

↗ DOMETIC MINIBAR HIPRO



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

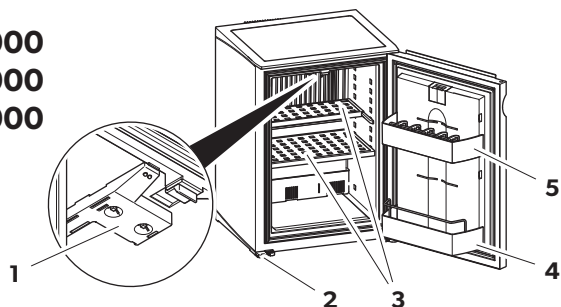
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Minibar

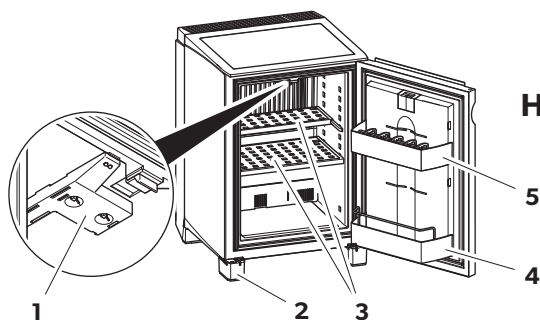
Installation and Operating Manual 15

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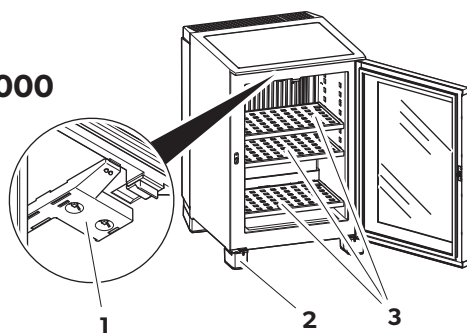
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HiPro 4000
HiPro 6000**



