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› Norcold N15DCIMSS 15 Cu. Ft. 12V DC Compressor Refrigerator with Ice Maker - Instruction Manual

NORCOLD INC N15DCIMSS

Norcold N15DCIMSS 15 Cu. Ft. 12V DC Compressor Refrigerator with Ice Maker

Model: N15DCIMSS

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Norcold N15DCIMSS 15 Cu. Ft. 12V DC Compressor Refrigerator with Ice Maker. Please read these instructions thoroughly before using the appliance to ensure safe and efficient operation.

The Norcold N15DCIMSS is a 15 cubic feet capacity refrigerator featuring stainless steel French doors for the fresh food compartment and a bottom freezer drawer. It includes a built-in ice maker, glass interior shelves, and clear door bins for organized storage. The unit is designed with fully integrated ergonomic door and travel latches, and offers adjustable independent thermostats for both fresh and frozen compartments. It operates on a 12V DC power supply and incorporates a Night Mode to optimize battery usage and reduce noise.



This image displays the Norcold N15DCIMSS refrigerator from the front, showcasing its stainless steel French doors for the refrigerator compartment and a pull-out drawer for the freezer compartment at the bottom. The integrated handles are visible in the center.

2. SAFETY INFORMATION

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

- Read all instructions before using the appliance.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Ensure proper grounding for electrical connections.
- Disconnect power before cleaning or performing maintenance.

- Keep ventilation openings clear of obstruction.
- 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. INSTALLATION

3.1 Unpacking

Carefully remove all packaging materials. Inspect the refrigerator for any shipping damage. Report any damage immediately to your dealer.

3.2 Location and Ventilation

Install the refrigerator in a location that allows for adequate air circulation around the unit. Ensure sufficient clearance at the top, back, and sides for proper heat dissipation. This unit is designed for RV standard mounting without additional brackets.

3.3 Electrical Connection

The Norcold N15DCIMSS operates on a **12V DC** power supply. Ensure your power source can provide a stable 12V DC with a minimum of **6.5 Amps**. Individual compressors with separate wire inputs allow for flexibility in wire size selection. Consult a qualified electrician for proper wiring to prevent electrical hazards and ensure optimal performance.

3.4 Water Connection (for Ice Maker)

Connect the refrigerator to a potable water supply for the ice maker. Ensure all connections are secure and leak-free. A water filter is recommended to maintain ice quality and prevent mineral buildup.

4. OPERATING INSTRUCTIONS

4.1 Initial Power-Up

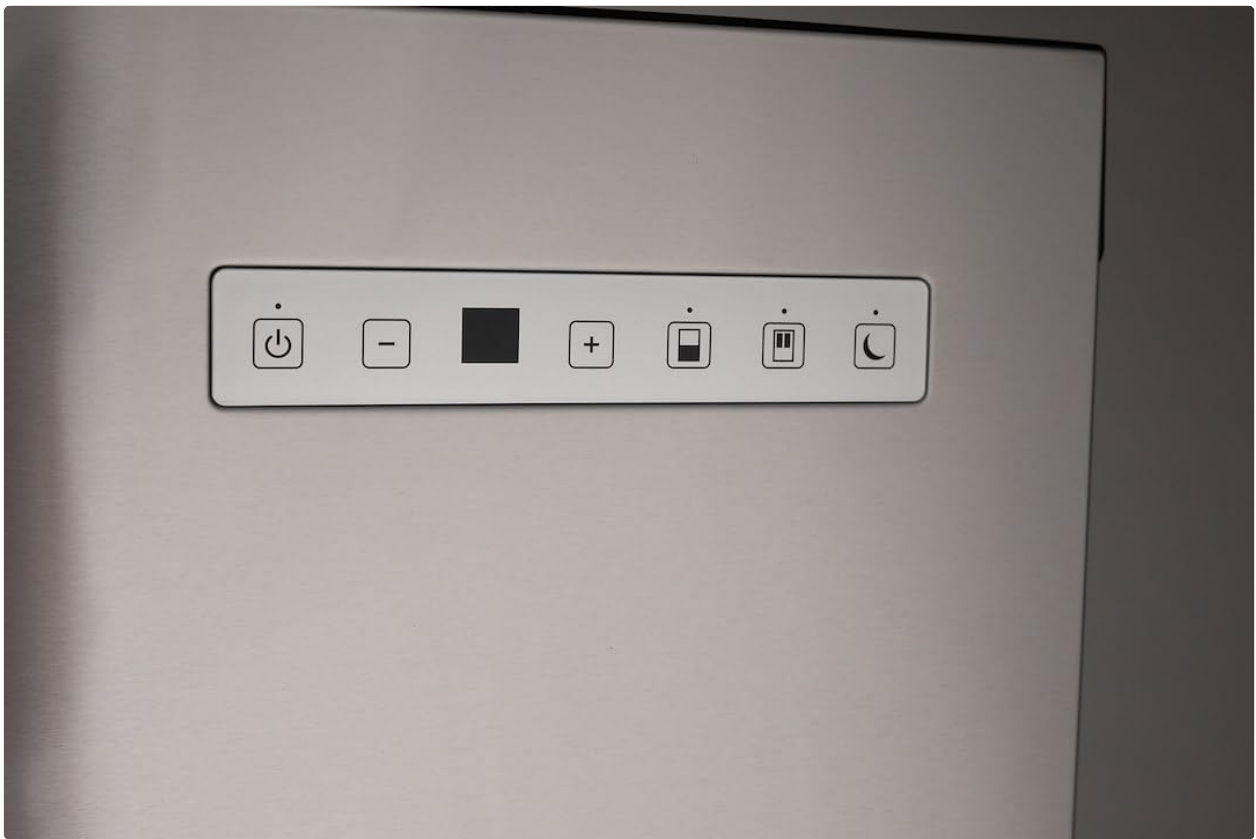
After installation, connect the refrigerator to the 12V DC power supply. The unit will begin to cool. Allow several hours for the refrigerator and freezer compartments to reach their set temperatures before loading with food.



