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› [Dometic](#) /

› Dometic Blizzard NXT 15,000 BTU Rooftop Air Conditioner with Heat Pump User Manual

Dometic H551916AXX1J0



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MODEL: H551916AXX1J0

Introduction

Welcome to the Dometic Blizzard NXT 15,000 BTU Rooftop Air Conditioner with Heat Pump user manual. This document provides essential information for the safe and efficient operation, installation, and maintenance of your Dometic Blizzard NXT unit. Please read this manual thoroughly before installation or use to ensure proper function and longevity of your product.

The Dometic Blizzard NXT is designed for recreational vehicles, offering both cooling and heating capabilities. It features an aerodynamic design, robust construction, and efficient airflow for optimal climate control.

Safety Information

Important Safety Instructions: Failure to follow these instructions could result in property damage, personal injury, or death.

- **Professional Installation:** Installation of this unit should only be performed by a qualified service technician. Improper installation can lead to electrical hazards, refrigerant leaks, and operational failures.
- **Electrical Safety:** Ensure the power supply is disconnected before any installation, maintenance, or troubleshooting. The unit operates on 120 Volts.
- **Refrigerant Handling:** This unit contains refrigerant. Only qualified personnel should handle refrigerant to prevent environmental damage and personal injury.
- **Structural Integrity:** Verify that the RV roof structure can support the weight of the unit (approximately 92 pounds).
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Product Overview

The Dometic Blizzard NXT is engineered for performance and durability in various environmental conditions. Key features include:

- Attractive aerodynamic design

- Vibration isolation to minimize compressor noise
- Efficient high-capacity air conditioning and heat pump models
- High capacity output fan & motor design with 350 CFM blower
- High-impact polypropylene injection-molded shroud and base pan
- Robust and durable construction
- Pre-Installed Multizone CCC II Control Board



Figure 1: Dometic Blizzard NXT 15,000 BTU Rooftop Air Conditioner unit.

Comfort By Design

Sleek and Aerodynamic

Durable



High Capacity Fan

Minimized Noise

Figure 2: Key design features of the Dometic Blizzard NXT, highlighting its sleek, aerodynamic, and durable construction, along with its high-capacity fan and minimized noise operation.

Setup and Installation

The Dometic Blizzard NXT is designed for either ducted or non-ducted applications. A compatible inside ceiling assembly and/or thermostat are sold separately and are required for complete installation and operation.

Important Note: This unit does not include a mounting frame or specific mounting bolts. Your existing system may have a bracket, or new holes may need to be drilled to match the unit's bolt pattern. It is crucial to use appropriate 1/4-20 8-inch bolts for secure installation. Consult Dometic technical support or a professional installer for detailed guidance, as installation instructions are not included with the unit.

DIMENSIONS:

**BTU:
15K**

**WEIGHT:
92LBS**

**MULTI ZONE
WITH HEAT
PUMP**



Figure 3: Dimensions and key specifications of the Dometic Blizzard NXT unit, including BTU, weight, and physical measurements.

Operating Instructions

Once properly installed and connected to a compatible Dometic Multizone CCC II thermostat, operating your Blizzard NXT unit is straightforward. The unit requires a specific communicating thermostat for full functionality.

1. **Power On/Off:** Use the thermostat to turn the unit on or off.
2. **Mode Selection:** Select desired mode (Cool, Heat, Fan) via the thermostat.
3. **Temperature Adjustment:** Set the desired temperature using the thermostat controls.
4. **Fan Speed:** Adjust fan speed (Low, Medium, High, Auto) as needed for comfort.

Refer to your specific Dometic Multizone CCC II thermostat manual for detailed operating instructions, as controls may vary.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your Dometic Blizzard NXT unit.

- **Air Filter Cleaning:** The unit includes a dust filter. Periodically clean or replace the air filter located in the indoor ceiling assembly to maintain airflow and efficiency. Refer to your ceiling assembly manual for filter access.
- **Exterior Cleaning:** Keep the exterior shroud clean from debris, leaves, and dirt. Use a mild soap and water solution. Avoid high-pressure washers.
- **Coil Inspection:** Annually, have a qualified technician inspect the evaporator and condenser coils for cleanliness and damage.
- **Electrical Connections:** Periodically check all electrical connections for tightness and signs of corrosion. This should be done by a qualified technician.

Troubleshooting

This section addresses common issues you might encounter with your Dometic Blizzard NXT unit. For complex problems, always contact Dometic customer support or a certified technician.

Problem	Possible Cause	Solution
Unit does not turn on	No power, faulty thermostat, tripped breaker	Check RV power supply, reset circuit breaker, verify thermostat settings.
Insufficient cooling/heating	Dirty air filter, blocked airflow, low refrigerant, incorrect thermostat setting	Clean air filter, ensure vents are clear, check thermostat settings. For low refrigerant, contact a qualified technician.
Unusual noise during operation	Loose components, fan obstruction, compressor issue	Inspect for loose parts or obstructions. If noise persists, contact a technician.
Refrigerant line burst	Manufacturing defect, installation damage, wear and tear	This is a serious issue requiring professional repair. Contact Dometic customer support immediately for warranty claims and service. Do not attempt to repair yourself.

Specifications

Specification	Value
Model Number	H551916AXX1J0
Cooling Power	15,000 BTU
Capacity	1.25 Tons
Item Weight	92 pounds
Product Dimensions (L x W x H)	40 x 30 x 13.7 inches
Voltage	120 Volts
Wattage	4396 Watts
Air Flow Capacity	350 Cubic Feet Per Minute (CFM)

Specification	Value
Sound Level	52 dB
Special Feature	Dust Filter
Installation Method	Packaged

Warranty and Support

Your Dometic Blizzard NXT unit is covered by a Manufacture Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty documentation provided with your purchase or visit the official Dometic website.

Warranty Claims: In the event of a product defect or malfunction covered under warranty, contact Dometic customer support directly. Be prepared to provide your proof of purchase and the unit's model and serial numbers.

Customer Support: For technical assistance, troubleshooting guidance beyond this manual, or to locate authorized service centers, please visit the official Dometic website or contact their customer service department. You can find more information and contact details by visiting the [Dometic Store](#).

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