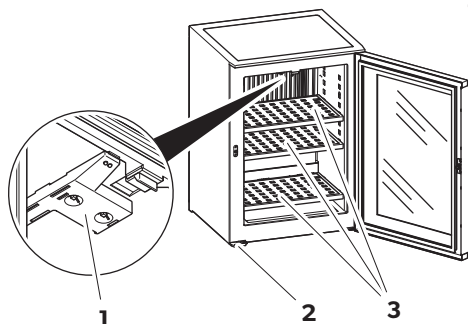
HiPro 4000

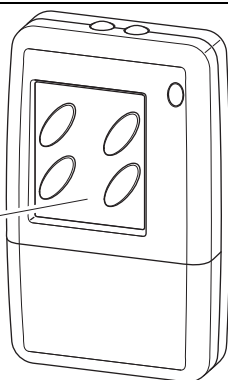


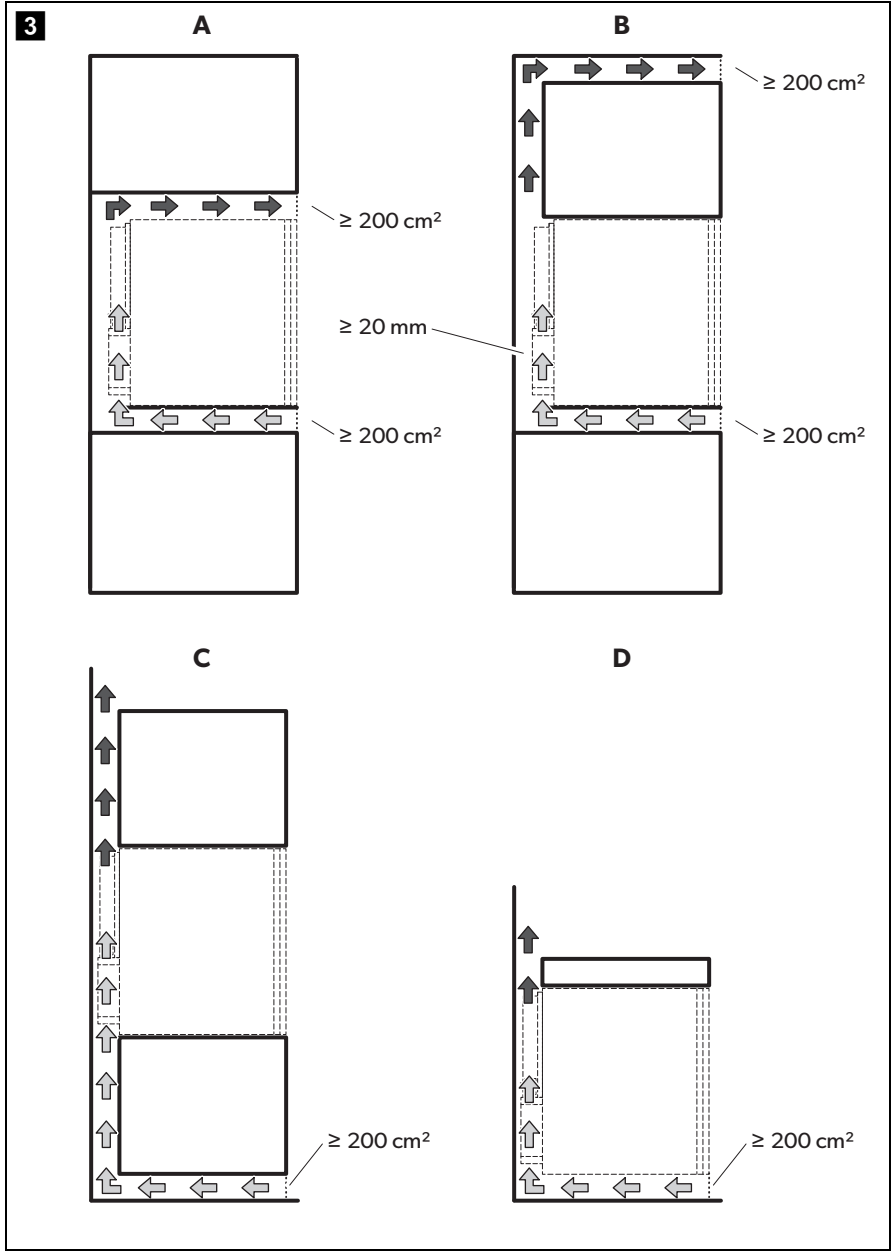
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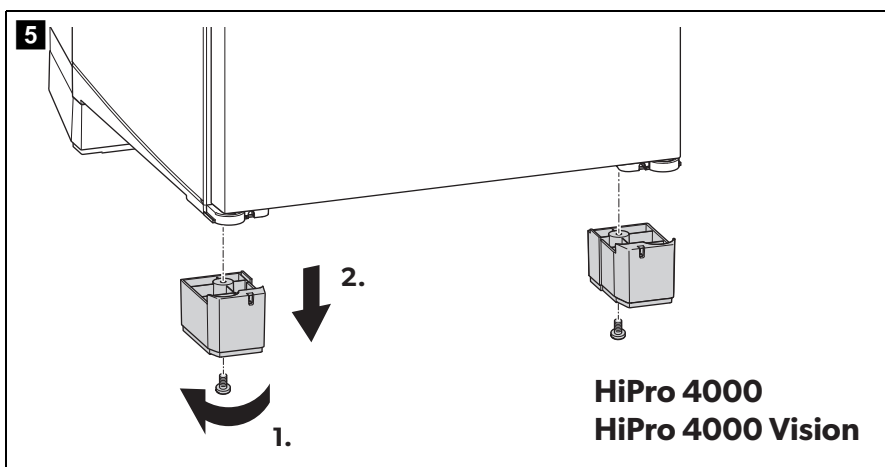
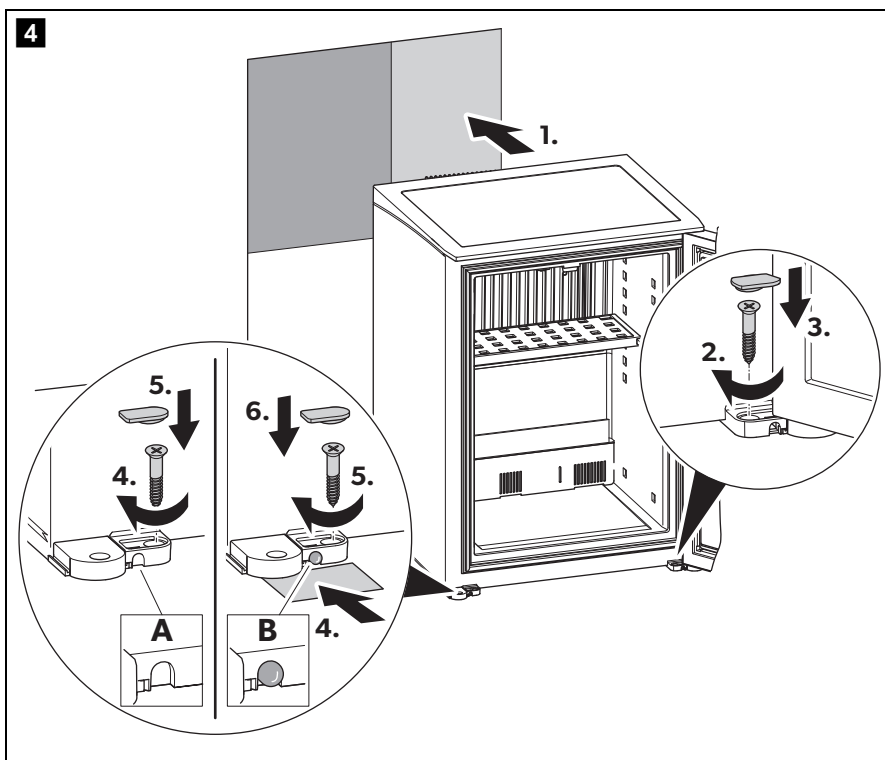


