STORO
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G46 Inward Tilt and Slide Window System

• Thermal Insulation • Wind Pressure Resistance
• High Drainage

Traditional Window Types

Many grid divisions,obstructed view, small window openings, limited daylight area

inward opening
Occupies indoor space
interferes with curtains
prone to collisions

outward opening
risk of fall under strong wind
depending on areas and
height this type of window
might be prohibited

sliding
Sealing, soundproofing,
thermal insulation
Insufficient thermal insulation
performance

Inward Tilt and Slide Window System

Thermal insulation • Wind resistance • High drainage

- does not occupy space
- Sliding opening no risk of falling
- Large window opening for ventilation
- Excellent sealing, soundproofing, and thermal insulation performance
- Diverse grid options for doors and windows
- Multiple opening methods

Product performance parameters

Thermal insulation	K =1.5W/(㎡.K)exposed track, T.I.S 35.3mm
Soundproofing	RW=37dB
Water tightness	△P≥700 Pa (highest)
Air tightness	$q_1 \leq 0.5 m^3/mh$; $q_2 \leq 1.5 m^3/m^2h$ (highest)
Wind pressure resistance	P3≥ 5000 Pa (highest)

Two opening methods

Meet more lifestyle needs

Sliding opening

large ventilation area
Simple and elegant, with an open view
Window sash inward movement d=72mm
Does not interfere with curtains
Inward opening does not occupy space
Avoids collisions

Inward opening

Maintain air circulation with micro-ventilation
Designed with dual-side dual-arm structure
Inward opening distance of 115mm
Greater and more stable opening angle

Extremely high wind pressure resistance

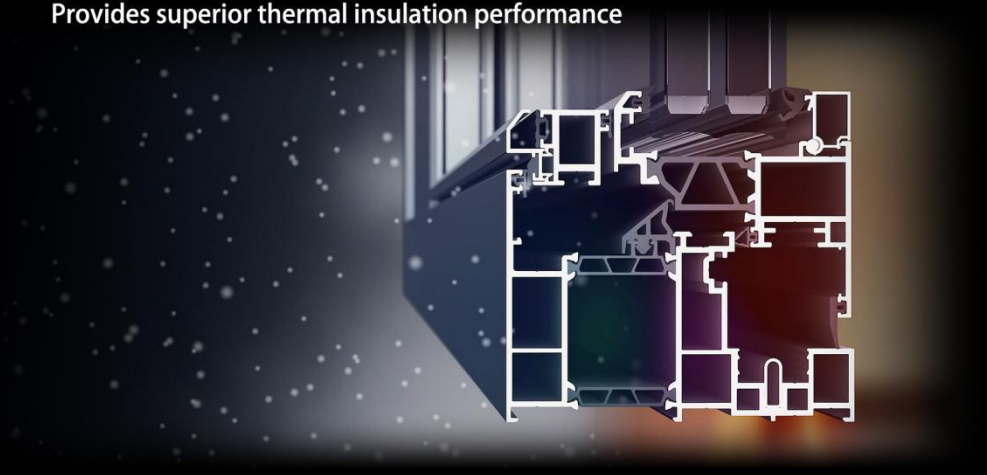
Window sash left and right, top and bottom
Can increase lock points arbitrarily according to width and height
Multiple lock points, sliding compression lock closure
Achieve high wind pressure resistance and high sealing performance
Fearless of typhoons and heavy rain

Ultra-high water tightness

Even in heavy rain outside, the interior remains dry
Sealing strips use EPDM soft-hard co-extrusion design
Excellent sealing performance,
minimal force required for door and window operation

Thermal insulation

Block heat flow from outside ,maintain cool indoor environment
Standard equipped with 24mm thermal insulation strip
Optional 35.3mm large thermal insulation strip
Provides superior thermal insulation performance