The interior of the Norcold N15DCIMSS refrigerator is shown with both French doors open. It features multiple glass shelves, clear door bins for storage, and the built-in ice maker located in the upper left section of the fresh food compartment.

4.2 Control Panel

The control panel is located on the upper right door of the refrigerator. It allows for power control, temperature adjustments, and activation of special modes.



This image provides a close-up of the refrigerator's control panel, located on the upper right door. It includes buttons for power, temperature adjustment (plus and minus), and a night mode function, indicated by a crescent moon icon.

- **Power Button:** Press to turn the unit on or off.
- **Temperature Adjustment (+/-):** Use these buttons to increase or decrease the temperature settings for the fresh food and freezer compartments. The refrigerator features adjustable independent thermostats.
- **Night Mode:** Activate Night Mode to reduce compressor and fan speed, conserving battery charge and minimizing noise during nighttime hours.

4.3 Storage Features

- **Glass Interior Shelves:** The refrigerator compartment includes multiple glass shelves. One sliding shelf adjusts for various sized containers.
- **Clear Door Bins:** Utilize the clear door bins for convenient storage of smaller items and beverages.
- **Ice Maker:** The built-in ice maker automatically produces ice when connected to a water supply and the unit is operating.

5. MAINTENANCE

5.1 Cleaning

Regular cleaning helps maintain the efficiency and appearance of your refrigerator.

- **Interior:** Clean the interior with a mild detergent and warm water solution. Rinse thoroughly and dry with a soft cloth. Avoid abrasive cleaners or solvents.
- **Exterior:** Wipe down the stainless steel exterior with a soft cloth and a stainless steel cleaner. Do not use abrasive pads or harsh chemicals.
- **Door Seals:** Periodically inspect and clean the door gaskets to ensure a tight seal. A damaged seal can lead to inefficient cooling.

5.2 Defrosting

This refrigerator features an automatic defrost system for the fresh food compartment. The freezer compartment may require occasional manual defrosting if excessive frost buildup occurs. To manually defrost, turn off the unit, remove all contents, and allow the frost to melt naturally. Do not use sharp objects to remove ice.

6. TROUBLESHOOTING

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

- **Refrigerator Not Cooling:**

- Check if the power cord is securely plugged in.
- Verify the temperature settings are correct.
- Ensure doors are fully closed and seals are intact.
- Check for obstructions around the condenser coils.

- **Ice Maker Not Producing Ice:**

- Ensure the water supply is connected and the valve is open.
- Check if the ice maker is turned on.
- Verify the freezer temperature is set correctly.

- **Unusual Noises:**

- Normal operating noises include compressor hum, fan sounds, and occasional gurgling from refrigerant.
- Ensure the refrigerator is level and not touching walls or cabinets.

- **Water Leaks:**

- Check water line connections for the ice maker.
- Ensure the drain pan is correctly positioned and not overflowing.

If problems persist after attempting these solutions, contact Norcold customer support or a qualified service technician.

7. SPECIFICATIONS

Feature	Specification
Model Number	N15DCIMSS
Brand	NORCOLD INC
Capacity	15 Cubic Feet
Configuration	French Door
Color	Black Frame, Stainless Steel Finish
Product Dimensions (D x W x H)	24"D x 32.75"W x 63.32"H
Item Weight	238 Pounds
Voltage	12 V
Amperage	6.5 Amp
Cooling Method	Compressor
Shelf Type	Sliding Glass
Adjustable Temperature Control	Yes (Independent for Fresh/Frozen)
Ice Maker	Built-in
Number of Doors	2 (French Doors) + 1 (Freezer Drawer)
Installation Type	Freestanding / RV Standard Mounting

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Norcold website. For technical assistance, parts, or service inquiries, please contact Norcold customer support directly. When contacting support, please have your model number (N15DCIMSS) and serial number ready.