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› [BLACK+DECKER](#) /

› BLACK+DECKER 16 Cu. Ft. French Door Refrigerator with Built-in Ice Maker, Model BRF1600GIMB User Manual

BLACK+DECKER BRF1600GIMB

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1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your new BLACK+DECKER 16 Cu. Ft. French Door Refrigerator with Built-in Ice Maker, Model BRF1600GIMB. Please read these instructions thoroughly before installation and use, and retain them for future reference. This refrigerator features a modern French door design, a bottom-mount freezer drawer, a built-in ice maker, digital temperature control, and is ENERGY STAR certified.





Image 1.1: Front view of the BLACK+DECKER 16 Cu. Ft. French Door Refrigerator.

2. SAFETY INFORMATION

Your safety and the safety of others are very important. We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.

General Safety Precautions:

- **Electrical Safety:** Ensure the refrigerator is connected to a properly grounded 120V, 60Hz electrical outlet. Do not use extension cords or ungrounded adapters.
- **Flammable Materials:** Do not store explosive substances such as aerosol cans with a flammable propellant in

this appliance. Keep flammable materials and vapors away from the refrigerator.

- **Ventilation:** Maintain adequate ventilation around the appliance to prevent overheating and ensure efficient operation.
- **Child Safety:** Supervise children when they are near the appliance. Old refrigerators are dangerous if left unattended. Remove doors before disposal.
- **Water Connection:** For models with an ice maker, ensure the water supply connection is performed by a qualified professional to prevent leaks and water damage.
- **Moving the Appliance:** Use caution when moving the refrigerator to avoid damage to flooring or the appliance itself. It is recommended to have two or more people move the unit.

3. SETUP AND INSTALLATION

3.1 Unpacking

- Remove all packaging materials, including tape and protective films.
- Inspect the refrigerator for any shipping damage. Report any damage immediately to the retailer.

3.2 Placement

Select a location with a firm, level floor that can support the weight of the refrigerator when fully loaded. Avoid direct sunlight or heat sources. Ensure proper clearances for ventilation and door opening.

28.35"(W) x 29.33"(D) x 70.4" (H)

Necessary clearance around the refrigerator:

Sides: 2", Top: 2", Back: 4"



Image 3.1: Diagram showing the refrigerator dimensions (28.35" W x 29.33" D x 70.4" H) and recommended clearances: 2 inches on sides, 2 inches on top, and 4 inches at the back for proper ventilation.

- **Dimensions:** 29"D x 28.3"W x 69.9"H.
- **Required Clearances:** Maintain at least 2 inches on the sides, 2 inches on top, and 4 inches at the back for adequate airflow.

3.3 Leveling

Adjust the leveling feet at the bottom of the refrigerator to ensure it is stable and level. This helps with door alignment and proper operation.

3.4 Electrical Connection

Plug the refrigerator into a dedicated, grounded 120V, 60Hz electrical outlet. Do not use a power strip or extension cord.

3.5 Water Line Connection (for Ice Maker)

For the built-in ice maker, connect the refrigerator to a cold water supply line. It is recommended to have a qualified plumber perform this installation to prevent leaks.

4. OPERATING INSTRUCTIONS

4.1 Initial Startup

After installation, allow the refrigerator to stand upright for at least 2-4 hours before plugging it in. Once plugged in, allow the unit to cool for several hours before loading food.

4.2 Digital Temperature Control

The refrigerator features a digital thermostat for precise climate control of both the refrigerator and freezer sections. Use the control panel to set desired temperatures.

Built-in Ice Maker

Adjustable Temperature Control



Image 4.1: Close-up of the digital temperature control panel, showing settings for fridge and freezer temperatures, and quick-select options for Seafood, Meat, and Vegetable modes.

- **Temperature Adjustment:** Press the 'Fridge' or 'Freezer' buttons to adjust the temperature settings.
- **Quick Select Modes:** Utilize preset modes for optimal storage of specific food types like Seafood, Meat, or Vegetables.

4.3 Built-in Ice Maker

The integrated ice maker with a built-in sensor produces up to 3.5 lbs of ice per day, depending on operating conditions.



Image 4.2: The refrigerator's interior with the ice maker compartment in the freezer drawer highlighted, indicating its capacity to produce up to 3.5 lbs of ice per day.

- Ensure the water supply is connected and the ice maker is turned on (if applicable).
- Discard the first few batches of ice to ensure cleanliness.

4.4 Storage and Organization

The refrigerator offers ample storage with full-width glass shelves, crispers, and door bins.

