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› [Frigoglass](#) /

› [Frigoglass Manual 5 Star Visi Cooler Vg 370; Single Door,Volume 369 L, Blue | VG1D 370 \[R134a\]](#)

Frigoglass VG1D 350 [R134a]

Frigoglass Manual 5 Star Visi Cooler VG1D 370 [R134a]

Brand: Frigoglass

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new Frigoglass Visi Cooler, Model VG1D 370 [R134a]. Designed specifically for Indian climatic conditions, this cooler ensures optimal product cooling even in challenging environments. Please read this manual thoroughly before operating the appliance and retain it for future reference.



Figure 1: Front view of the Frigoglass Visi Cooler VG1D 370 [R134a] with beverages displayed.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the appliance:

- Ensure the cooler is placed on a stable, level surface.
- Do not block ventilation openings. Maintain adequate clearance around the unit for proper airflow.
- Connect the cooler to a grounded power outlet with the correct voltage (50 Volts).
- Do not use electrical appliances inside the cooler.
- Keep flammable materials and vapors away from the cooler.

- Unplug the cooler before cleaning or performing any maintenance.
- This appliance is designed for commercial use.
- Only qualified personnel should perform repairs.

Safety complaint product

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Figure 2: Frigoglass products are safety compliant, ensuring reliable operation.

3. SETUP AND INSTALLATION

Follow these steps for proper setup:

1. **Unpacking:** Carefully remove the cooler from its packaging. Inspect for any shipping damage.
2. **Placement:** Position the cooler in a well-ventilated area, away from direct sunlight or heat sources. Ensure at least 10 cm (4 inches) of clearance from walls for proper air circulation.
3. **Leveling:** Use the adjustable feet at the bottom of the cooler to ensure it is perfectly level. This is crucial for efficient operation and proper door sealing.
4. **Internal Components:** Install the adjustable shelves as required. The cooler comes with shelves and internal LED lighting.
5. **Power Connection:** Plug the cooler into a dedicated, grounded 50 Volt power outlet. Avoid using extension cords.
6. **Initial Cooling:** Allow the cooler to stand for at least 2 hours before plugging it in. Once plugged in, allow it to run empty for 4-6 hours to reach the desired temperature before loading products.



Figure 3: Ensure proper clearance around the cooler for optimal performance.

4. OPERATING INSTRUCTIONS

Your Frigoglass Visi Cooler is designed for dynamic cooling and efficient performance.

- **Temperature Control:** The cooler is equipped with a thermostat to regulate the internal temperature. Adjust the setting as needed to maintain the desired cooling level for your products.
- **Loading Products:** Load products evenly on the shelves. Do not overload the cooler, as this can impede airflow and cooling efficiency. Ensure products do not block the internal fan or air vents.
- **Door Operation:** Close the door firmly after each use to maintain internal temperature and conserve energy.

The door is designed for single-door operation.

- **Internal LED Lighting:** The cooler features internal LED lighting to illuminate products. This light typically operates automatically when the door is opened or can be controlled via a switch if available.

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Energy efficiency



Figure 4: The Frigoglass Visi Cooler is designed for high energy efficiency.

5. MAINTENANCE AND CLEANING

Regular maintenance ensures the longevity and efficiency of your cooler.

- **Cleaning the Interior:** Unplug the cooler. Use a soft cloth and mild, non-abrasive detergent to clean the interior surfaces and shelves. Rinse with clean water and dry thoroughly.
- **Cleaning the Exterior:** Wipe the exterior surfaces with a damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Condenser Coil Cleaning:** Periodically clean the condenser coils located at the back or bottom of the unit. Dust and debris can accumulate, reducing efficiency. Use a soft brush or vacuum cleaner. Ensure the unit is unplugged.
- **Door Gasket:** Inspect the door gasket regularly for cracks or damage. Clean it with warm, soapy water to ensure a tight seal.
- **Defrosting:** This cooler features dynamic cooling, which minimizes frost buildup. If significant frost accumulates, unplug the unit and allow it to defrost naturally. Do not use sharp objects to remove ice.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Cooler not cooling	Power cord unplugged; Thermostat set too high; Blocked air vents; Excessive door opening.	Check power connection; Adjust thermostat to a lower setting; Clear obstructions; Minimize door openings.
Unusual noise	Cooler not level; Objects vibrating against the unit; Fan obstruction.	Level the cooler; Remove vibrating objects; Check for fan obstructions (unplug first).
Water on floor	Drain pan overflowing; Drain hose clogged.	Empty drain pan; Clear drain hose.
Light not working	LED bulb failure; Electrical connection issue.	Contact service for LED replacement.

If the problem persists after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Detailed technical specifications for the Frigoglass Visi Cooler VG1D 370 [R134a]:

Feature	Detail
Model Number	VG1D 350 [R134a]
Capacity	369 Litres
Configuration	Single Door
BEE Star Rating	5 Star

Feature	Detail
Product Dimensions (LxWxH)	57.6 x 65 x 172.4 cm
Item Weight	82 kg
Colour	Blue
Cooling Type	Compressor, Dynamic Cooling
Voltage	50 Volts
Included Components	Shelf, LED
Country of Origin	India

8. WARRANTY AND SUPPORT

For warranty information and customer support, please contact Frigoglass directly.

- **Manufacturer:** Frigoglass India Pvt. Ltd.
- **Address:** Plot No. 26A, Sector-3, IMT Manesar, Gurgaon - 122050, India
- **Website:** www.frigoglass.com
- **Phone:** +91-124-4320800

Please have your model number (VG1D 350 [R134a]) and purchase date ready when contacting support.