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Blue Star HT3-N180

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Blue Star HT3-N180 Deep Freezer User Manual

Model: HT3-N180 | Capacity: 161 Liters

1. INTRODUCTION

Thank you for choosing the Blue Star HT3-N180 Deep Freezer. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your appliance. Please read it thoroughly before using the deep freezer and keep it for future reference.

The Blue Star HT3-N180 is a 180-liter hard top single door deep freezer designed for reliable cooling and freezing. It features convertible cooling, Quadracool Technology, and a heavy-duty compressor to ensure optimal performance and food preservation.

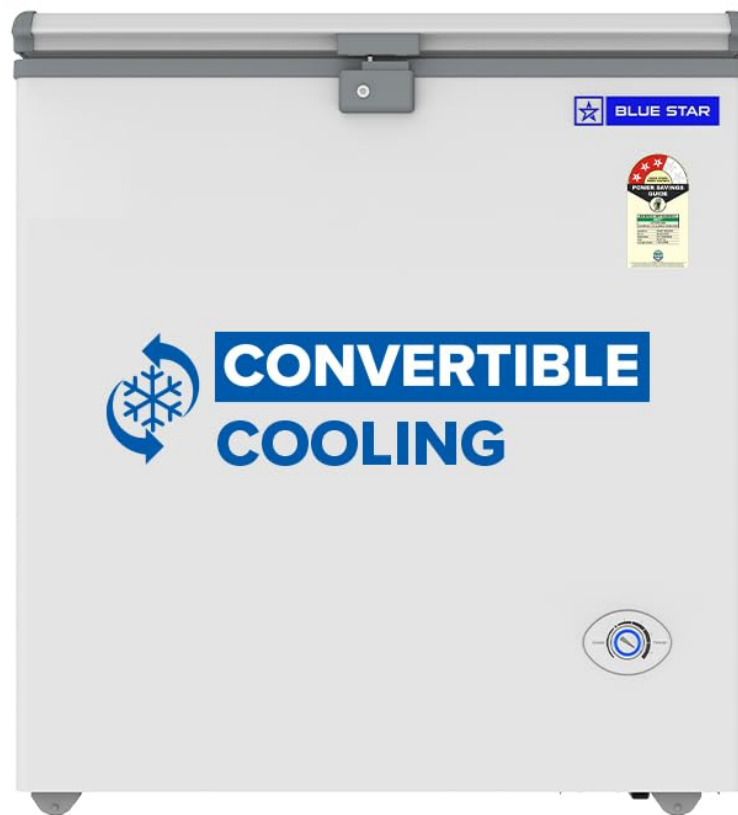


Figure 1: Front view of the Blue Star HT3-N180 Deep Freezer.

2. SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury, follow these basic precautions:

- Ensure the appliance is properly grounded.
- Do not use extension cords or ungrounded adapters.
- Keep ventilation openings clear of obstructions.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Unplug the appliance before cleaning or performing maintenance.
- Do not damage the refrigerant circuit.
- 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.

3. PRODUCT OVERVIEW

The Blue Star HT3-N180 Deep Freezer is designed for efficient and versatile storage. Key features include:

- **Convertible Cooling:** Operates seamlessly as both a freezer and a cooler, adapting to your storage needs.
- **Quadracool Technology:** Ensures uniform and efficient cooling from all four sides, locking in freshness.
- **Durable & Corrosion Resistant:** Constructed with robust materials and protective coatings for long-lasting performance.
- **Heavy Duty Compressor:** Provides high capacity and reliable operation, even under high ambient conditions, for superior performance and faster pull-down.
- **Lockring Technology:** Features leak-proof evaporator joints to guarantee zero refrigerant loss.
- **Energy Efficient:** Designed for optimal power savings.
- **Eco-Friendly Refrigerant:** Uses R600a refrigerant.

Included Components:

- Deep freezer: 1 unit
- User manual: 1 unit
- Ice-scraper: 1 unit
- Keys: 2 units

4. SETUP AND INSTALLATION

4.1 Unpacking

- Carefully remove all packaging materials.
- Inspect the freezer for any damage during transit. Report any damage to your dealer immediately.
- Keep packaging materials out of reach of children.

4.2 Placement

- Place the freezer on a firm, level surface capable of supporting its weight when fully loaded.
- Ensure adequate ventilation around the appliance. Maintain a minimum clearance of 10 cm (4 inches) from walls and other objects on all sides to allow for proper air circulation.
- Avoid direct sunlight or proximity to heat sources (e.g., stoves, radiators) to ensure efficient operation.
- Do not install the freezer in damp or wet locations.



Figure 2: Product Dimensions (57D x 76.5W x 84.2H Centimeters).

4.3 Electrical Connection

- Connect the freezer to a dedicated, properly grounded electrical outlet.
- The voltage requirement for this appliance is 160 Volts. Ensure your power supply matches this specification.
- Do not overload the circuit with other appliances.
- Allow the freezer to stand upright for at least 2-4 hours before plugging it in to allow refrigerants to settle.