3 Full-width Glass Shelves

2 Crispers + Cover

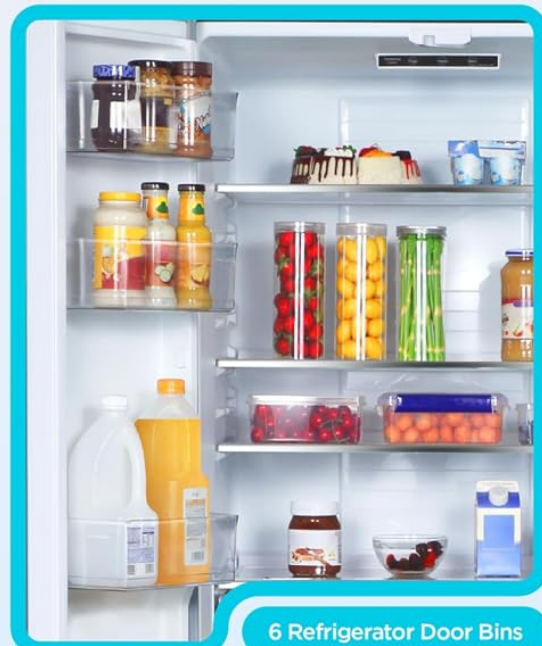
6 Refrigerator door bins



2 Crispers + Cover



6 Refrigerator Door Bins



6 Refrigerator Door Bins

Image 4.3: Detailed view of the refrigerator's interior, showcasing three full-width glass shelves, two crisper drawers with covers, and six refrigerator door bins for organized storage.

- **Glass Shelves:** Three full-width glass shelves provide flexible storage for various items.
- **Crispers:** Two crisper drawers with covers are ideal for storing fruits and vegetables to maintain freshness.
- **Door Bins:** Six refrigerator door bins offer convenient storage for bottles, condiments, and smaller items.

4.5 Frost-Free Auto-Defrost and Fast Freeze Feature

The refrigerator is equipped with an automatic defrost system, eliminating the need for manual defrosting. The Fast Freeze feature allows for rapid freezing of new items.

Frost-Free Auto-Defrost

Fast Freeze Feature



Image 4.4: The refrigerator with a visual representation of the Fast Freeze feature in the bottom freezer compartment.

5. MAINTENANCE

5.1 Cleaning

- **Interior:** Clean the interior regularly with a solution of mild soap and warm water. Wipe dry with a soft cloth.

Remove shelves and drawers for thorough cleaning.

- **Exterior:** Wipe the exterior surfaces with a soft cloth and mild detergent. For stainless steel finishes, use a specialized stainless steel cleaner.
- **Door Gaskets:** Clean door gaskets regularly to ensure a tight seal.
- **Condenser Coils:** Periodically clean the condenser coils located at the back or bottom of the refrigerator to maintain efficiency. Unplug the unit before cleaning coils.



Image 5.1: An empty refrigerator interior, illustrating the accessibility for thorough cleaning of shelves and compartments.

5.2 Defrosting

This refrigerator features an automatic defrost system, so manual defrosting is not required.

6. TROUBLESHOOTING

Before contacting customer service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator does not operate	Not plugged in; circuit breaker tripped; power outage.	Ensure plug is secure; reset circuit breaker; check household power.
Temperature is too warm	Door left open; temperature setting too high; excessive food load; poor ventilation.	Check door seal; adjust temperature setting; allow space for air circulation; ensure proper clearances.
Ice maker not producing ice	Water supply off; clogged water line; ice maker switch off.	Check water valve; inspect water line for kinks; ensure ice maker is switched on.
Unusual noises	Refrigerator not level; items vibrating inside; normal operating sounds.	Level the unit; rearrange items; some sounds (e.g., refrigerant flow, defrost) are normal.
Water on floor	Clogged drain tube; loose water line connection.	Clear drain tube; tighten water line connections (if applicable).

7. SPECIFICATIONS

Technical specifications for the BLACK+DECKER 16 Cu. Ft. French Door Refrigerator, Model BRF1600GIMB:

Feature	Detail
Brand	BLACK+DECKER
Model Number	BRF1600GIMB
Item Weight	193 pounds
Product Dimensions	29 x 28.3 x 69.9 inches (D x W x H)
Capacity	16 Cubic Feet
Refrigerator Fresh Food Capacity	11 Cubic Feet
Freezer Capacity	5 Cubic Feet
Annual Energy Consumption	523 Kilowatt Hours Per Year
Installation Type	Freestanding
Form Factor	Freezer Bottom, French Door
Color	Black
Voltage	120 Volts
Wattage	470 watts
Crispers/Drawers	1
Defrost Type	Automatic
Door Hinges	Reversible
Door Material Type	Steel
Shelf Type	Glass
Number of Shelves	3
Certification	Energy Star
Included Components	Refrigerator, manual

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official BLACK+DECKER website. You can also download the full user manual in PDF format from the following link: [BLACK+DECKER Refrigerator User Manual \(PDF\)](#).