Larson 14604052E

LARSON 80 Split Fullview Storm Door with Low-E Glass

Model: 14604052E

Introduction

The LARSON 80 Split Fullview Storm Door with Low-E Glass integrates a full-view glass panel with a retractable screen, designed to provide ventilation and protection. Its EasyVent technology allows for adjustable airflow, while the durable aluminum frame ensures structural integrity and longevity. This door is engineered for functionality and complements various home aesthetics.



Image: LARSON storm door installed on a home, showcasing its full-view glass design and modern aesthetic.

Key Features

- **Retractable Screen Away:** Allows seamless transition between glass and screen for ventilation.
- **EasyVent Technology:** Provides adjustable screen positioning for controlled airflow.
- **Full-View Glass Design:** Maximizes natural light entry.
- **Durable Construction:** Features an aluminum frame and tempered safety glass for strength and security.
- **Weather Protection:** Includes a weather-resistant seal to minimize drafts, moisture, and insect entry.
- **Energy Efficiency:** Designed to assist in maintaining indoor temperatures and potentially reduce energy consumption.
- **Corrosion Resistance:** Equipped with a rust-resistant finish for extended product appearance.
- **Installation:** Engineered for compatibility with most standard door openings.
- **Aesthetic Options:** Available in various colors to match exterior designs.

Setup and Installation

Proper installation is crucial for the optimal performance and longevity of your LARSON storm door. While designed for straightforward installation, professional assistance is recommended if you are not experienced with door installations. Always refer to the detailed installation guide included with your product for specific step-by-step instructions.

Pre-Installation Checks

- **Door Opening Requirements:** This is an inside mount door. It requires a 1-inch deep door frame at the 36-inch width and a 1-inch wide flat trim on the outside. Ensure your door frame meets these specifications. If not, you may need to build out your door frame to accommodate the storm door.
- **Handleset:** Note that the handleset for this storm door is sold separately. Ensure you have acquired a compatible QuickFit handleset before beginning installation.
- **Door Closers:** The door comes with two door closers (one for the top, one for the bottom). Install these as close to the storm door as possible to allow the door to open to its maximum angle of approximately 110 degrees. Incorrect placement can restrict the door's opening range.



Image: Two styles of QuickFit handlesets (Curved and Straight) in various finishes, illustrating that handlesets are sold separately.

Measuring Your Door Opening

Accurate measurements are critical for a proper fit. Measure the opening width horizontally at three points (top, middle, and bottom) and record the narrowest dimension. Measure the vertical opening height. Refer to the diagram below for guidance.

