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› Dometic FreshJet 3 RV Air Conditioner 15,000 BTU User Manual

Dometic 9600028601

Dometic FreshJet 3 RV Air Conditioner User Manual

Model: 9600028601

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Dometic FreshJet 3 RV Air Conditioner. Please read this manual thoroughly before installation and use, and retain it for future reference. The Dometic FreshJet 3 is designed to provide cooling comfort in recreational vehicles.



Image 1.1: Dometic FreshJet 3 RV Air Conditioner unit.

2. SAFETY INFORMATION

Always observe safety precautions when installing, operating, or maintaining the air conditioner. Failure to do so may result in injury or damage to the product.

- Installation must be performed by a qualified technician to ensure proper electrical connections and sealing.
- Ensure the power supply to the RV is disconnected before any installation or maintenance work.
- Do not operate the unit if any parts are damaged or missing.
- Keep hands and objects clear of moving parts, such as the fan.
- 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 FEATURES

The Dometic FreshJet 3 RV Air Conditioner offers several design and performance enhancements:

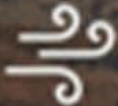
- **Enhanced Cooling Capacity:** Provides 13% higher cooling capacity compared to select rooftop air conditioners.
- **Reduced Noise:** Operates with 4 dB less noise than select rooftop air conditioners, contributing to a quieter indoor environment.
- **Increased Airflow:** Delivers 15% higher airflow for improved air circulation.

- **Lightweight Design:** Approximately 14% lighter than previous Dometic Brisk II air conditioner models, weighing 64 lbs (for 13,500 BTU) or 66 lbs (for 15,000 BTU).
- **Durable E-Coated Coils:** Evaporator e-coated coils provide longevity and improved cooling performance, requiring less refrigerant.
- **Backward Compatibility:** Designed to be compatible with existing Dometic and competitor air returns and electronic controls.
- **Aesthetic Design:** Features a new age design with hidden screws and no ventilation holes on the shroud for a clean appearance.
- **Sustainable Design:** Requires 28% less refrigerant than previous Dometic Brisk II air conditioners.



Image 3.1: Key features of the Dometic FreshJet 3.

QUIET, COOL COMFORT



MAXIMUM AIRFLOW

15% more even airflow compared to select rooftop ac's in the market today



INCREASED COOLING

13% higher cooling capacity than select ac's in the market today



LIGHTER WEIGHT

14% lighter than previous Brisk II AC



QUIET OPERATION

4 decibels quieter than select ac's in the market today



DURABLE DESIGN

Dometic is the only company in the RV industry using E-Coated Evaporated Coil design. E-Coat adhesion provides excellent coil coverage and corrosion resistance.



Image 3.2: Performance benefits of the Dometic FreshJet 3.

4. SPECIFICATIONS

Detailed specifications for the Dometic FreshJet 3 RV Air Conditioner (15,000 BTU model):

Specification	Value
Model Number	9600028601
Cooling Capacity	15,000 BTU
Capacity (Tons)	1.25 Tons
Product Dimensions (L x W x H)	29.6" x 27.6" x 13.8" (Unit) / 31.25" x 29.5" x 15.37" (Packaged)

Specification	Value
Item Weight	66 lbs (15,000 BTU) / 73 lbs (Packaged)
Noise Level	58.5 dB
Voltage	115V AC
Power Consumption	4399W (15,000 BTU)
Color	Black
Special Feature	Lightweight



Image 4.1: Dometic FreshJet 3 dimensions and key specifications.

5. INSTALLATION

Proper installation is crucial for the performance and longevity of your Dometic FreshJet 3 RV Air Conditioner. It is highly recommended that installation be performed by a certified RV technician.

5.1 Pre-Installation Checks

- Verify that your RV's roof structure can support the weight of the unit (66 lbs for 15,000 BTU model).
- Ensure the existing roof opening dimensions are compatible.
- Confirm electrical supply meets the unit's requirements (115V AC, 4399W for 15,000 BTU).
- Check compatibility with your existing Dometic or competitor air returns and electronic controls.

