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› BigKing 8-inch Round Porthole for RVs, Boats, and Yachts - Installation and Care Manual

BigKing 8-inch Round Porthole

BigKing 8-inch Round Porthole User Manual

For RVs, Boats, and Yachts

Introduction	Features	Specifications	Safety	Installation & Support	Operation	Maintenance	Troubleshooting	Warranty
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1. INTRODUCTION

Thank you for choosing the BigKing 8-inch Round Porthole. This porthole is designed for universal application in RVs, boats, and yachts, providing light and ventilation while maintaining a secure seal. Constructed with durable materials, it offers reliability and ease of use for various marine and recreational vehicle environments. This manual provides essential information for proper installation, operation, and maintenance to ensure long-lasting performance.



Image: The BigKing 8-inch Round Porthole shown in the foreground with an RV in a scenic outdoor setting, illustrating its intended application.

2. PRODUCT FEATURES

The BigKing 8-inch Round Porthole is engineered with several key features to ensure durability, functionality, and ease of installation:

- **Durable Tempered Glass:** Equipped with 4mm (0.2 inch) thick tempered glass, providing robustness and resistance to damage.
- **High-Quality ABS Material:** Manufactured from premium Acrylonitrile Butadiene Styrene (ABS) material, which is anti-aging and resistant to ultraviolet (UV) radiation, ensuring longevity in harsh environments.
- **Easy Installation:** Features reserved mounting holes for straightforward installation. Please note that mounting screws are not included.
- **Strong Sealing:** Incorporates durable rubber ring seals to provide a tight, waterproof closure, preventing leaks.
- **Corrosion-Resistant Hardware:** Accessories are made from 316 stainless steel, which is cast and polished for superior corrosion resistance, ideal for marine applications.



0.2in thick tempered glass, not easy to damage.
Made of high-quality ABS material, anti-aging and anti-ultraviolet.
Reserved mounting holes, easy to install.
Contains durable rubber ring seals, strong sealing.



Image: The BigKing 8-inch Round Porthole shown installed on the side of a boat, highlighting its robust construction and integration.



Image: A detailed close-up of the porthole's hinge mechanism, demonstrating its sturdy construction and smooth operation.

3. SPECIFICATIONS

Refer to the following specifications for detailed product information:

Attribute	Detail
Material	Acrylonitrile Butadiene Styrene (ABS)
Glass Type	Tempered Glass
Glass Thickness	4 mm (0.2 inches)
Color	Black
Orientation	Front and Interior
Outer Diameter	215 mm (8.5 inches)

Attribute	Detail
Inner Opening Diameter	147 mm (5.8 inches)
Overall Height	90 mm (3.5 inches)
Hardware Material	316 Stainless Steel