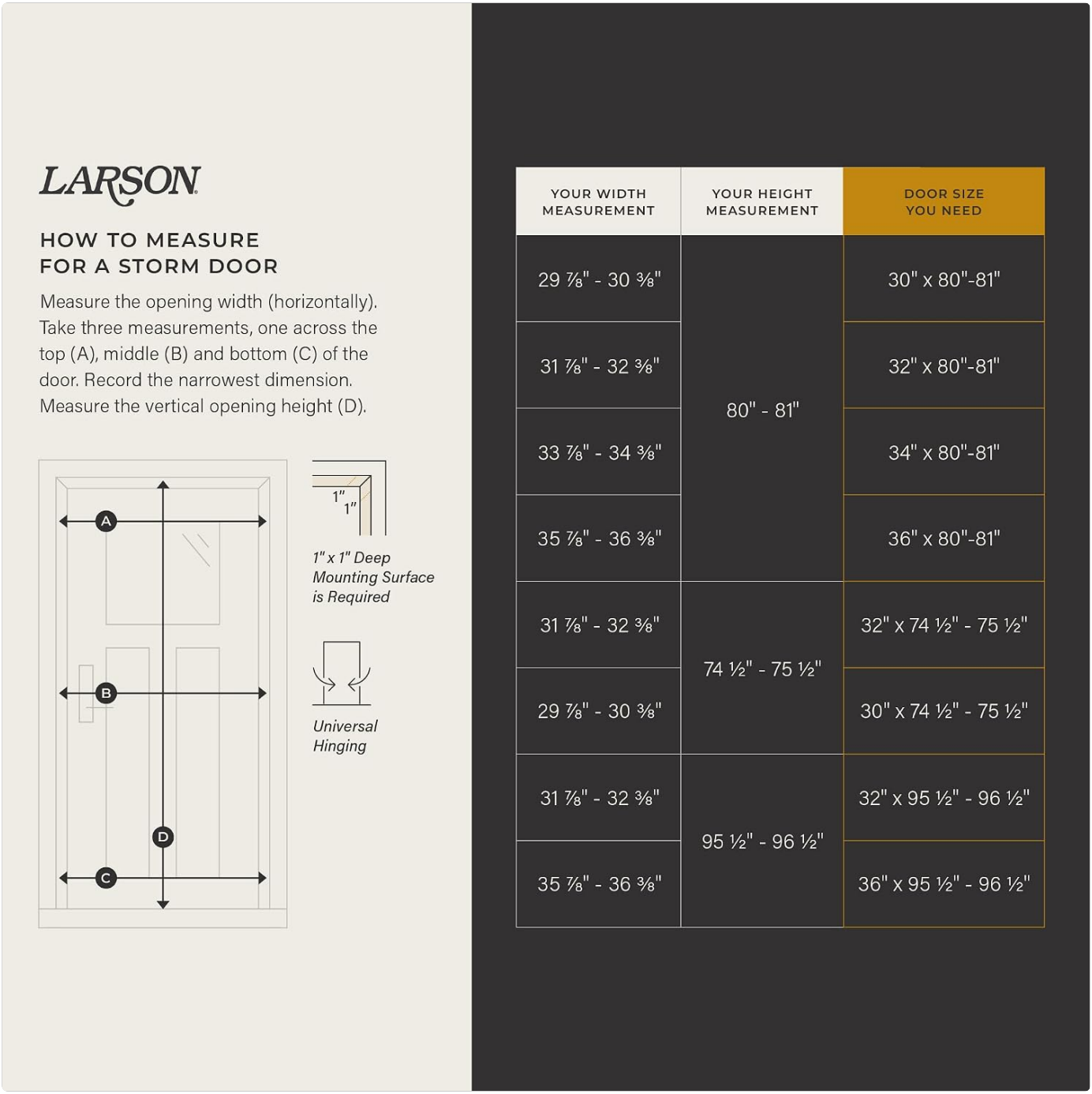


Image: A diagram illustrating how to measure a door opening for a storm door, showing horizontal measurements (A, B, C) and vertical measurement (D), along with a table of corresponding door sizes.

Operating Instructions

Retractable Screen Away and EasyVent Technology

The storm door features a full-view glass panel that can be lowered to reveal an integrated retractable screen, allowing for ventilation. To operate, locate the release mechanism (typically a handle or lever) on the glass panel. Lower the glass panel to the desired position; the screen will automatically deploy to cover the opening. Raise the glass panel to retract the screen and restore the full-view glass.

Door Closer Operation

Your storm door is equipped with two door closers to control the opening and closing speed. These closers prevent the door from slamming and allow it to open to approximately 110 degrees. Adjust the tension screws on the closers to fine-tune the closing speed. Turning the screw clockwise typically increases closing speed, while counter-clockwise decreases it. Ensure the closers are installed correctly and close to the door to achieve the full opening angle.



Image: A foot pressing on a white door closer mechanism installed at the bottom of the storm door, demonstrating hands-free operation.

Maintenance

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

- **Cleaning:** Clean glass panels with a standard glass cleaner. Wipe the aluminum frame with a soft cloth and mild soap and water solution. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Lubrication:** Periodically lubricate moving parts such as hinges and the retractable screen mechanism with a silicone-based spray to ensure smooth operation.
- **Hardware Check:** Inspect all screws and fasteners periodically and tighten if necessary. Check the weather-stripping for any signs of wear or damage and replace if compromised to maintain energy efficiency.

Troubleshooting

This section addresses common issues you might encounter with your storm door.

- **Door Not Latching or Locking Properly:** This issue often stems from precise installation. The door's latch and deadbolt require a very close fit to the frame (within 3/8 inch engagement) to function correctly. Verify that your door opening width is exact and consistent from top to bottom. If the door is slightly undersized or the frame is not perfectly plumb, shimming the door frame may be necessary to achieve the required tight clearance for the latch to engage.
- **Handle Difficult to Remove/Replace:** If you experience difficulty removing or replacing the handleset, ensure all set screws are fully disengaged. If the handle remains stuck, avoid excessive force to prevent damage to the door or handle. Contact customer support for guidance.
- **Screen Not Retracting Smoothly:** Check the screen track for any obstructions or debris. Ensure the screen fabric is not torn or bunched. Lubricate the screen mechanism with a silicone spray if needed.
- **Door Does Not Close Fully or Slams:** Adjust the tension on both the top and bottom door closers. Increase tension if the

door slams, and decrease tension if it does not close fully. Ensure the closers are securely mounted and positioned correctly.

Specifications

Brand	Larson
Model Number	14604052E
UPC	092304144856
Color	Black
Material	Aluminum, Glass
Style	Classic, Contemporary
Assembly Required	No (referring to the door itself, handleset assembly is separate)
Smart Home Compatibility	Not Smart Home Compatible

Warranty Information

This LARSON storm door is backed by a manufacturer's warranty. For specific details regarding coverage, duration, and terms, please refer to the warranty documentation included with your purchase or visit the official Larson website. Keep your proof of purchase for warranty claims.

Customer Support

If you have any questions, require assistance with installation, or need to troubleshoot an issue not covered in this manual, please contact Larson customer support. Contact information can typically be found on the manufacturer's website or in the packaging materials.
Online Resources: www.larsondoors.com

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

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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