

## Vetus 185041\_1

# VETUS Planus Deck Hatch 230 x 230mm

## Instruction Manual

### PRODUCT OVERVIEW

The VETUS Planus Deck Hatch is designed for emergency exit and ventilation on marine vessels. It features a robust anodized aluminum frame and a durable 10 mm thick 'smoked' acrylic panel. The hatch is engineered for reliability and ease of use, incorporating a special friction hinge that allows it to remain open at any angle up to 180 degrees.

VETUS ensures high quality by hand-polishing aluminum profiles before anodizing, which enhances aesthetics and prevents accumulation of salt or grease. The design also includes user-friendly opening handles and an internal locking mechanism for security.

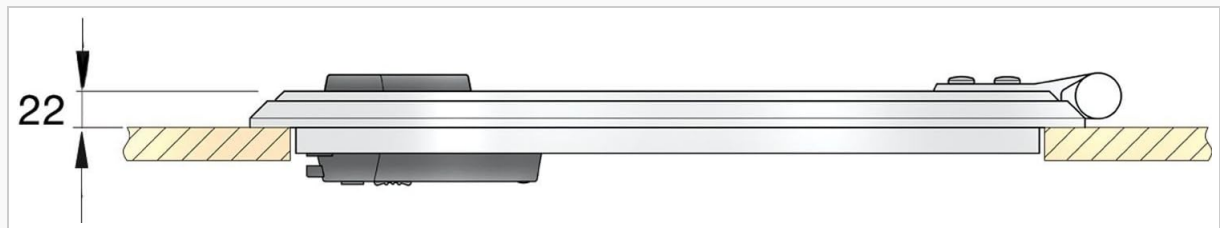


Figure 1: VETUS Planus Deck Hatch, showing its sleek, low-profile design when closed.

### SETUP AND INSTALLATION

Proper installation is crucial for the performance and watertight integrity of your VETUS Planus Deck Hatch. It is recommended that installation be performed by a qualified marine technician.

#### Pre-Installation Checklist:

- Verify the hatch dimensions (230 x 230mm) match the intended opening.
- Ensure the mounting surface is flat, clean, and structurally sound.
- Gather necessary tools: drill, sealant (marine grade), fasteners (stainless steel, appropriate length for deck thickness), measuring tape, pencil.

#### Installation Steps:

1. **Prepare Opening:** Carefully cut the deck opening to the exact dimensions required for the hatch frame. Ensure edges are smooth and free of debris.
2. **Dry Fit:** Place the hatch into the opening to confirm fit. Mark the positions for mounting holes.
3. **Drill Holes:** Drill pilot holes for the fasteners at the marked locations.

4. **Apply Sealant:** Apply a generous bead of marine-grade sealant around the perimeter of the deck opening and on the underside of the hatch frame where it will contact the deck.
5. **Secure Hatch:** Carefully place the hatch into the opening and secure it with the appropriate fasteners. Tighten fasteners evenly to ensure a consistent seal, but do not overtighten.
6. **Clean Excess Sealant:** Wipe away any excess sealant immediately after installation.

*Note: The hatch is designed with a low external profile to prevent snagging of rigging lines. Ensure no obstructions are present around the installed hatch.*

## OPERATING INSTRUCTIONS

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The VETUS Planus Deck Hatch offers versatile operation for ventilation and security.

### Opening and Closing:

- **From Inside or Outside:** The hatch can be opened and closed using the handles located on the frame.
- **Friction Hinge:** The special friction hinge allows the hatch to be held open at any desired angle up to 180 degrees. Simply lift the hatch to the desired position, and it will remain there.

### Ventilation and Watertight Closure:

- **Watertight Closure:** To achieve a completely watertight seal, ensure the hatch is fully closed and the handles are securely latched.
- **Permanent Ventilation:** For continuous airflow, the hatch can be fixed with a small air gap. Close the hatch until it is almost sealed, but leave a slight opening. The internal locking mechanism can still be engaged in this position.

### Security Mechanism:

- An internal locking mechanism is integrated to prevent the hatch from being opened from the outside when the boat is unattended.
- This locking feature functions in both the fully closed and the ventilation positions. Engage the internal lock by following the instructions provided on the hatch mechanism itself.

## MAINTENANCE

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Regular maintenance will ensure the longevity and optimal performance of your VETUS Planus Deck Hatch.

