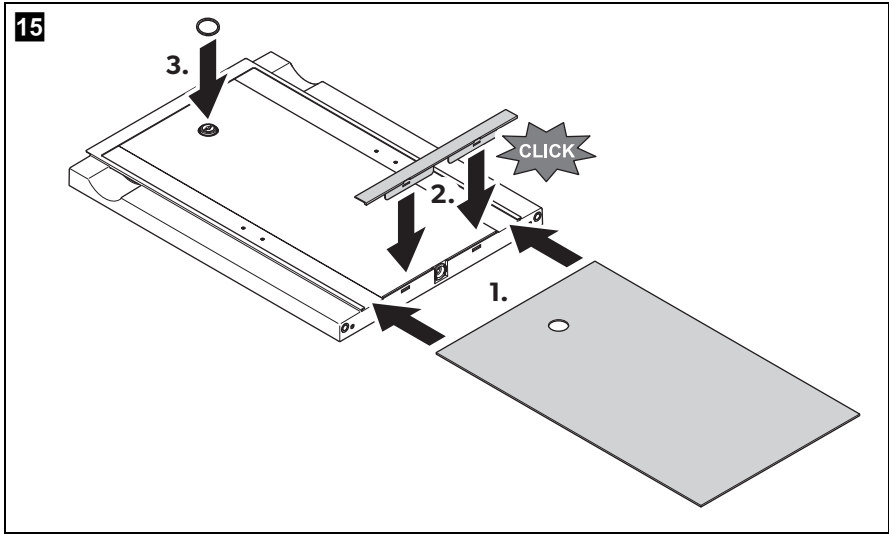
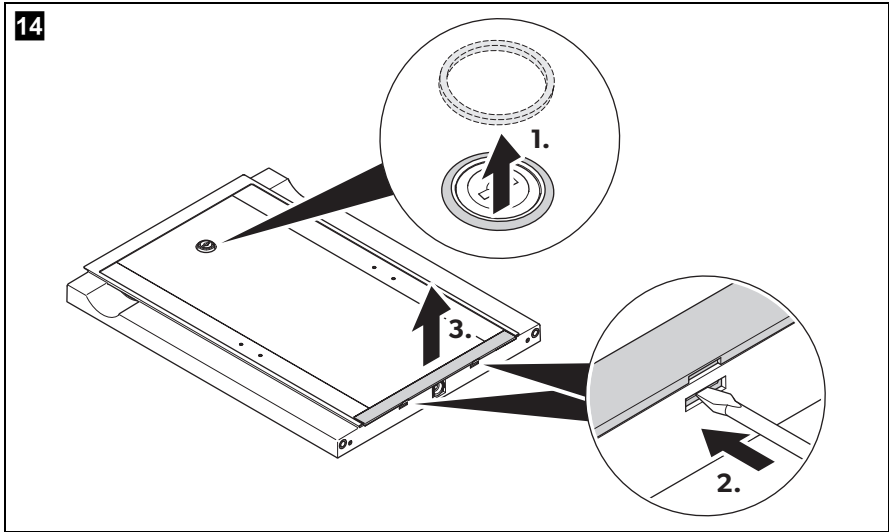


