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› LARSON 80 Split Fullview Storm Door Instruction Manual

Larson 14614032

LARSON 80 Split Fullview Storm Door Instruction Manual

Model: 14614032

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your LARSON 80 Split Fullview Storm Door. Please read this manual thoroughly before beginning installation or operation to ensure proper function and safety. This storm door features EasyVent technology, a retractable screen, and a full-view glass design for enhanced natural light and ventilation.

SAFETY INFORMATION

Always prioritize safety during installation and use. Failure to follow these safety guidelines may result in injury or damage to the product.

- Wear appropriate personal protective equipment, including safety glasses and gloves, during installation.
- Ensure the work area is clear of obstructions and well-lit.
- Handle glass panels with care. The door features tempered safety glass, but it can still break if mishandled.
- Use proper lifting techniques when moving the door to prevent back injury. It is recommended to have at least two people for lifting and positioning the door.
- Keep children and pets away from the installation area.
- Do not modify the door or its components, as this may compromise its structural integrity and void the warranty.

PACKAGE CONTENTS

Verify that all components are present before beginning installation. If any parts are missing or damaged, contact customer support immediately.

- LARSON 80 Split Fullview Storm Door frame and glass panels
- Retractable screen assembly
- Installation hardware kit (screws, hinges, handles, closer)
- Instruction manual

SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your storm door. While the installation process is designed to be straightforward, professional installation is recommended for optimal results.

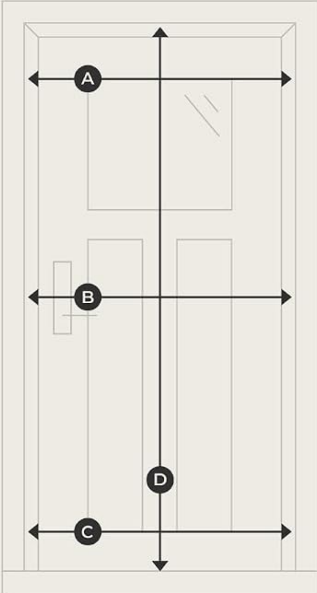
1. Measuring Your Door Opening

Accurate measurements are essential to ensure the storm door fits correctly. Refer to the measurement guide below.



HOW TO MEASURE FOR A STORM DOOR

Measure the opening width (horizontally). Take three measurements, one across the top (A), middle (B) and bottom (C) of the door. Record the narrowest dimension. Measure the vertical opening height (D).





1" x 1" Deep Mounting Surface is Required



Universal Hinging

YOUR WIDTH MEASUREMENT	YOUR HEIGHT MEASUREMENT	DOOR SIZE YOU NEED
29 7/8" - 30 3/8"	80" - 81"	30" x 80"-81"
31 7/8" - 32 3/8"		32" x 80"-81"
33 7/8" - 34 3/8"		34" x 80"-81"
35 7/8" - 36 3/8"		36" x 80"-81"
31 7/8" - 32 3/8"	74 1/2" - 75 1/2"	32" x 74 1/2" - 75 1/2"
29 7/8" - 30 3/8"		30" x 74 1/2" - 75 1/2"
31 7/8" - 32 3/8"	95 1/2" - 96 1/2"	32" x 95 1/2" - 96 1/2"
35 7/8" - 36 3/8"		36" x 95 1/2" - 96 1/2"

Image: Diagram illustrating the correct method for measuring a door opening, including horizontal (top, middle, bottom) and vertical dimensions, and the requirement for a 1" x 1" deep mounting surface.

1. Measure the opening width horizontally at three points: top (A), middle (B), and bottom (C). Record the narrowest dimension.
2. Measure the vertical opening height (D).
3. Ensure a 1" x 1" deep mounting surface is available around the door frame.
4. Consult the provided size chart to determine the appropriate storm door size based on your measurements.

2. General Installation Steps

These are general steps. Always refer to the detailed instructions included in your hardware kit for specific model

requirements.

