

Dometic 3314471.003

Dometic Penguin II Air Conditioner Shroud Instruction Manual

Model: 3314471.003

1. PRODUCT OVERVIEW

The Dometic Penguin II Air Conditioner Shroud (Model 3314471.003) is a replacement cover designed for specific Dometic Penguin II series RV air conditioners. This shroud features an aerodynamic, low-profile design intended to reduce wind drag. It serves to protect the internal components of the air conditioning unit from environmental elements.



Figure 1: Dometic Penguin II Air Conditioner Shroud. This image displays the Dometic Penguin II Air Conditioner Shroud, a black, aerodynamic cover designed to protect the outdoor unit of compatible Dometic RV air conditioners.

2. SETUP AND INSTALLATION

This section provides general guidelines for replacing an existing shroud. Professional installation is recommended if you are unfamiliar with RV electrical systems or working at heights.

2.1 Safety Precautions

- Ensure the RV's main power supply is disconnected before beginning any work on the air conditioning unit.
- Use appropriate safety gear, including gloves and eye protection.
- Exercise caution when working on the RV roof.

2.2 Compatibility

This shroud is compatible with Dometic Penguin II air conditioner and heat pump models, including but not limited to:

- 641816C
- 641815C
- 651816C
- 651815C
- 650015C
- 640315C
- 640312C
- 641915C
- 651935C
- 641835C
- 641916C

2.3 Installation Steps

1. **Remove Old Shroud:** Carefully unfasten and remove the existing air conditioner shroud. Note the location and type of fasteners used.
2. **Inspect Unit:** Before installing the new shroud, inspect the underlying air conditioning unit for any debris or damage. Clean as necessary.
3. **Position New Shroud:** Place the new Dometic Penguin II Shroud over the air conditioning unit, ensuring proper alignment with the mounting holes. The shroud measures approximately 7.5 inches high, 29 inches wide, and 42 inches long.
4. **Secure Shroud:** Fasten the new shroud using appropriate screws. **Note:** Mounting screws are typically not included with the replacement shroud and may need to be purchased separately. Ensure fasteners are securely tightened to prevent detachment during travel.
5. **Verify Fit:** After installation, gently check the shroud for a secure fit and ensure no components are obstructed.

3. OPERATING INSTRUCTIONS

The Dometic Penguin II Air Conditioner Shroud is a passive component and does not require specific operating instructions. Its function is to protect the air conditioning unit. Ensure it remains securely attached and free from obstructions.

4. MAINTENANCE

Regular maintenance helps prolong the life of your shroud and ensures continued protection for your air conditioner.

- **Cleaning:** Periodically clean the shroud with mild soap and water. Avoid abrasive cleaners or solvents that

could damage the material.

- **Inspection:** Regularly inspect the shroud for cracks, damage, or loose fasteners, especially after long trips or exposure to harsh weather. Address any issues promptly to prevent further damage or detachment.

5. TROUBLESHOOTING

Most issues related to the shroud are physical in nature.

- **Loose Shroud:** If the shroud feels loose, check all mounting screws and tighten them as necessary. If screws are stripped, replace them with appropriate fasteners.
- **Cracks or Damage:** Small cracks may be repaired with suitable plastic repair kits. For significant damage, replacement of the shroud is recommended to ensure proper protection.
- **Missing Fasteners:** If fasteners are missing, replace them immediately to prevent the shroud from detaching during travel.

6. SPECIFICATIONS

Feature	Detail
Brand	Dometic
Model Number	3314471.003
Item Weight	2 pounds
Product Dimensions (L x W x H)	41.38 x 29.25 x 7.35 inches
Color	Black
Material	Quality materials (as per product description)
Compatibility	Dometic Penguin II A/C and heat pump models (e.g., 641816C, 651816C)

7. WARRANTY INFORMATION

The Dometic Penguin II Air Conditioner Shroud typically comes with a limited warranty. For specific details regarding warranty coverage, duration, and claims procedures, please refer to the official Dometic warranty documentation provided with your purchase or visit the official Dometic website.

8. CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Dometic customer service or visit their official website:

- **Dometic Official Website:** www.dometic.com
- Refer to your product packaging or Dometic's website for regional contact information.

ASK A QUESTION ABOUT THIS MANUAL

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