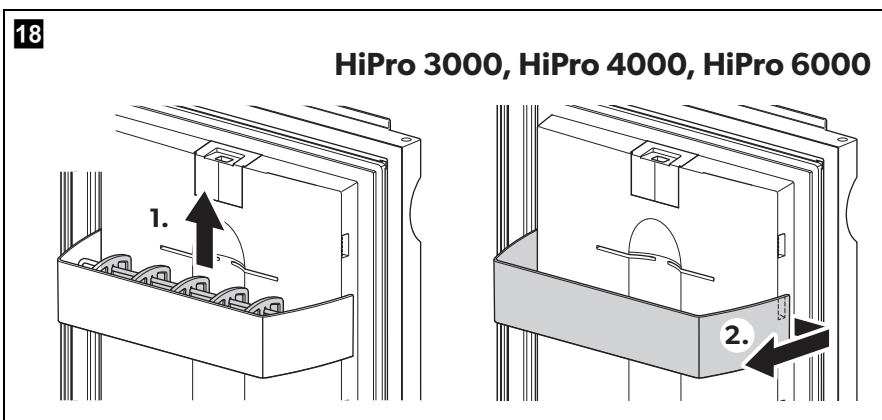
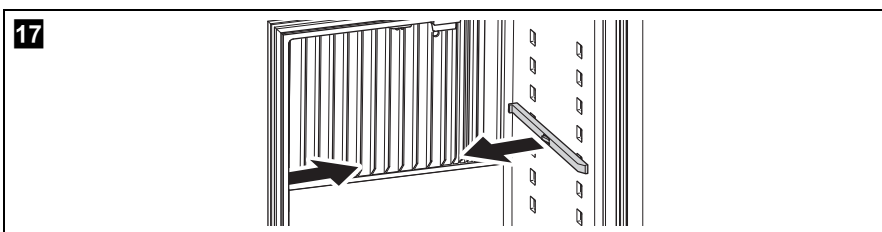
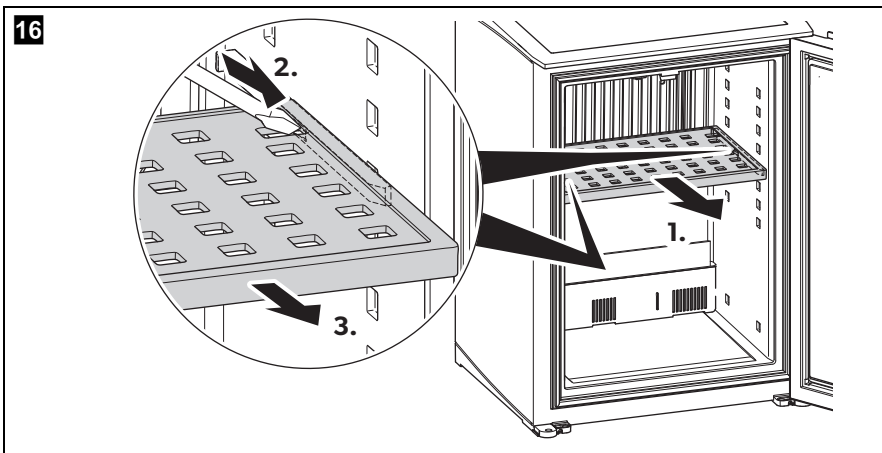