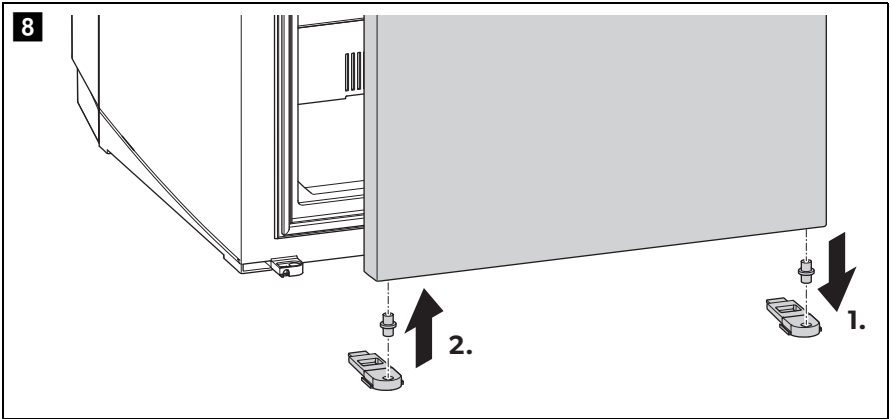
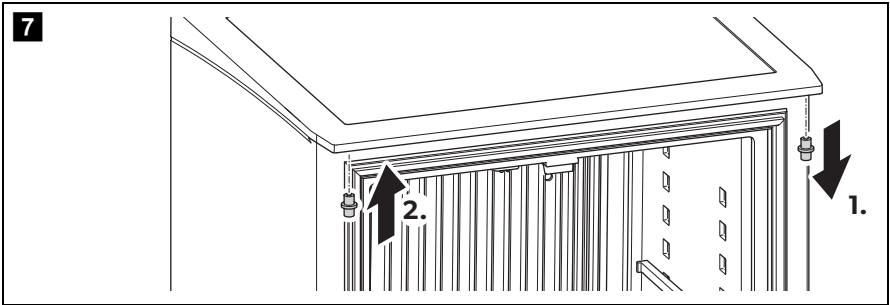
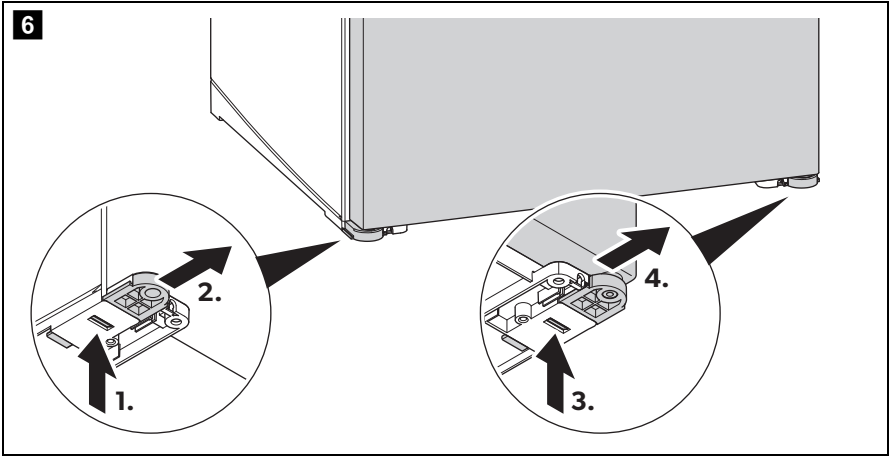
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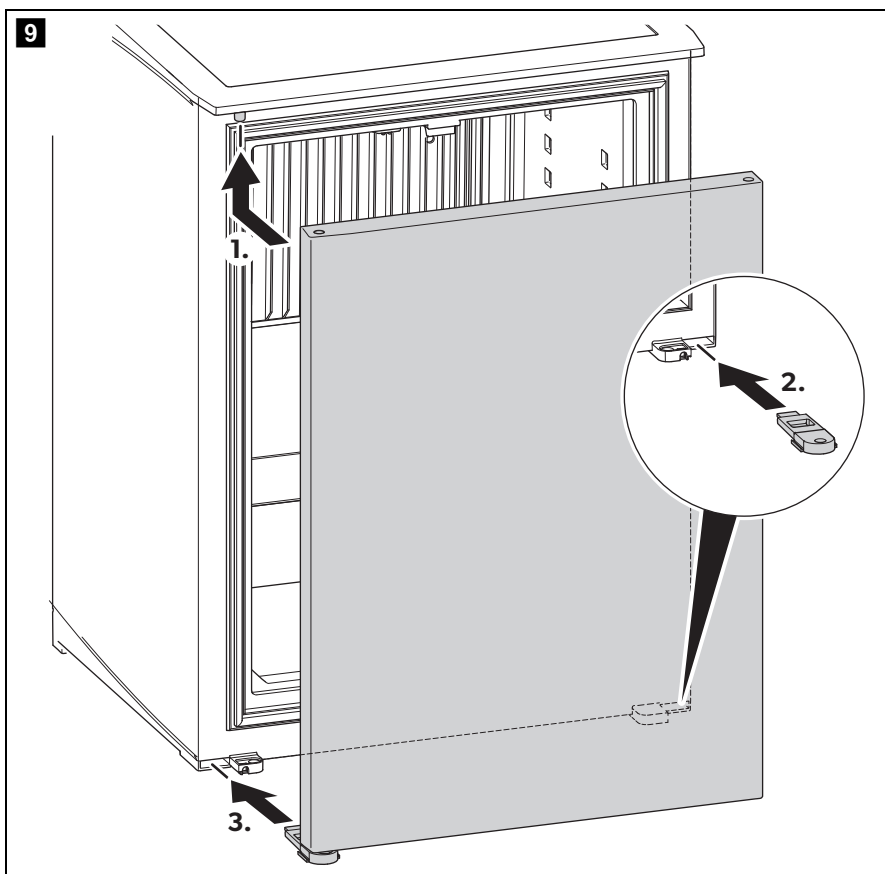


