

## SOLRIG 1-Lite Frosted Folding Door (36"x80" Opening)

# SOLRIG 180 Degree Bifold Door Instruction Manual

Model: 1-Lite Frosted Folding Door (36"x80" Opening)

## 1. INTRODUCTION

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Thank you for choosing the SOLRIG 180 Degree Bifold Door. This manual provides detailed instructions for the installation, operation, and maintenance of your new bifold door system. Please read this manual thoroughly before beginning installation to ensure proper setup and long-lasting performance. This innovative door system is designed to maximize space and provide full access to your openings, folding neatly to the side.

## 2. PRODUCT FEATURES

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- **180° Unique Design:** Optimizes space and enhances functionality by folding neatly to the side, providing full access to the opening.
- **Durable Construction:** Door panels are made from high-quality MDF, and hardware from premium 304 stainless steel for exceptional durability and aesthetic appeal.
- **Standard Sizes:** Designed for 36"x 80" finished openings, with individual door panels measuring 17.72"x2 x 80".
- **Versatile Application:** Ideal for closet doors, room dividers, or interior partitions, offering flexible and elegant solutions.
- **Simplified Installation:** Includes a comprehensive bifold door hardware set to streamline the installation process.

## 3. PACKAGE CONTENTS

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Before beginning installation, verify that all components are present and undamaged. If any parts are missing or damaged, please contact SOLRIG customer support immediately.

- Bifold Door Panels (1-Lite Frosted)

- Premium 304 Stainless Steel Hinges
- Magnetic Latch System
- Wood Doorstop
- All necessary mounting screws and fasteners

## Tight and Aesthetic Hinge Connections



Figure 3.1: Included hardware set for the 180 Degree Bifold Door. This image displays all the components required for installation, including various hinges, a magnetic latch, and an assortment of screws.

### 4. SETUP AND INSTALLATION

Follow these steps for a straightforward installation process. It is recommended to have a second person assist during certain stages.

1. **Install Center Hinge:** Attach the center hinges to the two door panels, ensuring they are aligned correctly for smooth folding.
2. **Install Door Hinges:** Secure the remaining door hinges to the door panels and the door frame according to the provided template.
3. **Install Wood Doorstop:** Position and install the wood doorstop along the top of the door frame.

4. **Install the Door:** Carefully lift and secure the assembled door into the frame, attaching it to the installed hinges and ensuring proper alignment.
5. **Finish:** Test the door's operation, ensuring it opens and closes smoothly and the magnetic latch engages correctly.



Figure 4.1: Visual guide for the installation process, illustrating the sequence of attaching hinges, the wood doorstop, and the final door assembly.



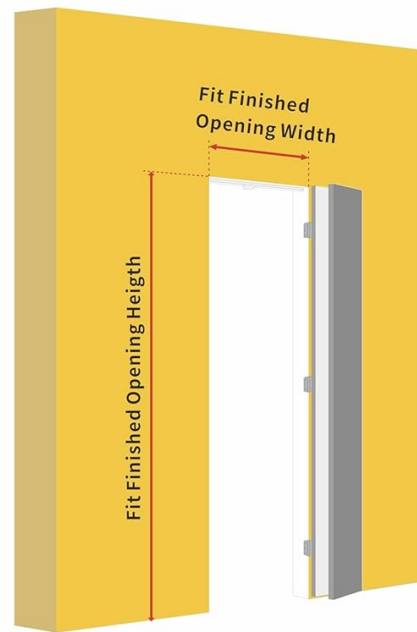
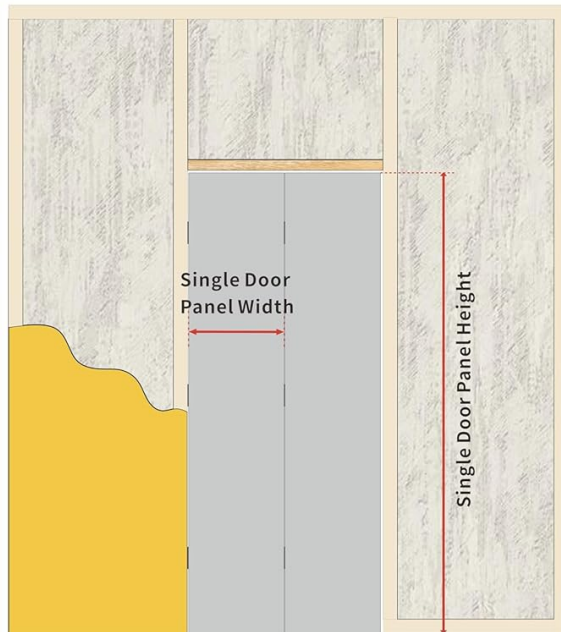
Figure 4.2: Compack 180° Bifold Door Size Guide. This diagram provides detailed measurements for single door panel width, height, and corresponding finished opening dimensions to ensure proper fit.