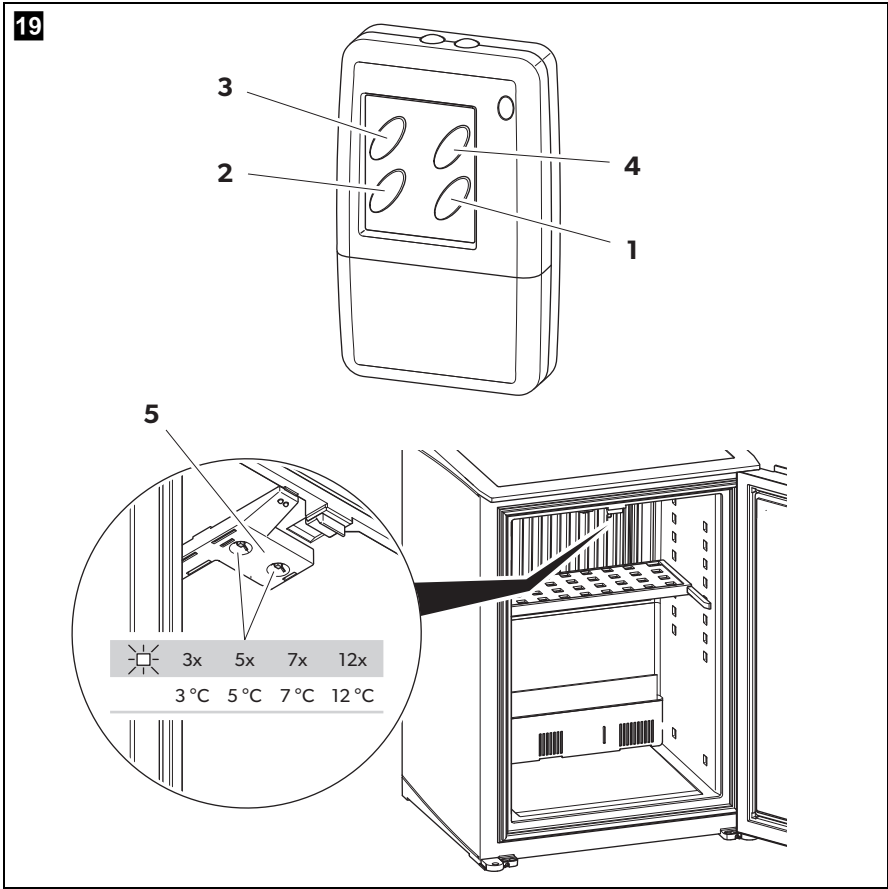






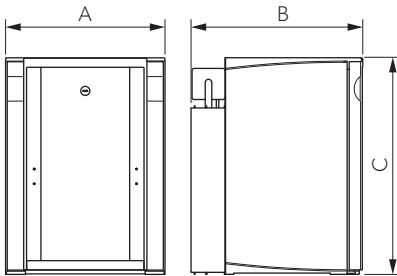






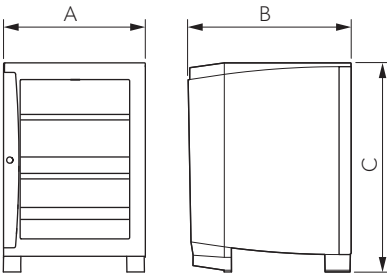
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HiPro 3000
HiPro 4000
HiPro 6000



	A	B	C
HiPro 3000	388 mm	418 mm	527 mm
HiPro 4000	405 mm	452 mm	559 mm
HiPro 6000	490 mm	475 mm	568 mm
HiPro 4000 Vision	405 mm	464 mm	559 mm

HiPro 4000
HiPro 4000 Vision



	A	B	C
HiPro 4000	405 mm	472 mm	601 mm
HiPro 4000 Vision	405 mm	484 mm	601 mm

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 dometic.com.

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1 Explanation of symbols



DANGER!
Safety instruction: Indicates a hazardous situation that, if not avoided, will result in death or serious injury.



WARNING!
Safety instruction: Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

**CAUTION!**

Safety instruction: 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.

2 Safety instructions

2.1 General safety



WARNING! Failure to obey these warnings could result in death or serious injury.

Electrocution hazard

- Ensure that the minibar has been installed by a qualified technician in accordance with the Dometic installation manual.
- Do not operate the minibar if it is visibly damaged.
- If this minibar's power cable is damaged, it must be replaced by the manufacturer, service agent or a similarly qualified person in order to prevent safety hazards.
- This minibar may only be repaired by qualified personnel. Inadequate repairs may cause serious hazards.

Fire hazard

- The refrigerant in the refrigerant circuit is highly flammable.
In the event of any damage to the refrigerant circuit:
 - Switch off the minibar.
 - Avoid naked flames and sparks.
 - Air the room well.

Explosion hazard

- Do not store any explosive substances, such as spray cans with propellants, in the minibar.

Health hazard

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

- This minibar 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 minibar in a safe way and understand the hazards involved.
- Children shall not play with the minibar.
- Cleaning and user maintenance shall not be made by children without supervision.
- Children aged from 3 to 8 years are allowed to load and unload the minibar.



CAUTION! Failure to obey these cautions could result in minor or moderate injury.

Risk of crushing

- Do not put your fingers into the hinge.

Health hazard

- Foodstuff may only be stored in its original packaging or in suitable containers.



NOTICE! Damage hazard

- Check that the voltage specification on the type plate is the same as that of the power supply.
- The minibar is not suitable for storing substances which are caustic or contain solvents.
- 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.
- Keep the drainage outlet clean at all times.
- Do not open the refrigerant circuit under any circumstances.
- Only carry the minibar upright.

2.2 Operating the minibar safely



DANGER! Failure to obey these warnings will result in death or serious injury.

Electrocution hazard

- Do not touch exposed cables with your bare hands.



CAUTION! Failure to obey these cautions could result in minor or moderate injury.

Electrocution hazard

- Before starting the minibar, ensure that the power supply line and the plug are dry.

Health hazard

- Make sure that you only put items in the minibar which may be chilled at the selected temperature.
- Food may only be stored in its original packaging or in suitable containers.
- Opening the door for long periods can cause significant increase of the temperature in the compartments of the minibar.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- If the minibar is left empty for long periods:
 - Switch off the minibar.
 - Defrost the minibar.
 - Clean and dry the minibar.
 - Leave the door open to prevent mould developing within the minibar.



