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Tefcold NC5000G

Tefcold NC5000G Glass Door Refrigerator - User Manual

Model: NC5000G



1. PRODUCT OVERVIEW

The Tefcold NC5000G is a high-capacity, two-door glass display refrigerator designed for commercial use. It features efficient cooling, robust construction, and user-friendly controls, making it ideal for showcasing beverages and other chilled products.



Figure 1: Front view of the Tefcold NC5000G Glass Door Refrigerator, showcasing its two hinged glass doors and spacious interior with shelves.



Figure 2: The refrigerator with its shelves stocked with various bottled and canned beverages, demonstrating its storage capacity.



Figure 3: An alternative view of the refrigerator's interior, displaying a mix of packaged goods and beverages on its shelves.

Key Features:

- Two hinged glass doors for optimal product visibility.
- Ventilated cooling system for uniform temperature distribution.
- Automatic defrost function.
- Electronic temperature control with digital display.
- Internal LED lighting for enhanced product presentation.
- Adjustable shelves for flexible storage.
- Integrated lock for security.

2. SAFETY INSTRUCTIONS

WARNING: Read all safety warnings and instructions before using this appliance. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Ensure the appliance is connected to a properly grounded power outlet.
- Do not operate the appliance with a damaged power cord or plug.
- Keep ventilation openings clear of obstruction.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Disconnect the appliance from the power supply before cleaning or performing maintenance.
- The refrigerant R290 is flammable. Handle with care and ensure proper ventilation during installation and servicing.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove the appliance from its packaging. Inspect for any shipping damage. Report any damage to your supplier immediately.

3.2 Placement

- Place the refrigerator on a firm, level surface capable of supporting its weight when fully loaded.
- Ensure adequate ventilation around the unit. Maintain a minimum clearance of 10 cm (4 inches) from walls and other objects on all sides (back, top, and sides) to allow for proper airflow and heat dissipation.
- Avoid placing the unit in direct sunlight or near heat sources (e.g., ovens, radiators) to ensure optimal performance and energy efficiency.
- The appliance is designed for indoor use only.

3.3 Leveling

The unit is equipped with adjustable feet and castors. Use the adjustable feet to level the appliance. Proper leveling is crucial for door alignment and efficient operation.

3.4 Electrical Connection

Before connecting, ensure the voltage and frequency of your power supply match the specifications on the appliance's rating label (220-240V/50Hz). Connect the unit to a dedicated, grounded electrical outlet.

3.5 First Use

After positioning and connecting the unit, allow it to stand for at least 2-4 hours before switching it on. This allows the refrigerant to settle. Once powered on, allow the refrigerator to cool down to the desired temperature before loading products.

4. OPERATING INSTRUCTIONS

4.1 Control Panel



Figure 4: Detail of the electronic control panel, showing the digital temperature display and control buttons.

The refrigerator features an electronic control panel, typically located at the bottom front of the unit. This panel includes a digital display showing the current internal temperature and buttons for adjustment.

4.2 Temperature Adjustment

- The standard operating temperature range for this model is 2°C to 8°C (35.6°F to 46.4°F).
- Use the arrow buttons (usually up/down) on the control panel to set the desired temperature.
- The display will show the set temperature briefly, then revert to displaying the current internal temperature.

4.3 Loading Products

- Ensure products are pre-chilled before placing them in the refrigerator to maintain stable internal temperatures.

- Do not overload shelves, as this can obstruct airflow and reduce cooling efficiency.
- Arrange products to allow for proper air circulation around them.

4.4 Interior Shelves



Figure 5: A detailed view of the interior shelf bracket system, illustrating how shelves can be adjusted.

The refrigerator comes with 10 white shelves. These shelves are adjustable to accommodate various product heights. To adjust, simply lift the shelf and reposition it on the desired shelf brackets.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your refrigerator.

5.1 Cleaning the Interior

- Disconnect the appliance from the power supply before cleaning.
- Clean the interior regularly with a mild detergent and warm water. Avoid abrasive cleaners or solvents.

- Wipe dry thoroughly after cleaning to prevent mold and mildew.
- Clean shelves and door seals regularly. Ensure door seals are free of debris to maintain a tight seal.

5.2 Cleaning the Exterior

- Wipe the exterior surfaces with a soft cloth and mild detergent.
- For glass doors, use a glass cleaner.

5.3 Condenser Coil Cleaning

The condenser coil, located at the bottom rear of the unit, should be cleaned periodically (e.g., every 3-6 months) to ensure efficient operation. Dust and debris on the coil can reduce cooling efficiency and increase energy consumption.

- Disconnect the appliance from the power supply.
- Carefully remove the front grille (if applicable) to access the condenser coil.
- Use a soft brush or vacuum cleaner with a brush attachment to remove dust and lint from the coil.
- Replace the grille securely.