1. **Prepare the Opening:** Clean the door frame and ensure it is plumb, level, and square. Remove any old weatherstripping or hardware that might interfere with the new door.
2. **Install Hinge Rail:** Attach the hinge rail to the door frame using the provided screws, ensuring it is level and plumb.
3. **Hang the Door:** Carefully lift the storm door and attach it to the hinge rail. Adjust as necessary to ensure smooth operation and proper alignment.
4. **Install Latch Rail:** Attach the latch rail to the opposite side of the door frame, ensuring it aligns with the door and allows for proper latching.
5. **Install Hardware:** Attach the door handle, closer, and any other accessories according to the instructions. Adjust the door closer for desired closing speed.
6. **Weather-Resistant Seal:** Ensure all weatherstripping is properly seated to create a tight seal, keeping out drafts, moisture, and insects.



Image: A white LARSON 80 Split Fullview Storm Door with a full-view glass panel and a white handle, installed on a light-colored house with decorative outdoor lighting and a potted plant.

OPERATING INSTRUCTIONS

Your LARSON 80 Split Fullview Storm Door is designed for ease of use and versatile ventilation.

EasyVent Technology and Retractable Screen Away

The EasyVent system allows you to quickly switch between the full-view glass and the retractable screen for customized

airflow.

- **To Engage Screen:** Locate the screen release mechanism (typically a small lever or button) on the side of the door. Activate the mechanism and gently slide the glass panel upwards or downwards to reveal the retractable screen.
- **To Engage Glass:** To return to the full-view glass setting, activate the screen release mechanism again and slide the glass panel back into its closed position until it locks securely.
- **Adjusting Airflow:** The screen can be partially or fully engaged to control the amount of fresh air entering your home.

Door Handle Operation

The door handle operates like a standard exterior door handle. Depress the thumb latch or turn the knob to open the door. Ensure the door latches securely when closed.

MAINTENANCE

Regular maintenance will help preserve the appearance and functionality of your storm door.

- **Cleaning Glass:** Clean glass panels with a standard glass cleaner and a soft, lint-free cloth. Avoid abrasive cleaners that can scratch the glass.
- **Cleaning Frame:** Wipe down the aluminum frame with a mild soap and water solution. The rust-resistant finish helps maintain its appearance, but regular cleaning prevents dirt buildup.
- **Lubrication:** Periodically apply a silicone-based lubricant to hinges, the retractable screen mechanism, and the door closer piston to ensure smooth operation. Do not use oil-based lubricants, as they can attract dirt.
- **Inspection:** Annually inspect the weather-resistant seal for any signs of wear, cracking, or damage. Replace worn seals to maintain energy efficiency and prevent drafts. Check all screws and fasteners for tightness and tighten if necessary.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Door does not close completely or latches with difficulty.	• Door closer adjustment. • Door frame not square. • Hinges loose or misaligned.	• Adjust the door closer tension. • Check door frame for squareness and adjust shims if necessary. • Tighten or realign hinges.
Retractable screen is stiff or does not retract smoothly.	• Dirt or debris in tracks. • Lack of lubrication.	• Clean screen tracks thoroughly. • Apply silicone-based lubricant to the screen mechanism.
Drafts around the door.	• Worn or damaged weatherstripping. • Improper installation of weather-resistant seal.	• Inspect and replace damaged weatherstripping. • Ensure all seals are properly seated and intact.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact customer support.

SPECIFICATIONS

- **Brand:** Larson
- **Model Number:** 14614032
- **Color:** White
- **Material:** Aluminum, Glass
- **Style:** Classic
- **Door Size:** 36-in x 81-in (as per product title)
- **Glass Type:** Tempered Safety Glass
- **UPC:** 092304144276
- **GTIN:** 092304144276

WARRANTY INFORMATION

This LARSON storm door is backed by a manufacturer's warranty. Specific warranty details, including coverage duration and terms, are typically provided with the product packaging or can be found on the official Larson Manufacturing Co. website. Please retain your proof of purchase for warranty claims. A 30-day easy return policy is generally available for initial product issues.

CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Larson Manufacturing Co. directly.

- **Manufacturer:** Larson Manufacturing Co.
- **Website:** [Visit the Larson Store on Amazon](#) (for general information)
- Refer to your product packaging for direct contact information or visit the official Larson website.

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