NOTICE! Damage hazard

- Do not use electrical devices inside the minibar unless they are recommended by the manufacturer for that purpose.
- Do not place it near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.).
- Ensure that the ventilation vents are not covered.
- Never immerse the minibar in water.
- Protect the minibar and the cable against heat and moisture.
- Make sure that foodstuffs do not touch the walls of the cooling area.

3 Scope of delivery

Quantity	Description
1	Minibar
2	Shelf

Quantity	Description
2	Door rack (not for HiPro 4000Vision)
1	Installation and operating manual

4 Accessories

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

Description	Explanation
Remote control	For door opening monitor and temperature regulation
Reflector	For door opening monitor
Keys	For versions with lock
Sliding hinge	For simultaneous opening of cabinetry door and refrigerator door
Cooler lid and high device feet	For HiPro 4000 and HiPro 4000Vision, as free-standing versions

5 Intended use

The refrigeration appliance (also referred to as minibar) is designed for operation in enclosed buildings, such as:

- In staff kitchens in stores, offices and other work areas
- In the agricultural sector
- In hotels, motels and other accommodations
- In bed and breakfast establishments
- In catering businesses or similar wholesaler operations

The minibar is not suitable for installation in caravans or mobile homes.

The minibar is intended to be used either as a built-in appliance or as freestanding refrigeration appliance. Refer to the installation instructions.

The minibar is designed exclusively for cooling and storing of beverages and foods in closed containers.

The minibar is not suitable for storing fresh foods and medicine or freezing food-stuffs.

This minibar 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 minibar. Poor installation and/or improper operating 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 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.

6 Technical description

The minibar is a refrigerator with absorption cooling. Ammonia is used as the refrigerant. All materials used are compatible for use with foodstuffs. The refrigerant circuit is maintenance-free.

The minibar (except for HiPro4000Vision) has two shelves and two door racks. The lower door rack (fig. **1** 4, page 3) is intended for bottles. A 1.5 l bottle can be stored in the door rack for bottles. The upper door rack (fig. **1** 5, page 3) is intended for smaller bottles or snacks.

The HiPro4000Vision minibar has two shelves and a transparent acrylic door without door racks.

The HiPro4000 and HiPro4000Vision minibars can optionally be used as free-standing versions with a cooler lid and high device feet.

6.1 Control elements on the refrigerator

No. in fig. 1 , page 3	Explanation
1	Interior light
2	LED of the door opening monitor (optional)

No. in fig. 1 , page 3	Explanation
3	Shelf
4	Lower door rack
5	Upper door rack

6.2 Control elements outside the refrigerator

No. in fig. 2 , page 4	Explanation
1	Remote control for door opening monitor and temperature regulation (optional)

7 Setting up and connecting the refrigerator

7.1 Instructions for installing the refrigerator

Observe the following when installing the refrigerator:

- Install the refrigerator so that the warm air produced can easily flow away (either upwards or to the sides, fig. **3**, page 5).

Description in fig. 3 , page 5	Explanation
A	Cold intake air
B	Heated exhaust air
C	Condenser
D	Clearance above the refrigerator if exhaust air can not adequately circulate upwardly or at the side

- Maintain a minimum distance of 20 mm between the cooling unit and the rear wall.
- Keep objects clear of openings in the housing or installation structure (such as ventilation slots, etc.).

7.2 Setting up the refrigerator in a freestanding position (HiPro4000, HiPro 4000Vision only)

Observe the following information if you wish to set up the refrigerator freestanding on the floor:

- The high device feet must be installed.
- The optional cooler lid on the rear must be mounted.
- Position the refrigerator horizontally. Use a water level to check this.

7.3 Installing refrigerator in cabinetry

Observe the following instructions if you wish to install the refrigerator in cabinetry:

- Set up the refrigerator so that both device feet lie on the storage surface.
- Air must be able to circulate without any hindrance (fig. **3**, page 5).
- Only the cooling unit may extend into the ventilation duct.
- The air in the ventilation duct may not be heated by other heat sources.

Proceed as follows (fig. **4**, page 6):

1. Attach the reflector for the door opening monitor (optional).
2. Screw the device feet in place.

7.4 Changing the door hinge

You can also change the hinge of the door, so that it opens to the left rather than the right.



NOTE

The LED of the door opening monitor (optional) must always be located opposite the door hinge.