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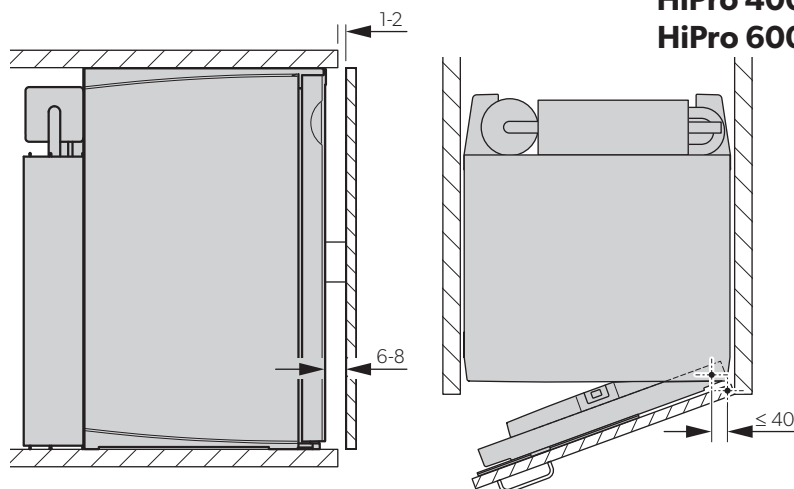






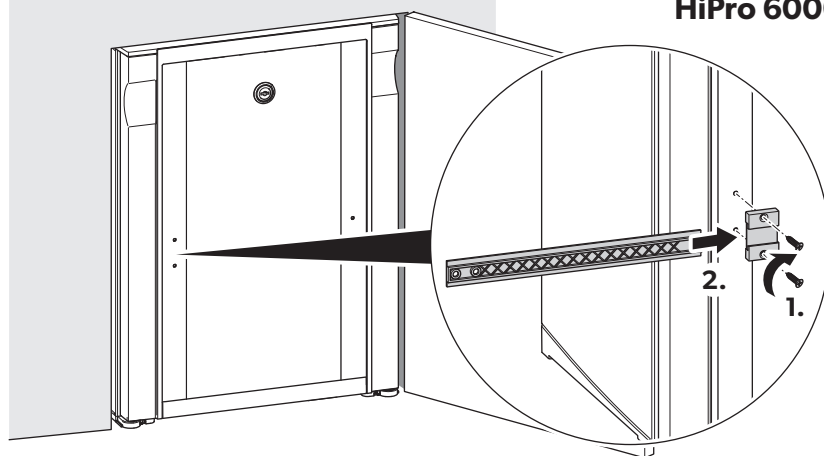
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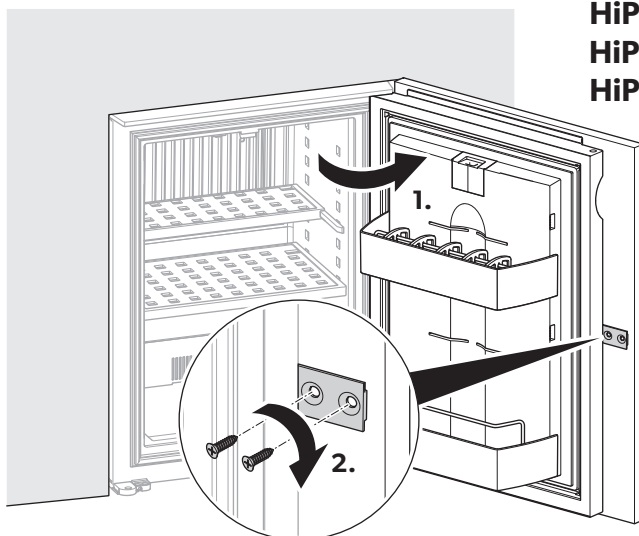
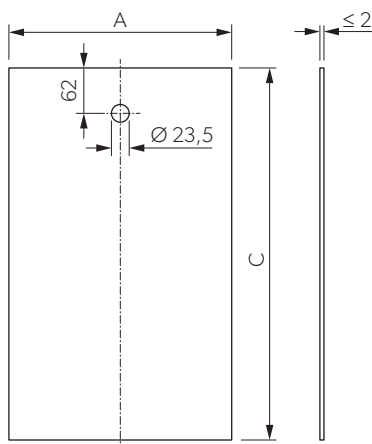
**HiPro 3000
HiPro 4000
HiPro 6000**



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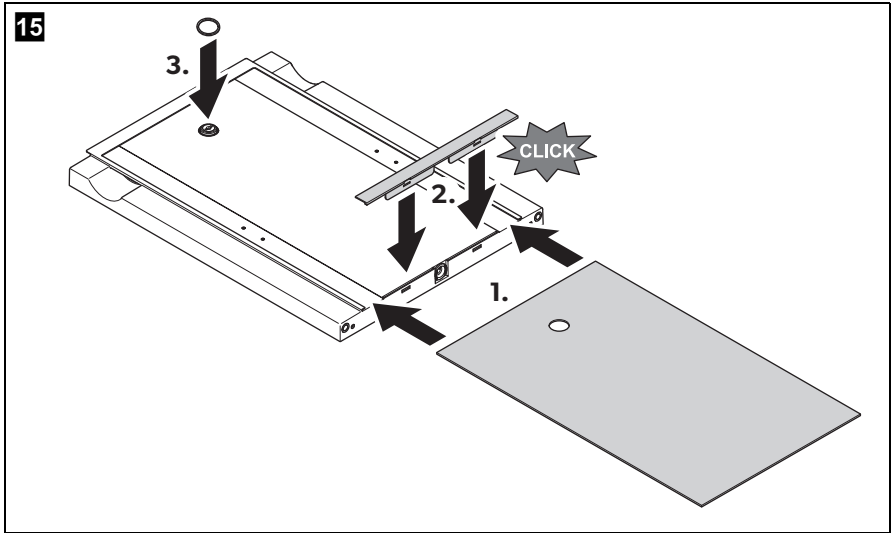
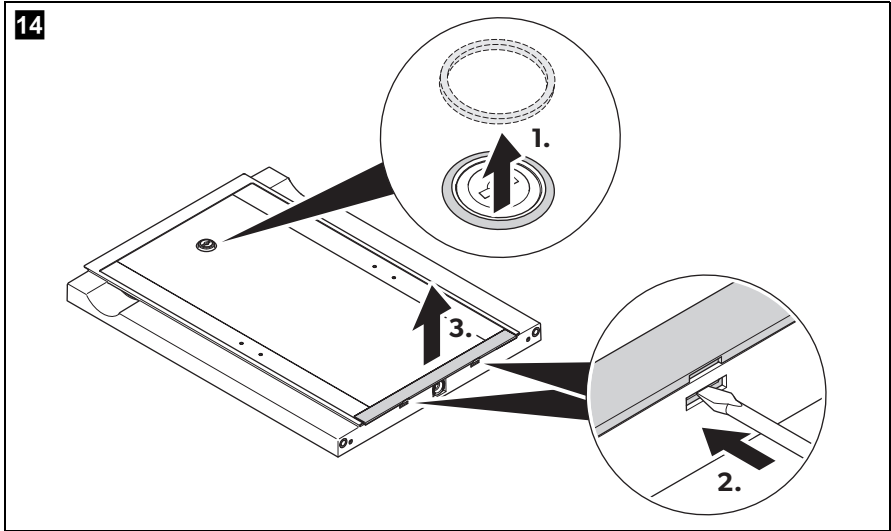
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HiPro 4000
HiPro 6000**

