

Nikai NRF601F24W

Nikai NRF601F24W Refrigerator User Manual

Model: NRF601F24W

1. INTRODUCTION

Thank you for choosing the Nikai NRF601F24W No Frost Two-Door Refrigerator. This manual provides essential information for the safe and efficient use, installation, and maintenance of your appliance. Please read these instructions carefully before operating the refrigerator and retain them for future reference.

2. SAFETY INFORMATION

General Safety:

- This appliance is intended for household use only.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments, unless they are of the type recommended by the manufacturer.

Electrical Safety:

- Ensure the power supply voltage matches the rating label on the appliance.
- Do not pull the power cord to disconnect the appliance from the mains. Always grasp the plug firmly.
- Do not operate the appliance with wet hands.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

Refrigerant Warning (R600a):

This appliance contains R600a refrigerant, which is a natural gas with high environmental compatibility but is also

flammable. During transportation and installation, ensure that none of the components of the refrigerant circuit become damaged. If damage occurs, avoid open flames or ignition sources and ventilate the room thoroughly.

3. PRODUCT OVERVIEW

The Nikai NRF601F24W is a two-door, no-frost refrigerator designed for efficient food preservation. It features separate compartments for refrigeration and freezing, equipped with various storage solutions.



Figure 1: Exterior view of the Nikai NRF601F24W Refrigerator.



Figure 2: Interior view of the refrigerator compartment, showing glass shelves and door bins.

Key Components:

- **Refrigerator Compartment:** Upper section for fresh food storage, equipped with adjustable glass shelves and door bins.
- **Freezer Compartment:** Lower section for frozen food, featuring a twist ice maker.
- **Temperature Control Dial/Panel:** Located inside the refrigerator compartment for adjusting cooling levels.
- **LED Lighting:** Internal LED light for clear visibility.
- **External Handle:** For easy opening of doors.
- **Lock and Key:** For securing the contents of the refrigerator.

4. SETUP

4.1 Unpacking and Placement:

1. Remove all packaging materials, including foam and adhesive tape.
2. Place the refrigerator on a firm, level surface. Use the adjustable feet to level the appliance if necessary.
3. Ensure adequate ventilation around the refrigerator. Leave at least 10 cm of space at the back and sides, and 30 cm at the top for proper air circulation.
4. Avoid placing the refrigerator in direct sunlight or near heat sources like stoves or radiators, as this will increase energy consumption.

4.2 Electrical Connection:

1. Before plugging in, ensure the refrigerator has been upright for at least 2-4 hours to allow the refrigerant to settle.
2. Connect the appliance to a grounded power outlet. The refrigerator operates on AC 220-240V, 60Hz.
3. Do not use extension cords or multiple adapters.

4.3 Initial Cleaning:

1. Before first use, clean the interior and exterior of the refrigerator with a soft cloth and a mild detergent solution.
2. Wipe dry thoroughly.

4.4 First Use:

1. After plugging in, set the temperature control to a medium setting.
2. Allow the refrigerator to operate for 2-3 hours empty before placing food inside, to ensure it reaches the optimal temperature.

5. OPERATING INSTRUCTIONS

5.1 Temperature Control:

- The temperature control dial/panel is located inside the refrigerator compartment.
- Adjust the setting according to your needs. A higher number or colder setting provides lower temperatures.
- Consider ambient temperature and frequency of door openings when setting the temperature.

5.2 Using the Twist Ice Maker:

1. Fill the ice cube trays with water.
2. Place the filled trays into the designated ice maker compartment in the freezer.

3. Once the water has frozen, twist the knobs on the ice maker to release the ice cubes into the storage bin below.

5.3 Food Storage Guidelines:

- **Refrigerator Compartment:** Store fresh foods such as fruits, vegetables, dairy products, and cooked meals. Ensure food is covered to prevent drying out and odor transfer.
- **Freezer Compartment:** Suitable for long-term storage of frozen foods. Do not refreeze thawed foods.
- Avoid overloading the compartments to allow for proper air circulation.

5.4 Internal LED Lighting:

The refrigerator is equipped with energy-efficient LED lighting that illuminates automatically when the door is opened.

5.5 Door Lock:

Use the provided key to lock and unlock the refrigerator doors for added security, if desired.

6. MAINTENANCE

6.1 Cleaning the Interior:

1. Unplug the refrigerator before cleaning.
2. Remove all food and shelves.
3. Wash the interior surfaces with a solution of warm water and mild detergent or baking soda.
4. Rinse and dry thoroughly.

6.2 Cleaning the Exterior:

1. Wipe the exterior surfaces with a soft cloth dampened with water and mild detergent.
2. For the anti-bacterial metallic finish, use a non-abrasive cleaner.
3. Clean the door seals regularly to ensure a tight seal and prevent mold growth.

6.3 No Frost System:

This refrigerator features a No Frost system, which automatically prevents ice buildup in both the freezer and refrigerator compartments. Manual defrosting is not required.

6.4 Power Outage:

In case of a power outage, keep the refrigerator doors closed to maintain the internal temperature for as long as possible. Avoid opening the doors unnecessarily.

7. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged; temperature setting too high; door not closed properly; excessive food load.	Check power connection; adjust temperature setting; ensure door is sealed; reduce food load.
Unusual noises	Appliance not level; objects vibrating against the refrigerator; normal operating sounds (compressor, refrigerant flow).	Level the appliance; remove vibrating objects; these sounds are normal.

Problem	Possible Cause	Solution
Water on floor	Drain tube blocked; door not sealed properly.	Clear the drain tube; check door seal for obstructions.
Door not closing completely	Food packages obstructing; door gasket dirty or damaged; appliance not level.	Rearrange food; clean or replace gasket; level the appliance.

8. SPECIFICATIONS

Feature	Detail
Brand	Nikai
Model Number	NRF601F24W
Type	Two-Door Refrigerator with Bottom Freezer
Total Capacity	400 Liters (14.1 cu ft)
Refrigerator Capacity	307 Liters (10.8 cu ft)
Freezer Capacity	93 Liters (3.3 cu ft)
Defrost System	No Frost (Automatic Defrost)
Refrigerant	R600a (CFC-free)
Voltage	220-240V AC
Frequency	60 Hz
Annual Energy Consumption	800 kWh per year
Dimensions (W x D x H)	720 x 755 x 1820 mm
Weight	75-80 kg
Shelves	Glass shelves with edges
Special Features	Inverter Compressor, Twist Ice Maker, Anti-bacterial Metallic Finish, Internal LED Light, External Handle, Lock and Key
Color	White
Country of Origin	China

9. WARRANTY AND SUPPORT

Warranty Information:

This product is eligible for a **two-year warranty** provided by the manufacturer/brand from the date of purchase. For detailed terms and conditions, or to claim warranty service, please contact the manufacturer/brand or seller directly.

Customer Support:

For technical assistance, service requests, or inquiries, please contact Nikai customer support at the following regional numbers:

- **Dammam:** +966-13-8343691
- **Qassim:** +966 581044198
- **Abha:** +966 593322785