### Cleaning:

- **Frame:** Clean the anodized aluminum frame regularly with fresh water and a mild, non-abrasive cleaner. VETUS hand-polishes the aluminum to prevent salt and grease accumulation, but regular cleaning is still recommended.
- **Acrylic Panel:** Use a soft cloth and a non-abrasive plastic cleaner specifically designed for acrylics. Avoid harsh chemicals or abrasive materials that can scratch the panel.
- **Seals:** Inspect the rubber seals around the hatch for cracks, wear, or debris. Clean them with fresh water and a soft cloth. Applying a silicone-based lubricant designed for rubber seals can help maintain their flexibility and watertight integrity.

### Hinge and Locking Mechanism:

- Periodically check the friction hinge for smooth operation. If it becomes stiff, apply a small amount of

marine-grade lubricant to the pivot points.

- Ensure the internal locking mechanism operates freely. Clean any dirt or salt buildup that might impede its function.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your VETUS Planus Deck Hatch.

Problem	Possible Cause	Solution
Hatch leaks water	Damaged or dirty seal; improper installation; loose fasteners.	Clean or replace seal. Check installation for proper sealant application. Tighten fasteners evenly.
Hatch difficult to open/close	Stiff friction hinge; dirt/salt buildup in mechanism.	Lubricate hinge pivot points. Clean mechanism thoroughly.
Internal lock not engaging	Obstruction; mechanism dirty or damaged.	Inspect for debris. Clean and lubricate the locking mechanism. If damaged, contact VETUS support.

If the problem persists after attempting these solutions, please contact VETUS customer support or a qualified marine technician.

## SPECIFICATIONS

Feature	Detail
Brand	VETUS
Model Name	Planus Deck Hatch
Model Number	185041_1
ASIN	B074XG6MM1
Dimensions (Nominal)	230 x 230mm
Frame Material	Anodized Aluminum (hand-polished)
Panel Material	10 mm 'Smoked' Acrylic
Hinge Type	Special Friction Hinge (opens up to 180 degrees)
Security Feature	Internal Locking Mechanism
Corner Radius	75 mm

## WARRANTY AND SUPPORT

For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official VETUS website. Warranty coverage typically includes defects in materials and workmanship under normal use.

For technical support, spare parts, or service inquiries, please contact your authorized VETUS dealer or

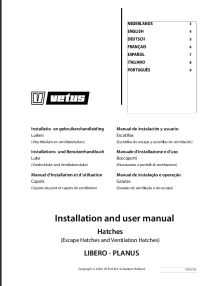
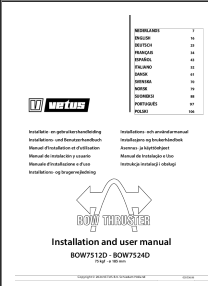
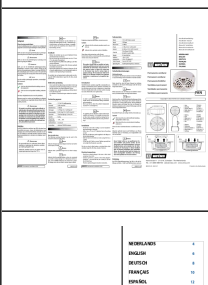
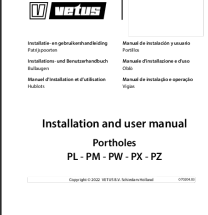
VETUS customer service directly. Contact information can usually be found on the VETUS official website or in your product packaging.

*Always provide your product model number (185041\_1) and ASIN (B074XG6MM1) when contacting support for faster assistance.*

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This manual is for informational purposes only. VETUS reserves the right to make changes to specifications and designs without prior notice.

## Related Documents

	<p><a href="#">Vetus Libero and Planus Hatches: Installation and User Manual</a></p> <p>Comprehensive guide for installing and using Vetus Libero and Planus hatches, covering safety, fitting, operation, maintenance, and technical specifications.</p>
	<p><a href="#">Vetus BOW7512D - BOW7524D Installation and User Manual</a></p> <p>Comprehensive installation and user manual for Vetus BOW7512D and BOW7524D bow thrusters, covering safety, installation, electrical setup, operation, and troubleshooting.</p>
	<p><a href="#">VETUS FAN Permanent Ventilator: Installation Manual &amp; Technical Data</a></p> <p>Comprehensive installation guide and technical specifications for the VETUS FAN permanent ventilator, covering safety precautions, electrical connections, mounting, and performance data for marine applications.</p>
	<p><a href="#">VETUS Portholes Installation and User Manual (PL, PM, PW, PX, PZ)</a></p> <p>Comprehensive guide for VETUS Portholes (PL, PM, PW, PX, PZ) covering installation, operation, maintenance, safety, and technical specifications.</p>