

Minimalist A30-Series

Ultra-thin design integrated with
enhanced thermal insulation.

Crafted with brilliance.

"A novel definition of simplicity: the extraordinary within the ordinary."

thermal insulation

Sound attenuation

Wind-resistant

Prevent water

Dustproof

Optimal safety

LUXAL | A30 Series

Minimalist design that exemplifies ingenuity. Minimalist doors and windows, simple yet profound.

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LUXAL | A30 Series

Available in: Standard Jointed, Seamlessly Welded Sash, or Fully Integrated Laser Welding Options.

A30 | A30 Minimalist Thermal Break Casement Window Collection

Product details(Product Specifications)

Frame cross-section width: 125 mm

- Frame width: Side frame 30 mm / Middle frame 30 mm (highlighting exceptional slimness).
- Aluminum composition: Aluminum alloy (6063-T5 and 6063-T6)
- Aluminum thickness: 1.8 mm / 3.0 mm
- Glass: 5mm + 24A + 5mm (Insulated glass)
- Hardware: SZ HOPO, Oaasm, Staforce, Cmech
- Structural System: Multi-Chamber Thermal Break Framework
- Energy Efficiency: Thermal Break Material PA66GF25
- Sealing system: HAIDA three-layer rubber seal.
- Powder coating specifications: AkzoNobel powder coating (premium, world-class quality).
- Insect screen: 0.6 mm stainless steel mesh (standard) / Optional: High-definition PET mesh or imported Japanese insect screen.

A30-Series

Size restrictions

Door opening width: 440 mm to 700 mm.
Door opening height: 450 mm to 1,500 mm.

Usage patterns

Casement window (lateral opening)
Casement window (operating vertically)
Swinging door

Minimalist Frame
Wind Resistant
Soundproof
Premium Brand Glass
Insect Screen
Weather Resistant

Minimalist aesthetics

The outer frame measures a mere 30 mm in thickness.

Definition: Sophisticated and contemporary, reimagining ideal simplicity.

The visible frame and the middle frame each measure 30mm, establishing a minimalist aesthetic that redefines the essence of simplicity's ultimate beauty.

Triple Sealing and Sash System

Strength: Maximum total aluminum thickness of 3.0 mm.

Performance: The triple-layer sealing system offers superior protection against air leaks and noise. Safety: The side locking mechanism prevents unintentional activation.

Merlion's direct cutting and translation feature prevents misoperation.

Internal Structure (Enhanced Profile Framework)

125 mm wide, designed to withstand high air pressure.

Technology: Six-chamber structure featuring a Thermal Break system.

Benefits: Isolates internal air to optimize heat insulation and enhance energy efficiency.

Six-chamber broken bridge structure design offers improved thermal insulation and enhanced energy efficiency.

Haida rubber sealing system

Premium Haida composite rubber seals offer optimal weather resistance, meeting the strict automotive standards used in luxury vehicles like BMW and Mercedes-Benz.

We utilize Haida auto-grade rubber strips, which offer exceptional sealing performance, excellent extrusion resilience, and strong aging resistance.

Product Color

Mint Blue, Spring Green, White Gold, Ivory White, Creamy Gray, Rose Black, Deep Coffee Brown, Obsidian Black, Metallic Sand Gray, Star Asia Grey, Starry Gray, GM Murine Black, Metallic Brew, Tea Brown, Sand Brown, GM Dark Roast Coffee, Fluoro Premium Gold

Hardware/accessories

LUXAL Handle

A profound connection at every turn. Exceptional brilliance, remarkable design.