Dometic rh430lg

Dometic RH 430 LG Minibar Instruction Manual

Model: RH 430 LG

1. Introduction

Thank you for choosing the Dometic RH 430 LG Minibar. This appliance is designed to provide a silent and efficient cooling solution for various environments, including hotels, residences, and offices. Its advanced absorption technology ensures reliable performance with minimal energy consumption and zero noise. Please read this manual carefully before operating the minibar to ensure proper use, maintenance, and safety.



Figure 1: Dometic RH 430 LG Minibar with door open, showcasing its interior capacity and contents.

2. Safety Instructions

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury.

- **Electrical Safety:** Ensure the minibar is connected to a properly grounded 220V, 50/60 Hz power outlet. Do not use extension cords or adapters.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate air circulation around the minibar to prevent overheating and ensure efficient operation.
- **Placement:** Place the minibar on a firm, level surface. Avoid direct sunlight or heat sources.

- **Cleaning:** Always unplug the minibar before cleaning. Do not use abrasive cleaners or sharp objects.
- **Repairs:** Do not attempt to repair or modify the minibar yourself. Refer all servicing to qualified personnel.
- **Flammable Materials:** Do not store explosive substances or highly flammable materials inside the minibar.

3. Product Features

The Dometic RH 430 LG Minibar is equipped with several features designed for convenience and efficiency:

- **Absorption Refrigeration:** Provides completely silent operation (0 dB(A) noise level).
- **Capacity:** 30 liters gross volume, 27 liters usable storage capacity.
- **Glass Door:** Elegant design allowing visibility of contents.
- **LED Interior Lighting:** Energy-efficient illumination for easy viewing.
- **Adjustable Shelf:** Flexible storage options for various item sizes.
- **Adjustable Temperature Setting:** Allows customization of cooling level.
- **Automatic Defrost:** Eliminates the need for manual defrosting.
- **Electronic Thermostat Control:** Precise temperature management.
- **Compact Design:** Ideal for limited spaces.



Figure 2: Interior view of the Dometic RH 430 LG Minibar, highlighting the adjustable shelf and LED lighting.

4. Setup

4.1 Unpacking

Carefully remove the minibar from its packaging. Inspect for any shipping damage. Keep packaging materials for future transport if needed.

4.2 Placement

Place the minibar in its desired location. Ensure it is on a stable, level surface. For optimal performance and to prevent overheating, allow at least 5-10 cm of space around the back and sides for proper air circulation. Avoid placing it near direct heat sources or in direct sunlight.



Figure 3: Dometic RH 430 LG Minibar with door closed, illustrating its compact and sleek design.

4.3 Power Connection

Connect the power cord to a grounded 220V, 50/60 Hz electrical outlet. Allow the minibar to stand upright for at least 2-4 hours before plugging it in to allow the refrigerant to settle.

4.4 Initial Operation

After plugging in, allow the minibar to operate empty for several hours (e.g., 4-6 hours) to reach its stable operating temperature before loading items.

5. Operating Instructions

5.1 Temperature Control

The minibar features an electronic thermostat. The temperature can be adjusted to your preference. Refer to the internal control dial or buttons (if present) to set the desired cooling level. Higher settings typically result in colder temperatures.

5.2 Loading Contents

Arrange items inside the minibar to allow for proper air circulation. Do not overload the minibar, as this can impede cooling efficiency. Utilize the adjustable shelf to accommodate items of different heights.

5.3 Automatic Defrost

The Dometic RH 430 LG is equipped with an automatic defrost function. Frost that accumulates on the cooling plate will periodically melt and drain into an evaporation tray, eliminating the need for manual defrosting under normal operating conditions.

6. Maintenance

6.1 Cleaning the Interior

Unplug the minibar before cleaning. Use a soft cloth dampened with a mild detergent solution to clean the interior surfaces. Wipe dry thoroughly. Do not use abrasive cleaners, solvents, or harsh chemicals.

6.2 Cleaning the Exterior

Wipe the exterior surfaces with a soft, damp cloth. For the glass door, use a glass cleaner. Ensure no water enters the electrical components.

6.3 Ventilation Grilles

Periodically check and clean the ventilation grilles at the back of the minibar to ensure they are free from dust and debris. This helps maintain optimal cooling performance.