Extremely high soundproofing

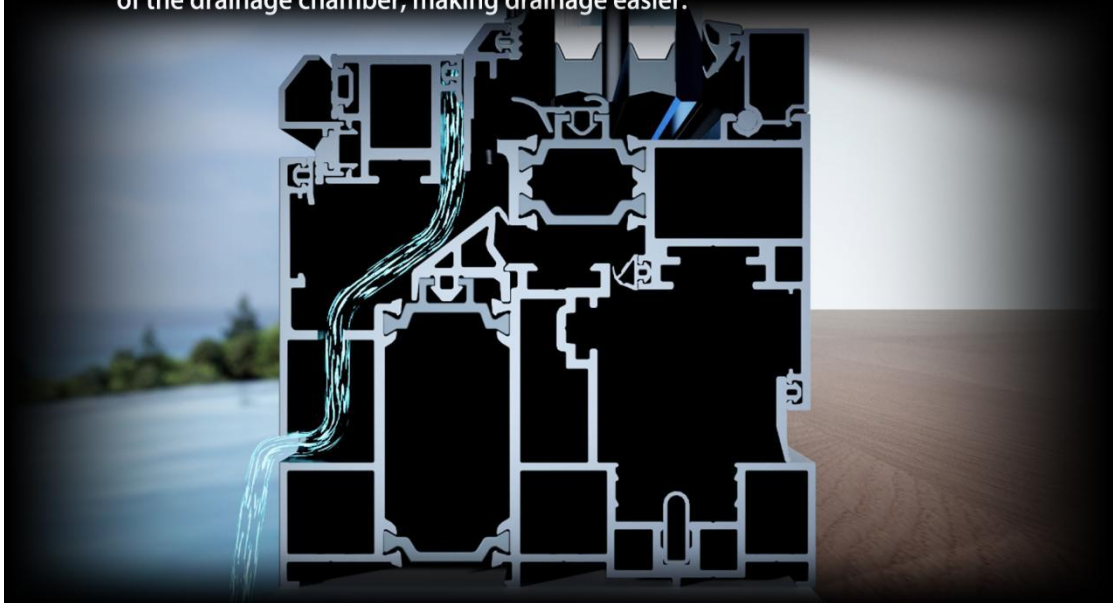
Even when thunder roars outside, it provides you with a quiet home
Frame can accommodate maximum glass thickness of 39mm
(Triple-glazed: 5+12A+5+12A+5)
Equipped with three sealing strips and independent drainage design
improvement in airtightness, water tightness,
thermal insulation, and soundproofing

Dual connector design

The central mullion connection adopts a dual connector design,
with a process of injecting adhesive into the dowel hole
for a stronger connection.

High differential drainage structure

High differential drainage structure,
large difference in pressure balance between the inside and outside
of the drainage chamber, making drainage easier.