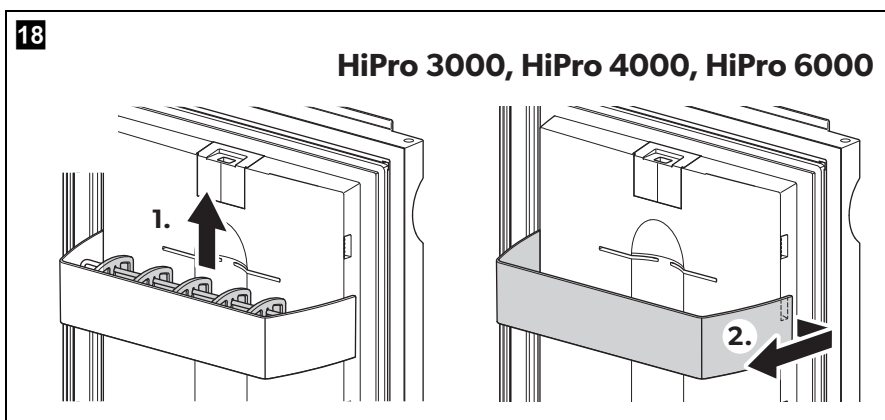
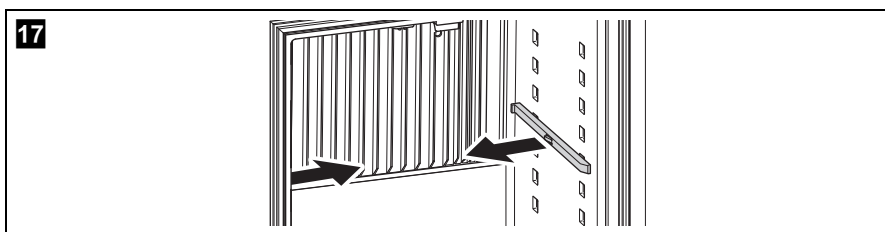
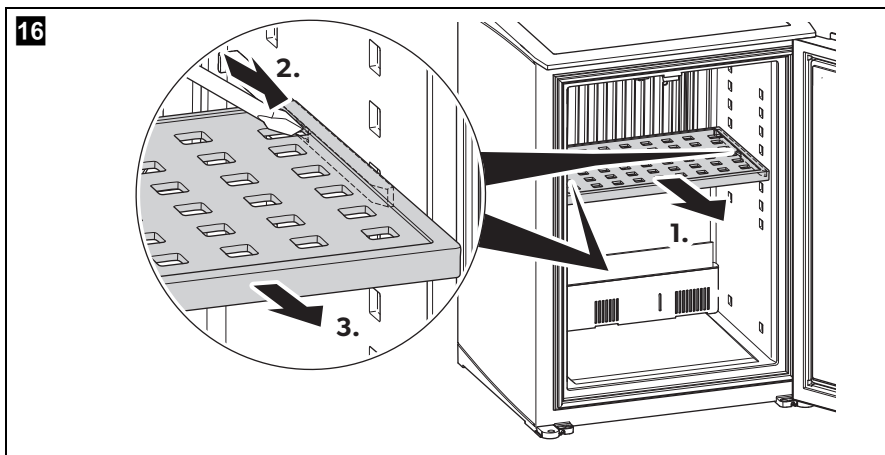


