



FEATURES AND BENEFITS

ROTOGEAR AWNINGS & CASEMENTS

Loewen

OVERVIEW

Incredibly smooth operation and exceptional performance.

These windows provide your home with meaningful ventilation, but close so tightly they create a seal in your building envelope that is equally meaningful. Many of our awnings and casements adorn the most modern architectural projects, and our Mission® casements are sometimes configured to look like Double Hung windows.

OVERVIEW OF OUR FULL A/C OFFERING

Pushout & Rotogear Awnings
Pushout & Rotogear Casements
Pushout French Casements
Fixed Casements
Fixed Casements (Rotogear-Match)
Fixed Casements (Pushout-Match)
Square and Radius-Top Shapes
Automated Awnings
Mission® Casements
Aluminum, Retractable, and Inswing Screens

STANDARD JAMB DEPTHS

Cutdown Jamb Sizes: 4"
Full Jamb Sizes: 4-9/16"
Jamb Extension Sizes: 5-9/16", 6-1/16", 6-9/16", 7-9/16", 10-9/16"

Additional jamb extension sizes available.

SIZING

Max Standard: 47-1/4" x 94-1/2"
Min Standard: 15-3/4" x 15-3/4"

Highlighting casement sizes here. Custom sizes that do not fit into our standard size matrix are also available.

PERFORMANCE BRIEF

Performance Grade up to **PG80**
Common U-Values - **.28 (Dual) & .19 (Triple)**
Wind Zone 4 & High-Velocity Hurricane Zone (HVHZ) Certified

**U-Values just representative of common performance, more aggressive performance can be achieved.*



HIGHLIGHTED FEATURES & BENEFITS

MORTISE & TENON JOINERY

Our exceptionally tight joinery keeps our sashes consistently square without the need for adhesives.

ONE-PIECE WEATHERSTRIP

A continuous piece of weatherstrip means no potential failure points at the corners, the single joint is thoughtfully placed at the middle of the head. This also adds to the high-quality feel of the sash operation.

DUAL & TRIPLE SASHES

Our two sash options allow for multiple glazing options including our True Triple glazing or Tranquility glazing.

ALL-METAL HANDLES & COVERS

All handles and levers are made with the highest quality materials. There's no interaction with plastic components when operating the window.

STAINLESS STEEL HARDWARE

We offer stainless-steel hardware options for product installed in coastal regions.

WASHABILITY & EGRESS HINGES

Our Washability hinge allows easy access to the exterior of your sash, facilitating easy cleaning from inside your home. Our Egress hinge maximizes the opening, meaning even some of our smaller windows meet egress requirements.

BLEMISH-FREE MOLDINGS

Concealed fasteners minimize exposed nail holes to allow for blemish free solid-wood moldings.