With an existing LED for the door opening monitor, proceed as follows:

1. Pull the LED out.
2. Lay the cable in the guide.
3. Insert the LED on the other side again.

Then proceed as follows (fig. **5**, page 6 until fig. **9**, page 8):

HiPro4000, HiPro4000Vision (for version with high feet)

- Unscrew the high feet.

HiPro 3000, HiPro 4000, HiPro 6000, HiPro 4000Vision

1. Pull the lower hinge out.
2. Pull the door with the hinges out.
3. Remove the hinge pins.
4. Insert the hinge pins on the other side again.
5. Insert the door with the lower hinge again.

**NOTE**

HiPro 4000Vision: Insert the door rotated by 180°.

HiPro 4000, HiPro 4000Vision (for version with high feet)

- Screw on the high feet again.

7.5 Install sliding hinge

1. Observe the distances in fig. **10**, page 9.
2. Proceed as displayed infig. **11**, page 9 until fig. **12**, page 10.

7.6 Install panel plate

1. Observe the installation dimensions in fig. **13**, page 10.
2. Remove the retaining ring of the lock (optional, fig. **14**, page 11).
3. Proceed as displayed infig. **14**, page 11 until fig. **15**, page 11.

8 Operation

8.1 Before first use

Before first use, clean the minibar inside and outside with a damp cloth for hygienic reasons (see also Cleaning and maintenance, page 27).

8.2 Saving energy

- Only open the minibar as often and for as long as necessary.
- Allow warm food to cool down first before placing it in the device to keep cool.
- Avoid unnecessarily low temperature settings.

- For optimal energy consumption, position the shelves and drawers according to their position on delivery.
- On a regularly basis, make sure the door seal still fits properly.
- Clean dust and dirt from the condenser at regular intervals.

8.3 Positioning the shelves

- Proceed as displayed infig. **16**, page 12 until fig. **17**, page 12.

8.4 Positioning door rack

- Proceed as displayed in fig. **18**, page 12.

8.5 Switching on



DANGER! Mortal danger!

Never handle plugs and switches with wet hands or if you are standing on a wet surface.



WARNING!

Only connect the refrigerator to a correctly earthed socket.



NOTICE!

The power plug must be freely accessible after the refrigerator has been installed.



NOTE

The refrigerator automatically switches on if it is connected to the mains supply.

- Plug the power plug into the socket.
- ✓ The refrigerator starts a self-test. After about 10 seconds, the LED interior light illuminates for 2 seconds.
- ✓ The refrigerator is switched on.



NOTE

After switching on, the refrigerator needs several hours to reach the cooling temperature within the refrigerator compartment.

8.6 Setting the temperature

To avoid food waste, note the following:

- Keep temperature fluctuation as low as possible. Only open the minibar as often and for as long as necessary. Store the foodstuff in such a way that the air can still circulate well.
- The minibar is equipped with an automatic temperature regulation function. Select the average of the possible temperature values.
- Adjust the temperature to the quantity and type of the foodstuff.

The refrigerator is equipped with an automatic temperature regulation function. The cooling temperature is preset to 5 °C.

With the optional remote control you can adjust the preset to 3 °C, 5 °C, 7 °C or 12 °C (fig. **19**, page 13). With each press of the button on the remote control, the cooling temperature switches between the possible values:

1. Remove the plastic insulation from the battery holder before initial use.
- ✓ By pressing a button, a red LED illuminates on the remote control. If the red LED does not illuminate, replace the batteries in the remote control.
2. Align the upper side of the remote control to the LEDs of the interior light (5). Maintain a distance of less than 20 cm.
3. Press the yellow button (3) to set the cooling temperature to 3 °C or 7 °C.
- ✓ The LEDs of the interior light (5) flash three times or seven times, respectively, to display the preset temperature (fig. **19**, page 13).
4. Press the blue button (4) to set the cooling temperature to 5 °C or 12 °C.
- ✓ The LEDs of the interior light (5) flash five times or twelve times, respectively, to display the preset temperature (fig. **19**, page 13).



NOTE

The red LED illuminates as soon as a signal has been sent out. Check the batteries if the LED does not illuminate.

8.7 Using the minibar



NOTICE!

Only store heavy objects such as bottles or cans on the bottom of the minibar or in the door racks.

8.8 Using the door opening monitor

The door opening monitor (optional) displays via an LED (fig. **1** 4, page 3) whether the refrigerator door has been opened.