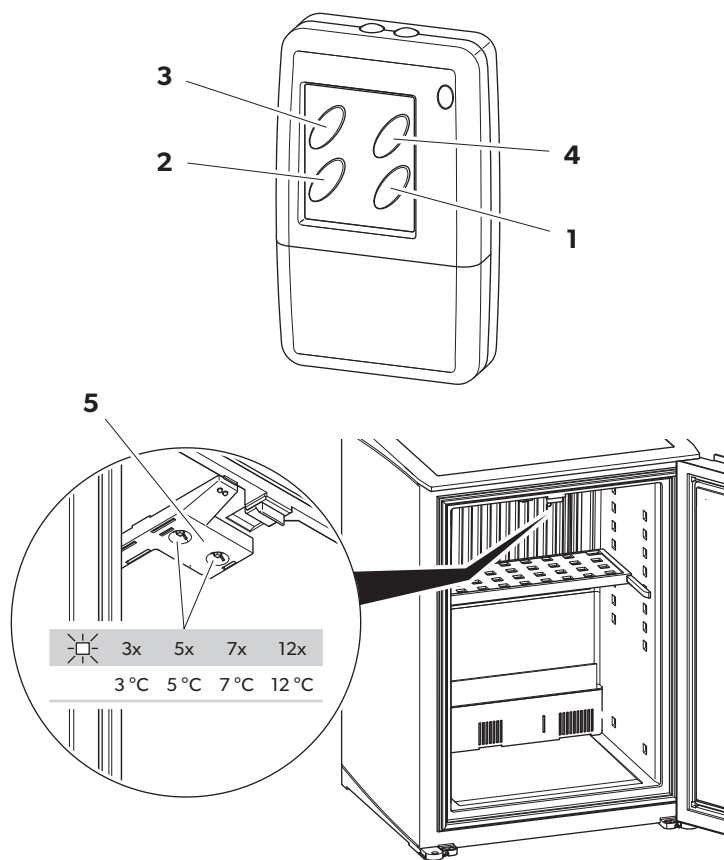
12**13**

HiPro 3000
HiPro 4000
HiPro 6000

	A	B	C
HiPro 3000	294,5 mm	418 mm	492 mm
HiPro 4000	311,5 mm	452 mm	524 mm
HiPro 6000	376,5 mm	475 mm	533 mm

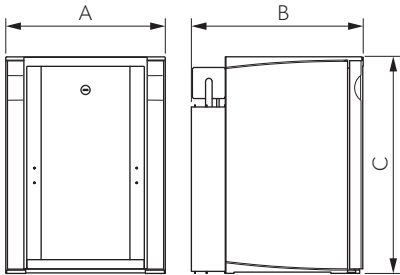




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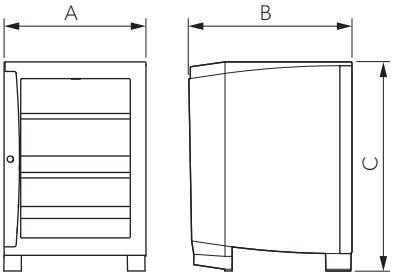
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HiPro 3000
HiPro 4000
HiPro 6000



	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 this instruction manual carefully before installation and first use, and store it in a safe place. If you pass on the product to another person, hand over this instruction manual along with it.

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1 Explanation of symbols



WARNING!

Safety instruction: Failure to observe this instruction can cause death or serious injury.



CAUTION!

Safety instruction: Failure to observe this instruction can lead to injury.



NOTICE!

Failure to observe this instruction can cause material damage and impair the function of the product.

**NOTE**

Supplementary information for operating the product.

2 Safety instructions

The manufacturer accepts no liability for damage in the following cases:

- Faulty assembly or connection
- Damage to the product resulting from mechanical influences and incorrect connection voltage
- Alterations to the product without express permission from the manufacturer
- Use for purposes other than those described in the operating manual

2.1 General safety

**WARNING!**

- Never open the absorber unit. It is under high pressure and can cause injury if it is opened.
- Do not store any explosive substances such as spray cans with a flammable propellant in the device.
- The refrigerant in the refrigerant circuit is highly flammable. In the event of any damage to the refrigerant circuit (smell of ammonia):
 - Switch off the appliance.
 - Avoid naked flames and sparks.
- Air the room well.
- Do not operate the device if it is visibly damaged.
- If the power cable for this device is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person in order to prevent safety hazards.
- This appliance may only be repaired by qualified personnel. Inadequate repairs may cause serious hazards.
- This device can be used by children aged 8 years or over, as well as by persons with diminished physical, sensory or mental capacities or a lack of experience and knowledge, providing they are supervised, or have been taught how to use the device safely and are aware of the resulting risks.

- Cleaning and user maintenance may not be carried out by unsupervised children.
- Children must be supervised to ensure that they do not play with the appliance.

**CAUTION!**

- Danger of crushing! Do not place your hand on the hinge.
- Before start-up, ensure that the power supply line and power plug are dry.
- Food may only be stored in its original packaging or in suitable containers.

**NOTICE!**

- Do not open the refrigerant circuit under any circumstances.
- Do not install the device near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.).
- Check that the voltage specification on the type plate is the same as that of the energy supply.
- Only use the cable supplied to connect the appliance to the AC mains.
- Never pull the power plug out of the socket by the cable.
- Do not store any substances that are caustic or contain solvents in the refrigerator.
- Only use cables with a suitable cross-section.
- Keep the condensation opening clean at all times.

2.2 Operating the refrigerator safely

**NOTICE!**

- Do not use electrical devices inside the device unless they are recommended by the manufacturer for that purpose.
- **Danger of overheating!**
Always ensure sufficient ventilation so that the heat generated during operation can dissipate. Make sure that the device is sufficiently far away from walls and other objects so that the air can circulate.
- The absorber unit becomes hot during operation. Do not touch the absorber unit!
- Ensure that the ventilation openings are not covered.

- Do not fill the inner container with ice or liquids.
- Never immerse the device in water.
- Protect the device and the cable against heat and moisture.
- Make sure that foodstuffs do not touch the walls of the refrigerator compartment.