SLEEK RETRACTABLE SCREENS

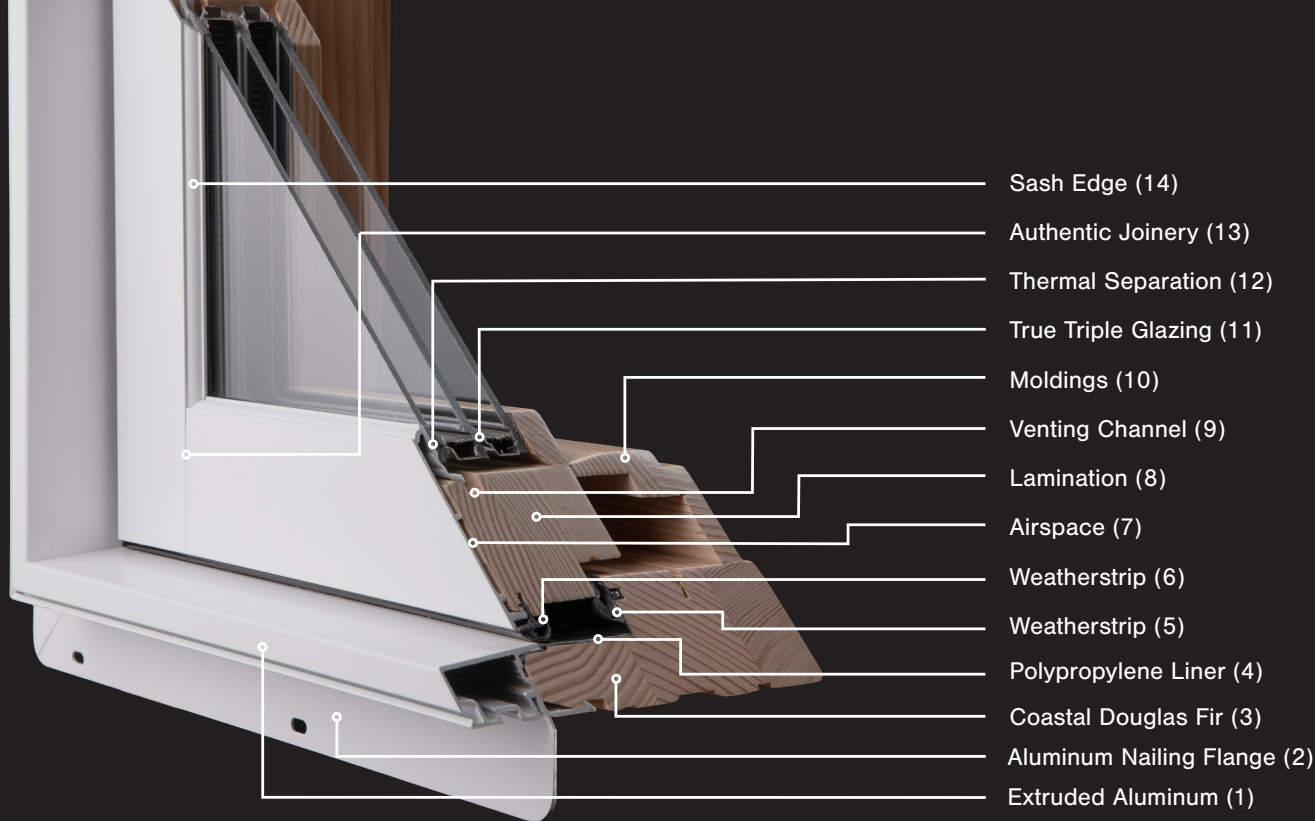
This minimalist screen adds convenience without compromising style. Our retractable screens also don't encroach into the Day Light Opening or add any dimension to our 4-9/16" (116mm) jamb depth.

MISSION SASH

The taller bottom rail makes this sash a great option for mission-style homes. Mission casements can simulate the look of our Double Hung windows, providing classic aesthetics with modern egress.

Information specific to our Pushout Casement offering is found in a separate Pushout Awning & Casement Feature/Benefit brochure.

Visit Loewen.com or talk to your local dealer for a comprehensive education on what makes our awnings & casements the obvious choice in today's architectural market.



LOEWEN FUNDAMENTALS

Our highly customizable product offering is engineered for uncommon strength and durability.

1. Extruded aluminum cladding is intricately detailed, withstanding serious impact without sustaining damage.
2. Integral aluminum nailing flange ensures a secure installation and added weather protection.
3. Coastal Douglas Fir for strength and rigidity.
4. Polypropylene liner for added weather protection.
5. Continuous primary weather-stripping for maximum protection against air and water infiltration.
6. Secondary weatherstrip to deflect wind-driven rain from primary seal.
7. Airspace between cladding and wood for air circulation and added insulation value.
8. Laminated wood components for enhanced structural stability and a tight weather seal.
9. Hidden venting channel allows condensation to escape, increasing seal and sash life.
10. Solid wood moldings as opposed to thin veneers.
11. 1/2" airspace is the optimum performance-spec when using an Argon Gas fill.
12. No metal-to-glass contact improves energy efficiency.
13. Authentic stile and rail construction with mortise and tenon sash corner joinery for structural stability.
14. Sash edge provides a finished look and integrates beautifully with Simulated Divided Lite (SDL) bars.

Corner section shown is a triple glazed rotogear casement with a clear coat Coastal Douglas Fir interior and Alpine White aluminum clad exterior. Corner section also features standard frame cladding with no casing.