

Frigoglass VG 600

Frigoglass Visi Cooler VG 600 Instruction Manual

Model: VG 600 | Volume: 613 Liters

1. INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation, installation, and maintenance of your Frigoglass Visi Cooler VG 600. Please read this manual thoroughly before using the appliance and retain it for future reference. This cooler is designed for commercial use, specifically for cooling and displaying beverages in various environments, including hot and humid climates.

2. SAFETY INFORMATION

Your safety and the safety of others are paramount. Please observe all safety warnings and instructions to prevent injury or damage.

- **Electrical Safety:** Ensure the cooler is connected to a properly grounded power outlet. Do not use extension cords or adapters. Disconnect power before cleaning or performing any maintenance.
- **Placement:** Position the cooler on a stable, level surface. Allow adequate ventilation space around the unit (at least 10 cm on sides and back) to ensure proper cooling performance and prevent overheating. Avoid direct sunlight or heat sources.
- **Handling:** The unit is heavy (approximately 109 kg). Use appropriate lifting equipment and personnel when moving the cooler to prevent injury or damage.
- **Flammable Refrigerant:** This appliance uses R134a refrigerant. Handle with care and ensure proper ventilation if a leak is suspected. Do not puncture the refrigerant circuit.
- **Internal LED:** The internal LED lighting is designed for illumination. Do not attempt to replace or repair the LED module yourself; contact qualified service personnel.
- **Children:** Keep children away from the appliance. Do not allow them to play with or inside the cooler.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of your Frigoglass Visi Cooler VG 600.

1. **Unpacking:** Carefully remove all packaging materials, including protective films and tapes. Inspect the cooler for any shipping damage. Report any damage to your supplier immediately.
2. **Placement:** Choose a location that is level, dry, and well-ventilated. Ensure the ambient temperature is within the cooler's operating range (designed for high ambient climate conditions). Maintain a minimum clearance of 10 cm around the sides and back for optimal airflow.
3. **Leveling:** Use a spirit level to ensure the cooler is perfectly level. Adjust the leveling feet at the bottom of the unit as needed. Proper leveling is crucial for door sealing and efficient operation.
4. **Initial Standby:** After positioning, allow the cooler to stand upright for at least 2-4 hours before plugging it in. This allows the refrigerant and compressor oil to settle.
5. **Power Connection:** Plug the cooler into a dedicated, grounded electrical outlet. Ensure the power supply matches the specifications on the cooler's rating label.
6. **Initial Startup:** Once plugged in, the cooler will begin to cool. Allow it to operate empty for several hours (e.g., 4-6 hours) to reach the desired temperature before loading products.



Figure 1: Angled front view of the Frigoglass Visi Cooler VG 600. This image shows the overall design and glass door, providing a visual reference for placement and initial setup.

4. OPERATING INSTRUCTIONS

Operating your Frigoglass Visi Cooler VG 600 is straightforward.

- **Temperature Control:** The cooler is equipped with a thermostat to regulate the internal temperature. Locate the thermostat control (usually at the top or rear interior) and adjust it to your desired cooling level. Lower settings typically result in colder temperatures.
- **Loading Products:** Arrange products on the adjustable shelves to allow for proper air circulation. Do not block the air vents inside the cooler. Overloading can hinder cooling efficiency.
- **Adjustable Shelves:** The shelves can be repositioned to accommodate different product heights. To

adjust, carefully lift the shelf, remove it from its supports, and reinsert it at the desired height.

- **Internal LED Lighting:** The cooler features internal LED lighting for product visibility. This lighting typically operates automatically when the door is opened or can be controlled by a dedicated switch, if present.
- **Dynamic Cooling:** The dynamic cooling system ensures uniform temperature distribution throughout the cabinet, keeping all products consistently chilled.



Figure 2: Front view of the Frigoglass Visi Cooler VG 600. This image highlights the glass door and internal shelving, demonstrating how products can be organized and displayed.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your visi cooler.

- **Cleaning the Interior:** Disconnect the power supply. Remove all products and shelves. Clean the interior surfaces with a mild detergent and warm water. Rinse with a clean cloth and dry thoroughly. Do not use abrasive cleaners or sharp objects.
- **Cleaning the Exterior:** Wipe the exterior surfaces with a soft cloth dampened with mild detergent. For the glass door, use a glass cleaner.
- **Condenser Coil Cleaning:** The condenser coils, usually located at the rear or bottom of the unit, should be cleaned periodically (every 3-6 months) to maintain cooling efficiency. Disconnect power, then use a soft brush or vacuum cleaner to remove dust and debris from the coils.
- **Door Gasket:** Regularly inspect the door gasket for cracks or damage. Clean the gasket with warm water and mild soap to ensure a tight seal. A damaged gasket can lead to energy loss.
- **Defrosting:** This cooler may feature an automatic defrost system. If manual defrosting is ever required (e.g., excessive ice buildup), disconnect power, remove contents, and allow ice to melt naturally. Do not use sharp objects to remove ice.



Figure 3: Side view of the Frigoglass Visi Cooler VG 600. This view can be helpful for understanding the unit's dimensions and ensuring adequate clearance for maintenance tasks like condenser coil cleaning.

6. TROUBLESHOOTING

Before contacting service, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Cooler not operating	No power supply; Power cord unplugged; Blown fuse/tripped breaker	Check power connection; Check fuse/breaker; Test outlet with another appliance

Problem	Possible Cause	Solution
Insufficient cooling	Thermostat set too high; Door not closing properly; Overloaded with products; Poor ventilation; Dirty condenser coils	Adjust thermostat to a colder setting; Check door seal/gasket; Reduce product load; Ensure adequate clearance around unit; Clean condenser coils
Excessive noise	Cooler not level; Loose components; Fan obstruction	Level the unit; Check for loose parts; Ensure fan is clear of obstructions
Internal LED not working	LED switch off; Faulty LED module	Check LED switch; Contact service for replacement

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

7. SPECIFICATIONS

Brand	Frigoglass
Model Number	VG1D 600 [R134a]
Capacity	613 Litres
Dimensions (LxWxH)	73.9 x 65 x 206.3 cm
Item Weight	109 kg
Cooling Type	Compressor
Refrigerant	R134a
Included Components	Shelf, LED
Country of Origin	India
Manufacturer	Frigoglass Industries Pvt. Ltd.

8. WARRANTY AND SUPPORT

Your Frigoglass Visi Cooler VG 600 comes with a **1-year comprehensive warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable operation under normal use conditions.

For warranty claims, technical support, or service inquiries, please contact:

Frigoglass India Pvt. Ltd.

Plot No. 26A, Sector-3,
IMT Manesar, Gurgaon - 122050,
India

Please have your model number (VG1D 600 [R134a]) and purchase details ready when contacting support.