3 Scope of delivery

Quantity	Description
1	Mini-bar
2	Shelf
2	Door rack (not for HiPro4000Vision)
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 HiPro4000 and HiPro4000Vision, as free-standing versions

5 Intended use

The mini-bar 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 mini-bar is not suitable for installation in caravans, mobile homes, or boats.

The mini-bar is intended for installation in a piece of cabinetry or an installation niche. Once it is installed, only the front of the appliance may be accessible.

The HiPro4000 and HiPro4000Vision mini-bars can also stand freely on the floor, if the optional cooler lid is mounted on the rear and the high device feet are installed.

The mini-bar is designed exclusively for cooling and storing of beverages and foods in closed containers.

The mini-bar is not suitable for storage of perishable foods.

**WARNING!**

The device is not intended for proper storage of medicine.

**CAUTION! Health hazard!**

Please check if the cooling capacity of the device is suitable for storing the food you wish to cool.

6 Technical description

The mini-bar 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 mini-bar (except for HiPro4000Vision) has two shelves and two door racks. There is a door rack intended for bottles. A 1.5 l bottle can be stored in the door rack for bottles. The second door rack is intended for smaller bottles or snacks.

The HiPro4000Vision mini-bar has two shelves and a transparent acrylic door without door racks.

The HiPro4000 and HiPro4000Vision mini-bars 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)
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

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

- 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):

- Attach the reflector for the door opening monitor (optional).
- 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:

- Pull the LED out.
- Lay the cable in the guide.
- 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.

HiPro3000, HiPro4000, HiPro6000, HiPro4000Vision

- Pull the lower hinge out.
- Pull the door with the hinges out.
- Remove the hinge pins.
- Insert the hinge pins on the other side again.
- Insert the door with the lower hinge again.



NOTE

HiPro4000Vision: Insert the door rotated by 180°.

HiPro4000, HiPro4000Vision (for version with high feet)

- Screw on the high feet again.

7.5 Install sliding hinge

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

7.6 Install panel plate

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

8 Using the refrigerator



NOTICE!

- Do not place any electrical devices inside the refrigerator. Exceptions are devices approved for the purpose by the manufacturer.
- Ensure that food or liquids in glass containers are not excessively refrigerated. Liquids expand when they freeze. This can therefore destroy glass containers.
- Food may only be stored in its original packaging or in suitable containers.
- Ensure that the items placed in the cooler are suitable for cooling to the selected temperature.



NOTE

- Before starting your new refrigerator for the first time, you need to clean it inside and outside with a damp cloth for hygienic reasons (see also chapter “Cleaning and care” on page 26).

8.1 Energy saving tips

- Choose a well ventilated position which is protected from direct sunlight.
- Put the refrigerator into operation about 12 hours prior to use.
- Arrange the shelves evenly in the refrigerator compartment.
- Allow hot food to cool down first before you put it in the refrigerator.
- Do not open the refrigerator more often than necessary.
- Do not leave the door open for longer than necessary. With the door open, the interior light is lit continuously.
- Avoid unnecessarily low temperature settings.
- Adjust the room temperature to about 20 °C.

8.2 Positioning the shelves

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

8.3 Positioning door rack

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

8.4 Switch on the refrigerator

**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.

8.5 Setting the temperature

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:

- 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.
- Align the upper side of the remote control to the LEDs of the interior light (5). Maintain a distance of less than 20 cm.

- 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).
- 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.

8.6 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:

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

8.7 Defrosting the cooling device

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.

8.8 Switching off and storing the refrigerator

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

- Pull the power plug out of the socket.
- Clean the refrigerator (see chapter "Cleaning and care" on page 26).

9 Cleaning and care



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.

- Disconnect the device from the mains supply prior to cleaning and maintaining it.
- Clean the refrigerator with a soft cloth and lukewarm water. Use a mild cleanser.
- Rinse the refrigerator after cleaning with clear water.
- Finally, wipe the refrigerator dry with a cloth.
- 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 chapter "Defrosting the cooling device" on page 25)	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 the back of the instruction manual for the addresses) 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



WARNING! Children beware!

Before disposing of your old refrigerator:

- Take off the doors.
- Leave storage shelves in the refrigerator so that children cannot climb inside.

- 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 centre 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
Storage capacity:	26 l	34 l		48 l
Climate class:	SN			
Ambient temperature:	+10 °C to +32 °C			
Energy efficiency class:	C		D	
Energy consumption (kWh/annum):	207	237	270	254
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			
Coolant:	ammonia			
Dimensions:	fig. 20, page 14			
Weight:	12 kg	13.5 kg		17 kg

For the current EU Declaration of Conformity for your device, please refer to the respective product page on dometic.com or contact the manufacturer directly (see back page).