7. Troubleshooting

If you experience issues with your Dometic RH 430 LG Minibar, consult the following table before contacting service.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Minibar does not cool	No power supply Thermostat set too high Poor ventilation	Check power connection and outlet Adjust thermostat to a colder setting Ensure adequate space around the unit
Excessive frost buildup	Door not closed properly Frequent door opening High humidity	Ensure door seals tightly Minimize door openings This unit has automatic defrost, but ensure proper ventilation
Water on floor/inside	Defrost drain blocked	Clear any blockage in the defrost drain hole

8. Specifications

Detailed technical specifications for the Dometic RH 430 LG Minibar:

Attribute	Value
Brand	Dometic
Model	RH 430 LG
Product Dimensions (W x D x H)	38.4 x 42 x 52.2 cm
Net Weight	16 kg
Gross Volume	30 Liters
Storage Capacity	27 Liters
Installation Type	Independent
Input Voltage	220 V
Input Frequency	50/60 Hz
Nominal AC Input Power	65 W
Refrigerant Type	NH3
Climate Class	N
Energy Class (EU DIN15502)	F
Average Energy Consumption	1 kWh/24h
Noise Level	0 dB(A)
Defrost Type	Automatic
Certifications	RCM, GS

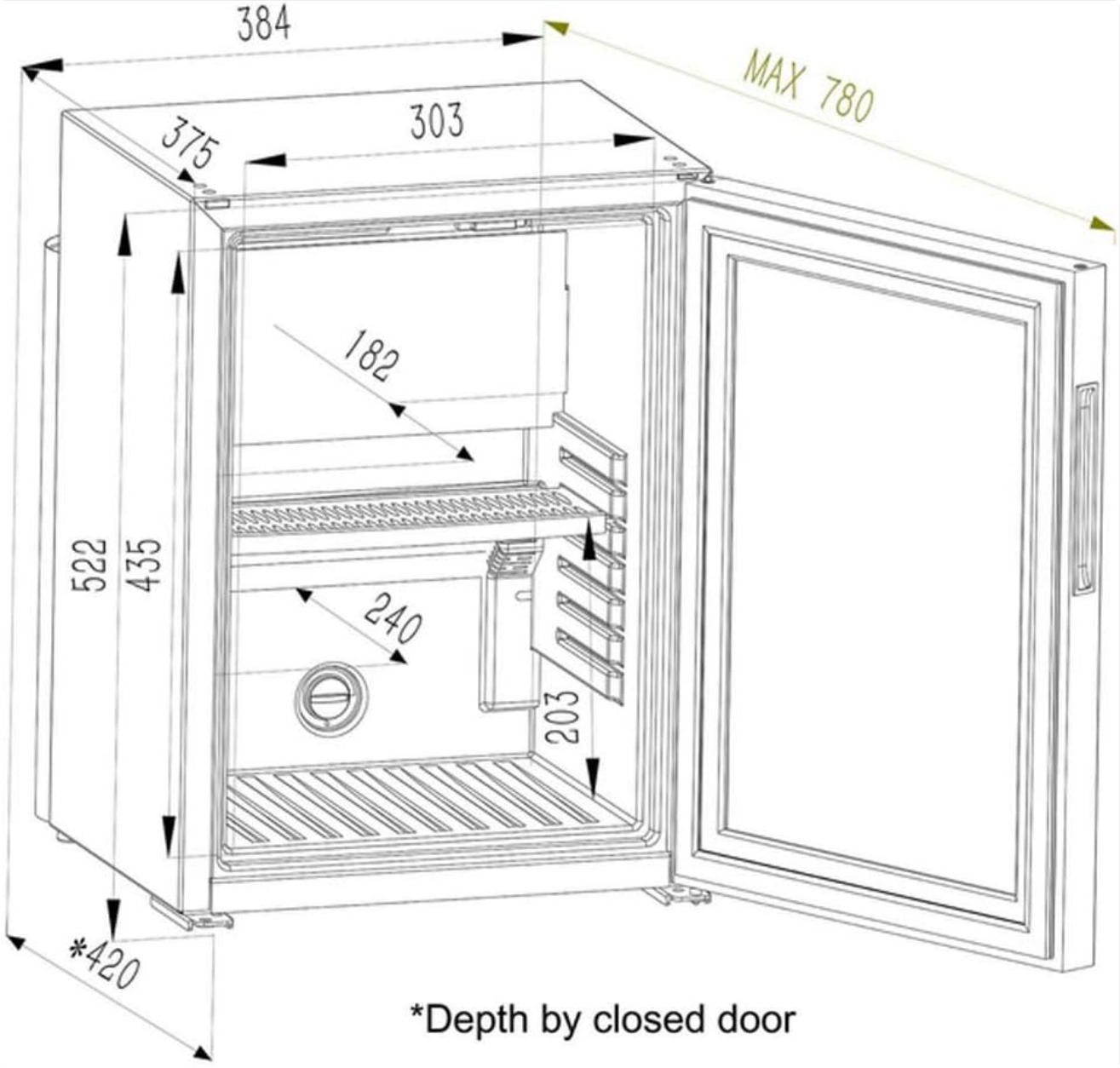


Figure 4: Technical drawing showing the dimensions of the Dometic RH 430 LG Minibar.

9. Warranty and Support

Dometic products are manufactured to the highest quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official Dometic website. In case of technical issues or if you require assistance, please contact Dometic customer support. Keep your proof of purchase for warranty claims.

This manual is subject to change without prior notice. For the most up-to-date information, please refer to the manufacturer's official resources.