If the door opening monitor LED illuminates:

1. Open the refrigerator.
2. If necessary, refill the refrigerator.
3. Reset the door opening monitor with the remote control (optional). To do this, press the red button once (fig. **19** 1, page 13).
4. Close the refrigerator.

8.9 Defrosting the minibar

The refrigerator is equipped with an automatic defrosting function.

The defrosting phase takes place every 22 hours for a duration of 2 hours.



NOTE

The first defrosting phase starts 39 hours after the refrigerator has been switched on. Start-up during the day ensures that the defrosting phases occur during nighttime hours.

8.10 Switching off and storing the refrigerator

If you do not intend to use the refrigerator for a long time, proceed as follows:

1. Pull the power plug out of the socket.
2. Clean the refrigerator (see Cleaning and maintenance, page 27).

9 Cleaning and maintenance



NOTICE! Risk of damage!

- Clean the refrigerator regularly and as soon as it becomes dirty.
- Do not use any soap or strong, grainy or alkaline cleaning agents.
- Do not use any hard implements for cleaning.
- Do not use hard or pointed tools to speed up the defrosting process.
- Make sure that no water drips into the seals. This can damage the electronics.
- Do not allow grease or oil to come into contact with the door seal.
- Do not re-lubricate the cylinder locks (optional). The cylinder locks have been permanently lubricated at the factory.

1. Disconnect the device from the mains supply prior to cleaning and maintaining it.
2. Clean the refrigerator with a soft cloth and lukewarm water. Use a mild cleanser.
3. Rinse the refrigerator after cleaning with clear water.
4. Finally, wipe the refrigerator dry with a cloth.
5. Use a brush or soft cloth to remove dust from the absorber unit on a yearly basis.

10 Troubleshooting

Fault	Possible cause	Solution
No cooling, absorber unit cold	Power plug not plugged in	Insert power plug in socket
	No voltage in socket	Check household fuse
	Electronics or sensors defective	Authorized service: Install new electronics or sensor
	Heating cartridge defective	Authorized service: Install new heating cartridge
	Defrosting phase active (see Defrosting the minibar, page 26)	No action required

Fault	Possible cause	Solution
No cooling, absorber unit warm	Refrigerator is not level	Align refrigerator with water level
	Refrigerator was only switched on recently	Check cooling again after 5 to 6 hours
	Cooling unit is defective	Authorized service: Replace refrigerator
No cooling, interior light and door opening monitor (optional) flash continuously	Refrigerator is not level	Align refrigerator with water level
	Cooling unit blocked	Contact authorized customer service
	Cooling unit not water-tight	
	Heating element defective	
	Error during self-test	
Poor cooling performance	Cooling unit not sufficiently ventilated	Bring about sufficient ventilation (fig. 3 , page 5)
	Refrigerator is exposed to direct sunlight	Take refrigerator out of direct sunlight
	Door of refrigerator does not close with a tight seal	Check distances (fig. 10 , page 9)
		Authorized service: Replace door seal
	Refrigerator was recently filled	Check cooling again after 5 to 6 hours
Frost formation in the refrigerator compartment	Door of refrigerator does not close with a tight seal	Check distances (fig. 10 , page 9)
		Authorized service: Replace door seal

11 Warranty

The statutory warranty period applies. If the product is defective, please contact the manufacturer's branch in your country (see 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

12 Disposal

- Place the packaging material in the appropriate recycling waste bins, wherever possible.



If you wish to finally dispose of the product, ask your local recycling center or specialist dealer for details about how to do this in accordance with the applicable disposal regulations.

13 Technical data

	HiPro 3000	HiPro 4000	HiPro 4000 Vision	HiPro 6000
Total volume:	27 l	36 l		50 l
Cooling capacity:	+3 °C to +12 °C			
Climate class:	SN			
Intended ambient temperature use:	+10 °C to +32 °C			
Energy consumption (kWh/24 h):	0.644	0.649	0.822	0.654
Input voltage:	230 to 240 V			230 V
Input frequency:	60 Hz			
Rated input power:	65 W			80 W
Noise emission:	> 0 dB			
Propellant:	cyclopentane			
Refrigerant:	ammonia			
Dimensions:	fig. 20, page 14			
Weight:	14 kg	15 kg		17 kg

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