GERMANY**Dometic GmbH**

In der Steinwiese 16 · D-57074 Siegen

☎ +49 (0) 271 692-0

Mail: info@dometic.de

dometic.com**AUSTRALIA****Dometic Australia Pty. Ltd.**

1 John Duncan Court

Varsity Lakes QLD 4227

☎ 1800 212121

☎ +61 7 55076001

Mail: sales@dometic.com.au

AUSTRIA**Dometic Austria GmbH**

Neudorferstraße 108

A-2353 Guntramsdorf

☎ +43 2236 908070

☎ +43 2236 90807060

Mail: info@dometic.at

BENELUX**Dometic Branch Office Belgium**

Lourdesstraat 84

B-8940 Geluwe

☎ +32 2 3598040

☎ +32 2 3598050

Mail: info@dometic.be

BRAZIL**Dometic DO Brasil LTDA**

Avenida Paulista 1754, conj. 111

SP 01310-920 Sao Paulo

☎ +55 11 3251 3352

☎ +55 11 3251 3362

Mail: info@dometic.com.br

DENMARK**Dometic Denmark A/S**

Nordensvej 15, Taulov

DK-7000 Fredericia

☎ +45 75585966

☎ +45 75586307

Mail: info@dometic.dk

FINLAND**Dometic Finland OY**

Mestariintie 4

FIN-01730 Vantaa

☎ +358 20 7413220

Mail: info@dometic.fi

FRANCE**Dometic SAS**

ZA du Pré de la Dame Jeanne

B.P. 5

F-60128 Plailly

☎ +33 3 44633525

☎ +33 3 44633518

Mail: vehiculesdeloisirs@dometic.fr

HONG KONG**Dometic Group Asia Pacific**

Suites 2207-11 / 22/F - Tower 1

The Gateway - 25 Canton Road,

Tsim Sha Tsui - Kowloon

☎ +852 2 4611386

☎ +852 2 4665553

Mail: info@waeco.com.hk

HUNGARY**Dometic Zrt. Sales Office**

Kerekgyártó u. 5.

H-1147 Budapest

☎ +36 1 468 4400

☎ +36 1 468 4401

Mail: budapest@dometic.hu

ITALY**Dometic Italy S.r.l.**

Via Virgilio, 3

I-47122 Forlì (FC)

☎ +39 0543 754901

☎ +39 0543 754983

Mail: vendite@dometic.it

JAPAN**Dometic KK**

Maekawa-Shibaura, Bldg. 2

2-13-9 Shibaura Minato-ku

Tokyo 108-0023

☎ +81 3 5445 3333

☎ +81 3 5445 3339

Mail: info@dometic.jp

MEXICO**Dometic Mx, S. de R. L. de C. V.**

Circuito Médicos No. 6 Local 1

Colonia Ciudad Satélite

CP 53100 Naucalpan de Juárez

Estado de México

☎ +52 55 5374 4108

☎ +52 55 5393 4683

Mail: info@dometic.com.mx

NETHERLANDS**Dometic Benelux B.V.**

Ecustraat 3

NL-4879 NP Etten-Leur

☎ +31 76 5029000

☎ +31 76 5029019

Mail: info@dometic.nl

NEW ZEALAND**Dometic New Zealand Ltd.**

PO Box 12011

Penrose

Auckland 1642

☎ +64 9 622 1490

☎ +64 9 622 1573

Mail: customerservices@dometic.co.nz

NORWAY**Dometic Norway AS**

Østerøyveien 46

N-3232 Sandefjord

☎ +47 33428450

☎ +47 33428459

Mail: firmapost@dometic.no

POLAND**Dometic Poland Sp. z o.o.**

Ul. Puławska 435A

PL-02-801 Warszawa

☎ +48 22 414 3200

☎ +48 22 414 3201

Mail: info@dometic.pl

PORTUGAL**Dometic Spain, S.L.**

Branch Office em Portugal

Rot. de São Gonçalo nº 1 – Esc. 12

2775-399 Carcavelos

☎ +351 219 244 173

☎ +351 219 243 206

Mail: info@dometic.pt

RUSSIA**Dometic RUS LLC**

Komsomolskaya square 6-1

RU-107140 Moscow

☎ +7 495 780 79 39

☎ +7 495 916 56 53

Mail: info@dometic.ru

SINGAPORE**Dometic Pte Ltd**

18 Boon Lay Way

06-141 Trade Hub 21

Singapore 609966

☎ +65 6795 3177

☎ +65 6862 6620

Mail: dometic@dometic.com.sg

SLOVAKIA**Dometic Slovakia s.r.o.**

Sales Office Bratislava

Nádražná 34/A

900 28 Ivánka pri Dunaji

☎ / ☎ +421 2 45 529 680

Mail: bratislava@dometic.com

SOUTH AFRICA**Dometic (Pty) Ltd.**

Regional Office

South Africa & Sub-Saharan Africa

2 Avalon Road

West Lake View Ext 11

Modderfontein 1645

Johannesburg

☎ +27 87 3530380

Mail: info@dometic.co.za

SPAIN**Dometic Spain S.L.**

Avda. Sierra del Guadarrama, 16

E-28691 Villanueva de la Cañada

Madrid

☎ +34 91 833 60 89

☎ +34 900 100 245

Mail: info@dometic.es

SWEDEN**Dometic Scandinavia AB**

Gustaf Melins gata 7

SE-42131 Västra Frölunda

☎ +46 31 7341100

☎ +46 31 7341101

Mail: info@dometicgroup.se

SWITZERLAND**Dometic Switzerland AG**

Riedackerstrasse 7a

CH-8153 Rümlang

☎ +41 44 8187171

☎ +41 44 8187191

Mail: info@dometic.ch

UNITED ARAB EMIRATES**Dometic Middle East FZCO**

P. O. Box 17860

S-D 6, Jebel Ali Freezone

Dubai

☎ +971 4 883 3858

☎ +971 4 883 3868

Mail: info@dometic.ae

UNITED KINGDOM**Dometic UK Ltd.**

Dometic House, The Brewery

Blandford St. Mary

Dorset DT11 9LS

☎ +44 344 626 0133

☎ +44 344 626 0143

Mail: customerservices@dometic.co.uk

USA**Dometic RV Division**

1120 North Main Street

Elkhart, IN 46515

☎ +1 574-264-2131