5. OPERATING INSTRUCTIONS

5.1 Initial Start-up

- After plugging in, the compressor will start. Allow the freezer to operate empty for 2-4 hours to reach the desired temperature before loading food items.

5.2 Temperature Control

The temperature control dial is typically located on the front or side of the unit. Rotate the dial to adjust the internal temperature. Higher numbers usually indicate colder settings.

- For freezing: Set the dial to a colder setting (e.g., 'Max' or a higher number).
- For cooling (refrigerator mode): Set the dial to a warmer setting (e.g., 'Min' or a lower number).

5.3 Convertible Cooling Function

Your Blue Star HT3-N180 Deep Freezer features convertible cooling, allowing it to function as either a freezer or a cooler. To switch modes, adjust the temperature control dial to the desired range:

- **Freezer Mode:** For long-term storage of frozen foods, set the temperature control to the freezing range (typically -18°C to -24°C).
- **Cooler Mode:** For chilling beverages or fresh produce, set the temperature control to the cooling range (typically 0°C to 10°C).

Allow several hours for the internal temperature to stabilize after changing the setting.



Figure 3: Convertible Cooling feature.

5.4 Loading the Freezer

- Do not overload the freezer. Allow space for air to circulate around items for efficient cooling.
- Avoid placing hot food directly into the freezer; allow it to cool down first.
- Ensure the lid is closed tightly after each use to maintain temperature and save energy.

6. MAINTENANCE AND CARE

6.1 Cleaning

- **Always unplug the freezer before cleaning.**
- Clean the interior with a mild detergent and warm water. Rinse thoroughly and dry with a soft cloth.
- Clean the exterior with a damp cloth and mild soap.
- Regularly clean the condenser coils at the back of the unit (if accessible) with a soft brush or vacuum cleaner to ensure efficient operation.

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6.2 Defrosting

Frost buildup reduces cooling efficiency. Defrost the freezer when the frost layer reaches about 0.5 cm (1/4 inch) thickness.

- Unplug the freezer.
- Remove all food items and store them in another freezer or cooler.
- Open the lid and allow the frost to melt naturally. You can place towels at the bottom to absorb water.
- Use the provided ice-scraper to gently remove frost. **Do not use sharp metal objects.**
- Once defrosted, clean and dry the interior thoroughly before plugging it back in and reloading food.

6.3 Gasket Care

The anti-bacterial gasket ensures a tight seal and prevents bacterial growth. Keep the gasket clean and free from debris to maintain its effectiveness.

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4

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Figure 4: Durable & Corrosion Resistant design with Anti-Bacterial Gasket.

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7. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Freezer does not operate	No power supply Power cord not plugged in Blown fuse/tripped circuit breaker	Check power outlet Ensure cord is securely plugged in Check and replace fuse or reset breaker

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Problem	Possible Cause	Solution
Temperature is not cold enough	Temperature control set too warm Lid not closed properly Excessive frost buildup Poor ventilation Too much food loaded at once	Adjust temperature control to a colder setting Ensure lid is sealed Defrost the freezer Ensure adequate clearance around the unit Reduce load, allow time for cooling
Excessive noise	Freezer not level Objects vibrating against the unit Normal compressor operation	Adjust leveling feet Remove objects Some operational noise is normal
Water on floor (leakage)	Drain plug not properly inserted During defrosting	Ensure drain plug is secure This is normal during defrosting; wipe up water

8. SPECIFICATIONS

Feature	Specification
Brand	Blue Star
Model Name	HT3-N180
Product Type	Hard Top Single Door Deep Freezer
Gross Capacity	180 Liters
Net Capacity	161 Liters
Colour	White
Energy Rating	3-star
Product Dimensions (D x W x H)	57D x 76.5W x 84.2H Centimeters
Item Weight	31000 Grams
Voltage	160 Volts
Installation Type	Freestanding
Refrigerant	R600a (Eco-Friendly)



Figure 5: Energy Efficiency and Eco-Friendly Refrigerant.

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9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Blue Star HT3-N180 Deep Freezer comes with a **4 years comprehensive warranty**. This warranty covers manufacturing defects and includes gas charging. For detailed terms and conditions, please refer to the official Blue Star warranty policy.

You can find more information regarding warranty terms and conditions on the official Blue Star website: [Blue Star Warranty Terms & Conditions](#).



Figure 6: Extended Warranty Offer.

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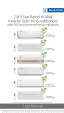
9.2 Customer Support

For any service requests, technical assistance, or queries not covered in this manual, please contact Blue Star customer support. Refer to the contact information provided with your purchase documentation or visit the official Blue Star website for the latest support details.

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	Blue Star MEA Airconditioning LLC Financial Statements - Year Ended March 31, 2025 Review the official audited financial statements for Blue Star MEA Airconditioning LLC for the fiscal year ending March 31, 2025. This report includes the independent auditor's report, statement of financial position, profit or loss, changes in equity, cash flows, and detailed notes.
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