5.4 Automatic Defrost

This unit features an automatic defrost system. During the defrost cycle, ice accumulated on the evaporator coil is melted and drained. You may notice water collecting in a drip tray, which then evaporates. This process is normal and does not require manual intervention.

6. TROUBLESHOOTING

Before contacting service, please check the following common issues:

Problem	Possible Cause	Solution
Refrigerator not cooling	<ul style="list-style-type: none"> • Power cord unplugged or no power. • Temperature setting too high. • Door left open or seal is faulty. • Condenser coil is dirty. • Overloaded with warm products. 	<ul style="list-style-type: none"> • Check power connection and circuit breaker. • Adjust temperature to a lower setting. • Ensure doors are closed properly; check and clean door seals. • Clean the condenser coil. • Remove some products or allow time for cooling.
Excessive noise	<ul style="list-style-type: none"> • Unit not level. • Objects vibrating against the unit. • Fan motor issue. 	<ul style="list-style-type: none"> • Adjust leveling feet. • Move objects away from the unit. • Contact qualified service personnel.
Water on floor/inside	<ul style="list-style-type: none"> • Drain tube blocked. • Door not sealing properly. 	<ul style="list-style-type: none"> • Clear any blockage in the drain tube. • Check and clean door seals; ensure doors close completely.

If the problem persists after checking these points, please contact a qualified service technician.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	NC5000G
Brand	Tefcold
External Dimensions (WxDxH)	1370 x 700 x 2022 mm
Gross / Net Volume	1149 / 1079 liters
Gross / Net Weight	252 / 212 kg
Temperature Range	2 to 8 °C
Number of Doors	2 hinged glass doors
Number of Shelves	10 white shelves
Cooling Type	Ventilated (Fan Assisted)
Defrost Type	Automatic
Refrigerant	R290 (150 g charge)
Energy Class	B
Energy Consumption	2.81 kWh/24h
Annual Energy Consumption	1024 kWh/year
Power Consumption	500 W
Voltage / Frequency	220-240V / 50Hz
Noise Level	45 dB(A)
Lock Type	Electronic
Installation Type	Freestanding

8. WARRANTY AND SUPPORT

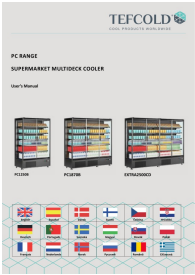





For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer/supplier. Tefcold products typically come with a manufacturer's warranty covering defects in materials and workmanship.

For technical support, spare parts, or service inquiries, please contact your authorized Tefcold dealer or the customer service department of your point of purchase. When contacting support, please have your model number (NC5000G) and serial number (if applicable) ready.

You can also visit the official Tefcold website for more information and contact details:www.tefcold.com



Related Documents - NC5000G

	<p>TEFCOLD PC Range Supermarket Multideck Cooler User's Manual</p> <p>User's manual for TEFCOLD PC Range Supermarket Multideck Coolers. Features frameless glass doors, LED lighting, energy efficiency, and suitability for supermarkets. Covers models PC1250B, PC1870B, EXTRA2500CD.</p>
	<p>Tefcold Beverage Cooler User Manual and Instructions</p> <p>Comprehensive user manual and installation guide for Tefcold beverage display coolers, covering safety, setup, operation, maintenance, and technical specifications. Available in multiple languages.</p>
	<p>Tefcold Flaskekølere - Brugsvejledning</p> <p>Denne brugsvejledning fra Tefcold giver omfattende information om installation, betjening, vedligeholdelse og sikkerhed for Tefcold displaykølere og drikkevarekølere. Dokumentet dækker en bred vifte af modeller og er designet til at sikre korrekt og sikker brug af udstyret.</p>
	<p>Tefcold Displaykøler Brugsvejledning</p> <p>Denne brugsvejledning fra Tefcold giver detaljerede instruktioner til installation, betjening, vedligeholdelse og sikkerhed for Tefcold displaykølere. Sikrer optimal ydeevne og lang levetid for kommercielle køleenheder.</p>
	<p>Tefcold Køleskab Brugsvejledning: Sikkerhed, Installation og Vedligeholdelse</p> <p>Komplet brugsvejledning til Tefcold køleskabe. Lær om sikkerhed, korrekt installation, drift, vedligeholdelse og fejlfinding for at sikre optimal ydeevne.</p>
	<p>Tefcold RK710 Refrigerator Spare Parts List</p> <p>Comprehensive spare parts list for the Tefcold RK710 commercial refrigerator (Model 20171). Includes detailed item numbers and descriptions for all components, from hinges and gaskets to compressors and fans.</p>