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› Dometic 3314998.000 Non-Ducted Heat Strip Kit User Manual

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Model: 3314998.000

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Dometic 3314998.000 Non-Ducted Heat Strip Kit. This kit is designed to provide supplemental electric heating for Dometic Brisk Air II and Penguin II non-ducted RV air conditioning units, offering a 5,600 BTU heat output. Please read this manual thoroughly before proceeding with installation or use.

2. SAFETY INFORMATION

Important Safety Instructions:

- Always disconnect all power sources to the RV air conditioning unit before attempting any installation, maintenance, or repair. Failure to do so can result in electric shock, injury, or death.
- Installation should be performed by a qualified service technician to ensure proper and safe operation.
- Ensure the heat strip kit is compatible with your specific Dometic Brisk Air II or Penguin II non-ducted model.
- Do not operate the unit if any parts are damaged or missing.
- Keep flammable materials away from the heat strip during operation.
- This heat strip is designed for supplemental heating and should not be used as the primary heating source in extremely cold conditions.

3. PRODUCT OVERVIEW

The Dometic 3314998.000 Heat Strip Kit is an accessory designed to integrate with specific Dometic RV air conditioning units to provide electric heating. It features a 5,600 BTU output, a safety limit switch, and a safety grille for reliable performance. This kit is specifically for non-ducted Brisk Air II and Penguin II models.

5. OPERATING INSTRUCTIONS

Once installed, the Dometic Heat Strip Kit operates in conjunction with your RV's air conditioning unit. The heat strip provides electric heat, which is typically controlled via the AC unit's thermostat or control panel.

- **Power On:** Ensure your RV is connected to shore power or a generator capable of supplying sufficient wattage for both the AC unit and the heat strip (approximately 17 amps for the heat strip).
- **Select Heat Mode:** On your AC unit's thermostat or control panel, select the "Heat" or "Electric Heat" mode. The fan will typically engage to circulate the warm air produced by the heat strip.
- **Adjust Temperature:** Set your desired temperature. The heat strip will activate to warm the air. Note that the air output may feel warm rather than hot, as it is designed for supplemental heating and to take the chill out of the air, not to replace a primary furnace.
- **Energy Consumption:** Be mindful of your power consumption, especially when operating other high-draw appliances simultaneously.

Note: The heat strip does not typically have its own independent thermostat control; it relies on the AC unit's existing controls.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your heat strip kit.

- **Power Disconnection:** Always disconnect power before performing any maintenance.
- **Visual Inspection:** Periodically inspect the heat strip and its wiring for any signs of damage, wear, or loose connections.
- **Cleanliness:** Ensure the area around the heat strip and within the AC unit is free from dust, debris, and obstructions to maintain proper airflow and prevent fire hazards. Use a soft brush or vacuum cleaner for cleaning.
- **Professional Check:** Consider having a qualified RV technician inspect your AC unit and heat strip annually, especially before the heating season.

7. TROUBLESHOOTING

If you experience issues with your Dometic Heat Strip Kit, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Heat strip not producing heat.	No power to the unit. Loose wiring connection. Faulty heat strip element.	Check RV circuit breakers and shore power connection. Ensure the heat strip is securely plugged into the AC unit. Contact a qualified technician for diagnosis and replacement.
Insufficient heat output.	Ambient temperature too low for supplemental heat. Airflow obstruction. Incorrect thermostat setting.	This unit provides supplemental heat; it may not be sufficient in very cold conditions. Consider using a primary furnace. Check for debris or obstructions in the AC unit's air passages. Ensure the thermostat is set to a temperature higher than the current ambient temperature.
Unusual noises or odors.	Debris in the fan. Overheating component. New unit "burn-off" smell.	Disconnect power and inspect for debris. Remove carefully. Immediately disconnect power and contact a qualified technician. A slight odor may occur during initial use; if it persists or is strong, disconnect power and seek professional help.

For issues not resolved by these steps, contact Dometic customer support or a certified RV technician.

8. SPECIFICATIONS

- **Model:** 3314998.000
- **Brand:** Dometic
- **Compatibility:** Dometic Brisk Air II and Penguin II Non-Ducted RV Air Conditioners
- **Heat Output:** 5,600 BTU
- **Item Weight:** Approximately 1.5 pounds
- **Product Dimensions:** Approximately 8.4"D x 6.4"W x 2.5"H
- **Power Source:** Corded Electric
- **Special Features:** Safety limit switch, safety grille

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your original purchase or visit the official Dometic website. For technical support, parts, or service inquiries, please contact Dometic customer service directly. Ensure you have your model number (3314998.000) and purchase details available when contacting support.

Dometic Contact Information:

Please refer to the Dometic official website for the most current contact details.

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