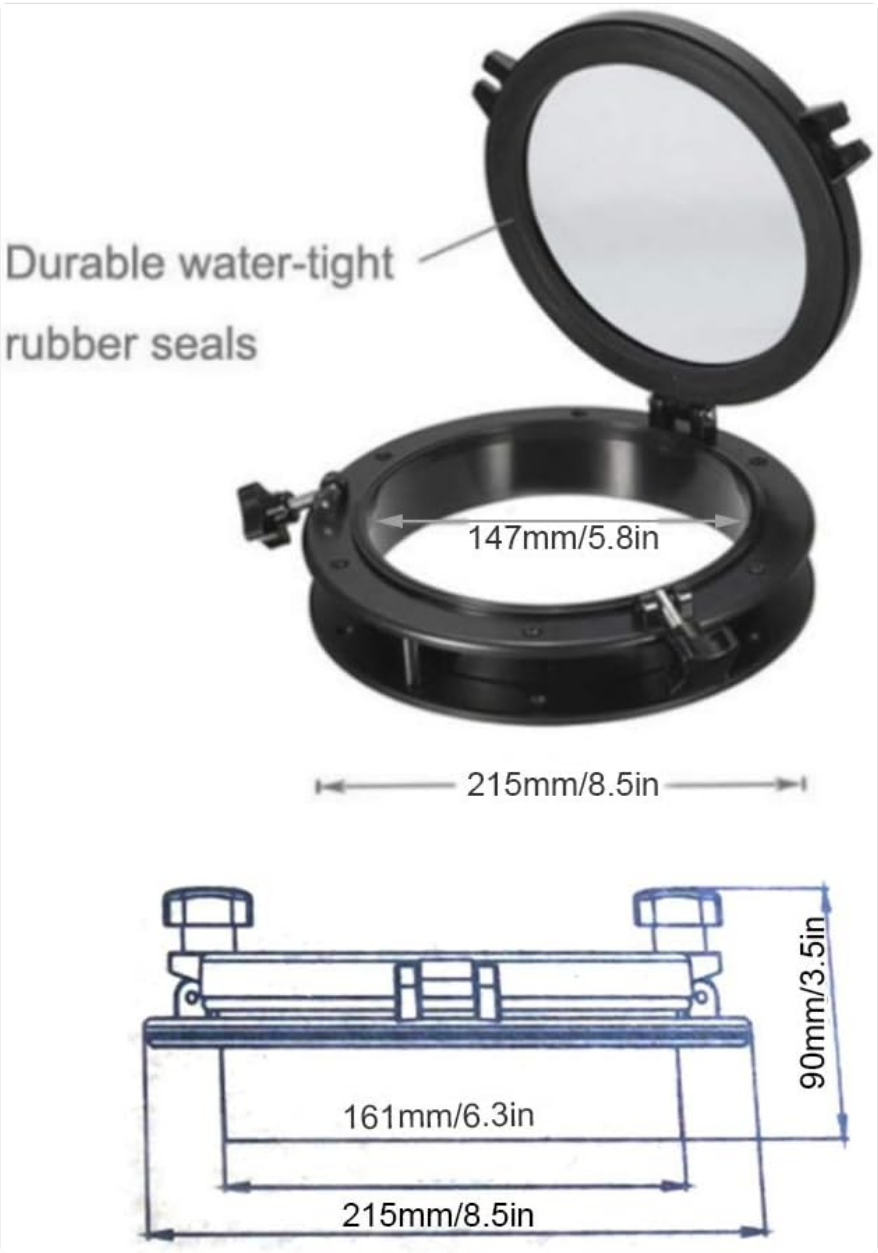


Image: A technical diagram illustrating the key dimensions of the porthole, including outer diameter, inner opening, and overall height.

4. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the porthole. Failure to follow these instructions may result in property damage or injury.

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves during installation.
- Ensure the installation surface is structurally sound and capable of supporting the porthole.
- Use only appropriate tools for installation.
- Do not overtighten fasteners, as this may damage the porthole frame or the mounting surface.
- Verify that the porthole is securely sealed after installation to prevent water ingress.
- Keep hands and fingers clear of hinges and latches when opening or closing the porthole.

- If you are unsure about any part of the installation process, consult a qualified professional.

5. INSTALLATION (SETUP)

The BigKing 8-inch Round Porthole is designed for easy installation. Follow these general steps for proper setup:

1. **Choose Location:** Select a suitable location on your RV, boat, or yacht that provides adequate clearance for opening and closing the porthole, and where the structure can support it.
2. **Prepare Opening:** Carefully mark the desired opening size (inner opening diameter of 147mm / 5.8 inches) and the positions for the mounting holes. Ensure the opening is clean and free of debris.
3. **Drill Holes:** Drill pilot holes for the mounting screws. The porthole has reserved mounting holes, but screws are not included. Use appropriate marine-grade or RV-grade fasteners suitable for your vessel's material.
4. **Apply Sealant:** Apply a marine-grade or RV-grade sealant around the perimeter of the opening and on the back of the porthole frame to ensure a watertight seal.
5. **Position Porthole:** Carefully place the porthole into the prepared opening, aligning the mounting holes.
6. **Secure Porthole:** Insert and hand-tighten the mounting screws. Gradually tighten all screws evenly to compress the sealant and create a secure, watertight fit. Avoid overtightening.
7. **Clean Excess Sealant:** Wipe away any excess sealant immediately after installation.

Note: For optimal results and safety, professional installation is recommended if you are unfamiliar with marine or RV accessory installation.



Image: The porthole as seen from the interior, displaying the inner ring and the locations for mounting screws, crucial for installation.

6. OPERATION

Operating the BigKing 8-inch Round Porthole is straightforward:

- **Opening:** To open the porthole, loosen the two knob fasteners by turning them counter-clockwise. Once loosened, gently push the porthole window outwards.
- **Closing:** To close the porthole, pull the window inwards until it sits flush against the frame. Then, tighten the two knob fasteners by turning them clockwise until they are snug. Do not overtighten, as this can damage the seals or frame.
- **Securing:** Ensure both knob fasteners are securely tightened when the porthole is closed, especially before moving your RV or boat, or during adverse weather conditions, to maintain a watertight seal.



Image: The porthole shown in an open position, clearly displaying the hinge mechanism and the two knob fasteners used for securing it.



Image: A close-up view of one of the porthole's knob fasteners, illustrating its design for easy grip and secure tightening.