## 5. OPERATING INSTRUCTIONS

The SOLRIG 180 Degree Bifold Door is designed for smooth and efficient operation, maximizing your space.

- **Opening the Door:** Gently pull the door handle to disengage the magnetic latch. The door panels will begin to fold inward as you continue to open, allowing them to pivot and rest flat against the adjacent wall or frame at a 180-degree angle.
- **Closing the Door:** Push the door panels back into the opening. As they approach the closed position, the magnetic latch will engage, securely holding the door shut.
- **Magnetic System:** The integrated magnetic system ensures the door remains securely closed when not in use, preventing accidental opening.

### COMPACT 180° BIFOLD DOOR SIZE GUIDE



Size Options	Single Door Panel Width	Single Door Panel Height	Fit Finished Opening Width	Fit Finished Opening Height
24" x 80"	11.72"	80"	24"	80"
30" x 80"	14.72"	80"	30"	80"
36" x 80"	17.72"	80"	36"	80"

**Note: Please measure the rough opening of your door accurately before purchasing to ensure a proper fit.**

Figure 5.1: Compact 180° Folding Door operation. This diagram shows the door's movement from a closed position through 45°, 90°, and fully open 180° positions, demonstrating its space-optimizing design.

# Magnetic System

Keep your Door closed safely and securely



Figure 5.2: Magnetic System. This image highlights the magnetic latch mechanism designed to keep your door safely and securely closed.

## 6. MAINTENANCE

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Regular maintenance will ensure the longevity and smooth operation of your SOLRIG bifold door.

- **Cleaning:** Wipe door panels with a soft, damp cloth and mild detergent. Avoid abrasive cleaners or solvents that could damage the finish. For frosted glass, use a glass cleaner.
- **Hinges:** Periodically check hinges for tightness. If any screws are loose, tighten them carefully. Lubricate hinges annually with a silicone-based spray to ensure smooth, squeak-free operation.
- **Magnetic Latch:** Ensure the magnetic latch and strike plate are clean and free of debris to maintain strong engagement.
- **General Inspection:** Routinely inspect the door for any signs of wear, damage, or misalignment. Address any issues promptly to prevent further problems.