5.2 Installation Steps (Overview)

1. **Remove Old Unit:** If replacing an existing unit, carefully remove it and clean the sealing surface on the RV roof.
2. **Prepare Opening:** Ensure the roof opening is clean, dry, and properly sealed. Apply additional sealant if necessary, especially on older mating surfaces.
3. **Position New Unit:** Carefully lift and place the Dometic FreshJet 3 unit onto the roof opening.
4. **Connect Electrical:** Connect the unit to the RV's control box and electrical system. The unit is designed for plug-and-play compatibility with many existing systems.
5. **Secure Unit:** Bolt the unit securely to the RV roof according to the detailed instructions provided in the full installation guide (not included in this manual).
6. **Seal Duct Work:** Re-seal any internal duct work as needed to ensure efficient airflow.

The unit comes with a roof gasket. Installation typically takes approximately 2 hours for experienced installers.



Image 5.1: Dometic FreshJet 3 unit installed on an RV roof.

6. OPERATION

The Dometic FreshJet 3 RV Air Conditioner is typically controlled via an internal thermostat or control panel (sold separately or using existing compatible controls). Refer to your specific control unit's manual for detailed operating instructions.

6.1 Basic Operation

- **Power On/Off:** Use the designated power button on your control unit to turn the AC system on or off.
- **Mode Selection:** Select the desired operating mode (e.g., Cool, Fan Only, Auto).
- **Temperature Setting:** Adjust the thermostat to your desired temperature.
- **Fan Speed:** Choose the appropriate fan speed (e.g., Low, Medium, High, Auto).

For optimal cooling, ensure all windows and vents in the RV are closed when the air conditioner is running.

7. MAINTENANCE

Regular maintenance ensures efficient operation and extends the lifespan of your air conditioner.

7.1 Air Filter Cleaning

- Locate the air filters on your internal air distribution box.
- Remove the filters and clean them with mild soap and water.
- Allow filters to dry completely before re-installing.
- Clean filters regularly, especially during heavy use, to maintain airflow and cooling efficiency.

7.2 Exterior Unit Inspection

- Periodically inspect the rooftop unit for debris such as leaves, twigs, or dirt.
- Gently clear any obstructions from the condenser coils and fan area.
- Ensure the unit's shroud is intact and securely fastened.

Always disconnect power to the RV before performing any maintenance on the air conditioner.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your Dometic FreshJet 3 RV Air Conditioner.

Problem	Possible Cause	Solution
Unit not cooling effectively	Dirty air filters, blocked condenser coils, low refrigerant, RV not properly insulated.	Clean air filters. Clear debris from exterior coils. Ensure RV windows/vents are closed. For refrigerant issues, contact a qualified technician.
Fan hums but does not start	Obstruction in fan assembly (e.g., styrofoam binding on motor shaft), motor issue.	Disconnect power. Carefully inspect the fan area for obstructions. If an obstruction is found, gently remove it. If the issue persists, contact Dometic service.
Unit trips circuit breaker	Excessive current draw, faulty wiring, compressor issue, unit freezing up.	Ensure no other high-power appliances are running on the same circuit. Check for proper voltage supply. If the unit is freezing, ensure proper airflow and clean filters. If the problem continues, contact a qualified technician.
No power to the unit	Blown fuse, tripped breaker, loose electrical connection.	Check RV's main circuit breaker and any fuses. Verify all electrical connections are secure.

For issues not listed or if troubleshooting steps do not resolve the problem, contact Dometic customer support or a certified service center.

9. WARRANTY AND SUPPORT

Dometic provides customer support and warranty services for its products. For specific warranty terms and conditions, please refer to the warranty documentation included with your purchase or visit the official Dometic website.

9.1 Contacting Support

If you require technical assistance, have questions about your product, or need to initiate a warranty claim, please contact Dometic customer service. Contact information can typically be found on the Dometic website or in your product packaging.

When contacting support, please have your model number (9600028601) and purchase date available.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question