Through the cabin window

Can be clearly seen

Beautiful scenery outside the window

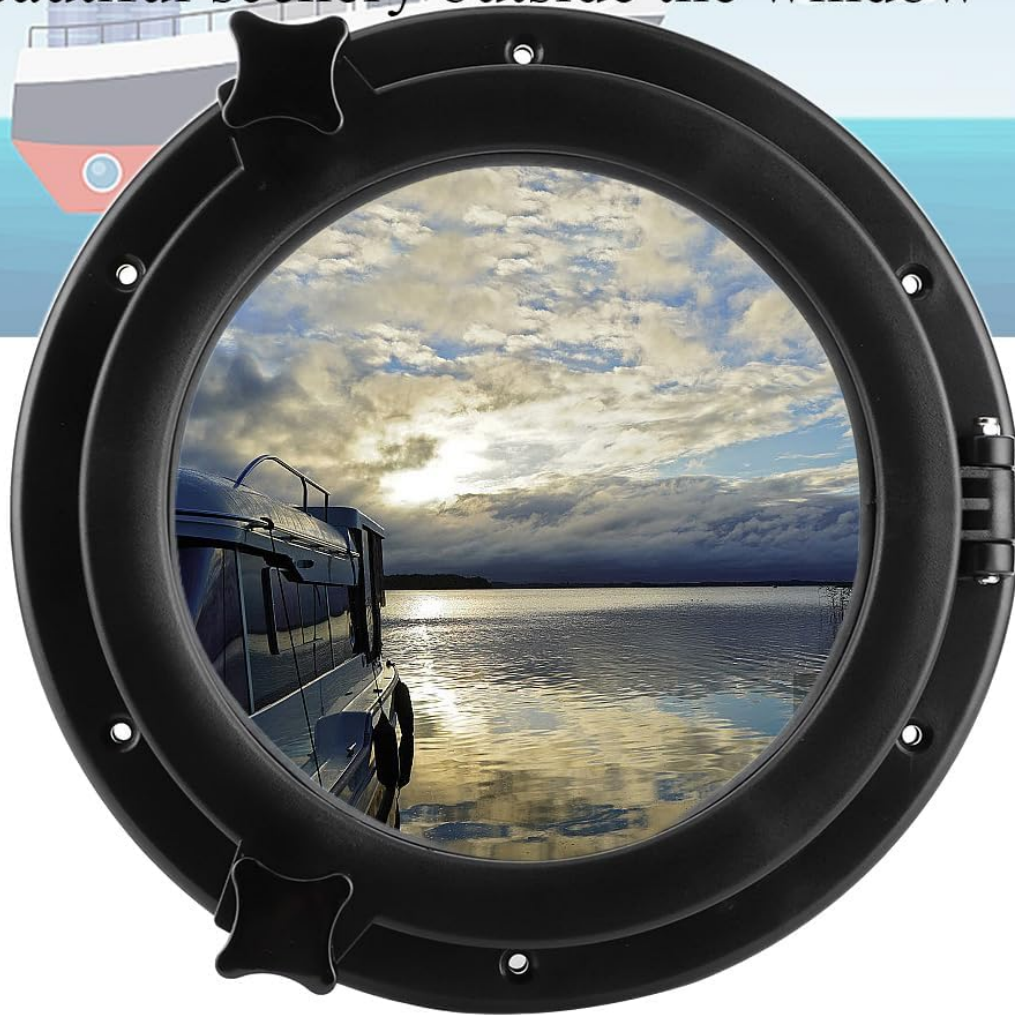


Image: A view from inside a cabin looking out through the porthole, showcasing the clear tempered glass and the scenery outside.

7. MAINTENANCE

Regular maintenance will help prolong the life and performance of your BigKing Porthole:

- **Cleaning:** Clean the glass and frame regularly with mild soap and water. Avoid abrasive cleaners or solvents that could damage the ABS material or rubber seals.
- **Seal Inspection:** Periodically inspect the rubber ring seals for any signs of wear, cracking, or degradation. Damaged seals should be replaced to maintain watertight integrity.
- **Hardware Check:** Check the stainless steel hinges and knob fasteners for any signs of corrosion or looseness. Lubricate hinges with a marine-grade lubricant if they become stiff.
- **Fastener Tightness:** Occasionally check the tightness of the mounting screws. Retighten if necessary, but do not overtighten.

8. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Water Leakage	Damaged or worn seals, improper installation, loose fasteners.	Inspect and replace seals if necessary. Check mounting screws for tightness. Reapply sealant if installation was faulty.
Difficulty Opening/Closing	Stiff hinges, debris in mechanism, overtightened fasteners.	Clean hinges and lubricate with marine-grade lubricant. Ensure fasteners are not overtightened. Check for obstructions.
Porthole feels loose	Loose mounting screws.	Carefully tighten all mounting screws evenly. Do not overtighten.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your BigKing 8-inch Round Porthole, please refer to the purchase documentation or contact the seller directly. Keep your proof of purchase for any warranty claims.

When contacting support, please be prepared to provide the product name (BigKing 8-inch Round Porthole) and details of the issue you are experiencing.

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details.](#)

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