# 180° Bifold Door Hardware Set

simplify the installation process

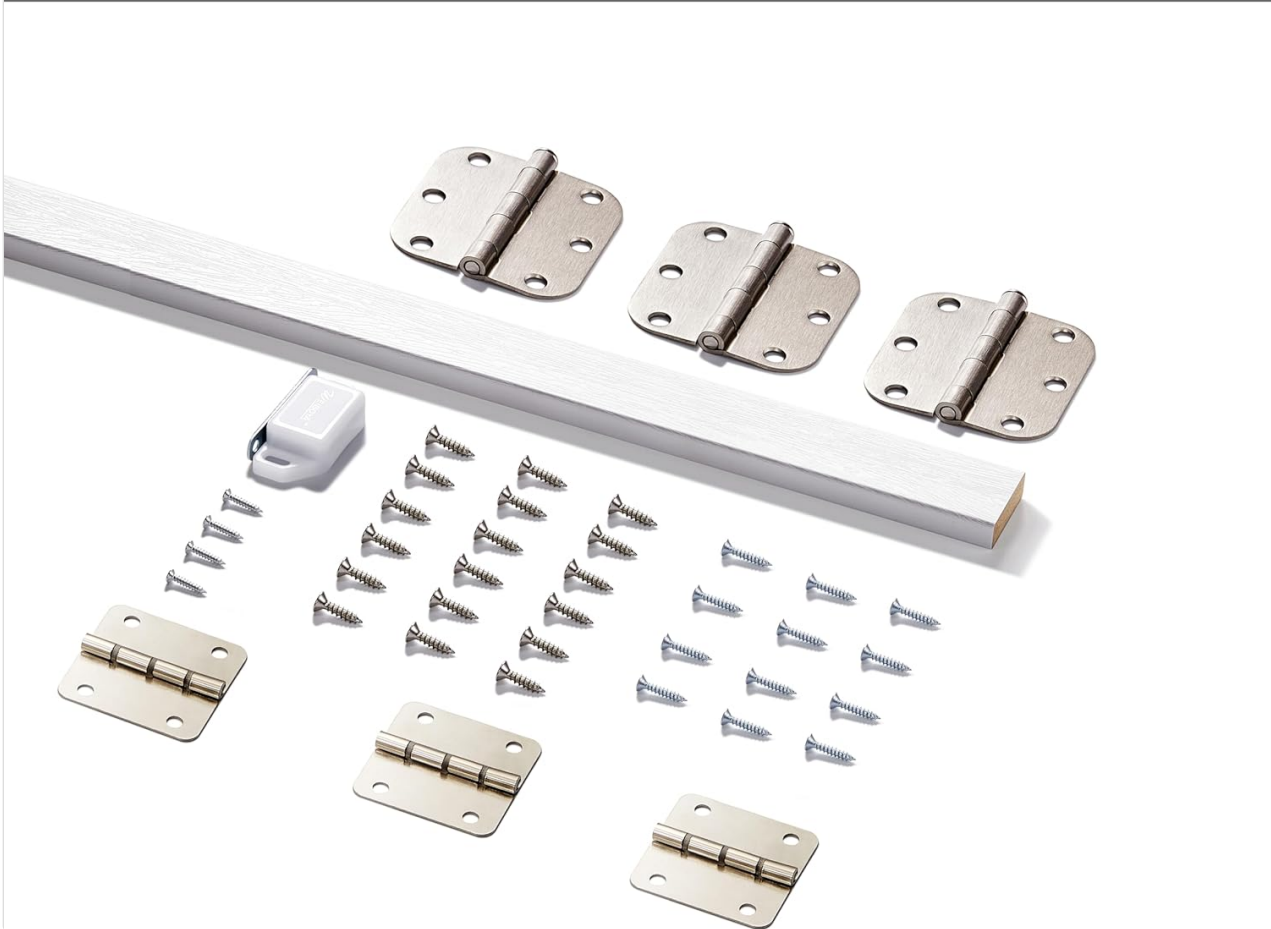


Figure 6.1: Tight and Aesthetic Hinge Connections. This image emphasizes the quality of the hinges, designed to be anti-rust, open and close smoothly, and operate without squeaking.

## 7. TROUBLESHOOTING

If you encounter any issues with your bifold door, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Door does not close completely or latch securely.	Misaligned magnetic latch or strike plate; debris on latch.	Adjust the position of the magnetic latch and strike plate. Clean any debris from the latch components.
Door panels sag or rub against the frame.	Loose hinge screws; improper installation.	Tighten all hinge screws. Re-check installation steps, especially hinge alignment.
Squeaking noise during operation.	Dry or unlubricated hinges.	Apply a silicone-based lubricant to all hinge pivot points.
Door feels stiff or difficult to open/close.	Hinges are dirty or require lubrication; misalignment.	Clean and lubricate hinges. Verify door is properly aligned within the opening.

Problem	Possible Cause	Solution
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If the problem persists after attempting these solutions, please contact SOLRIG customer support for further assistance.

## 8. SPECIFICATIONS

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- **Brand:** SOLRIG
- **Model:** 1-Lite Frosted Folding Door
- **Color:** White
- **Material:** Engineered Wood (MDF)
- **Style:** Classic
- **Product Dimensions:** 0.83 x 36 x 80 inches (Door Panel Width: 17.72"x2; Door Panel Height: 80")
- **Fit Finished Opening:** Width: 36"; Height: 80"
- **Item Weight:** 59 pounds
- **Assembly Required:** Yes

## 9. WARRANTY AND SUPPORT

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SOLRIG is committed to providing high-quality products and excellent customer service. Your satisfaction is our priority.

- **Reliable Service:** Our SOLRIG team is available to assist with any inquiries or issues related to installation, maintenance, or damage, ensuring a smooth and enjoyable experience with your purchase.
- **Returns & Exchanges:** We offer hassle-free returns and exchanges. Please refer to your purchase documentation for specific return policy details.

For customer support, please contact us through the platform where you purchased the product or visit the official SOLRIG brand store.

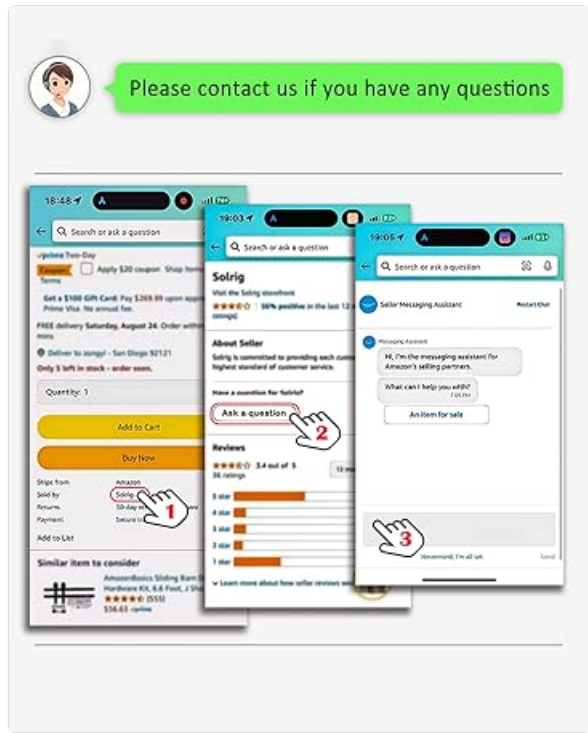


Figure 9.1: How to contact customer support if you have any questions or require assistance.