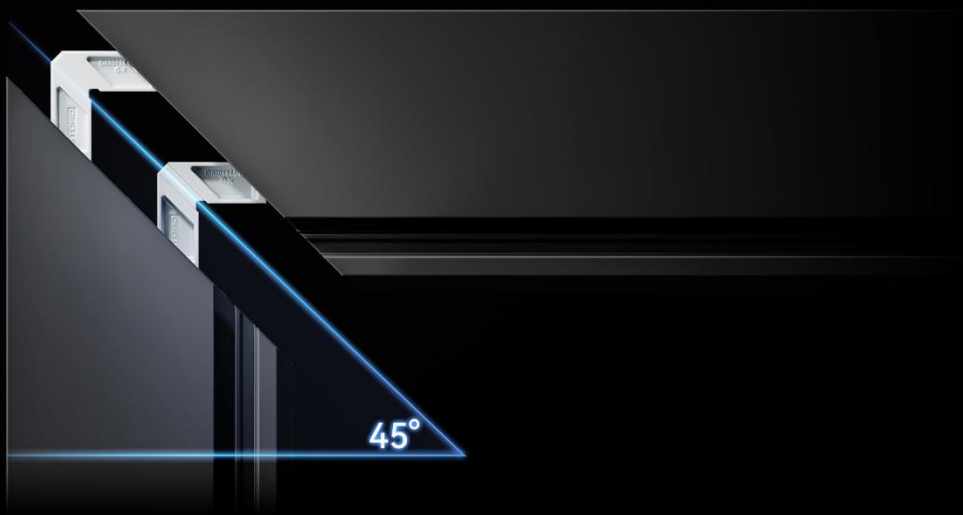


Strong compatibility

Add conversion slots
Can install inward opening and tilting hardware

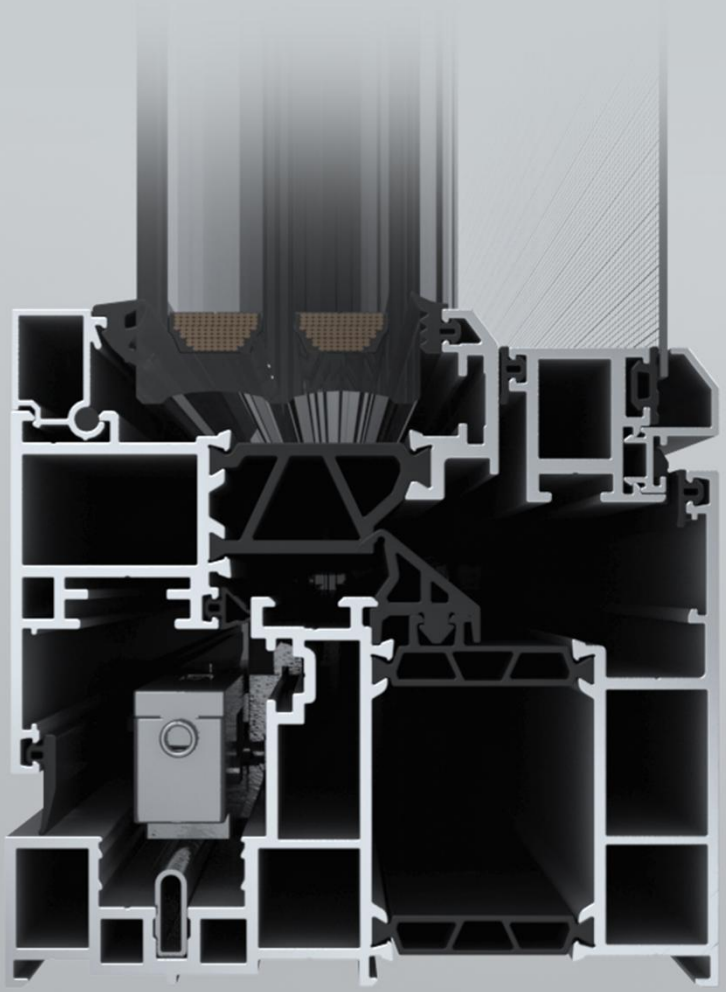
45-degree miter cut

The frame and sash are all assembled with 45-degree miter cuts and adhesive injection technology, making the structure more stable and aesthetically pleasing.



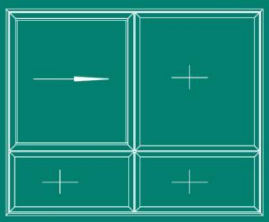
System advantages

Sealing, insulation, wind resistance, safety
Comprehensively guarding comfortable indoor living

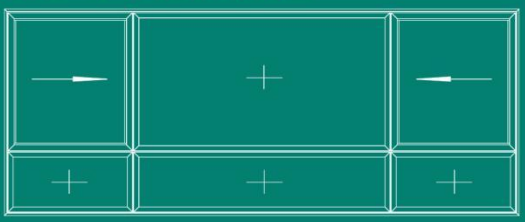


G46 frame width of 113mm (series), sash width of 77mm, thermal insulation strip width of 35.3mm, wall thickness of 1.8mm. The frame and sash are all assembled using a 45° miter cut method and meet the new national standard for inward opening and sliding window systems. The frame can accommodate a maximum glass thickness of 39mm (triple-glazed: 5+12A+5+12A+5).

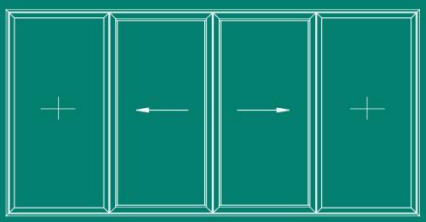
Various config for doors and windows available



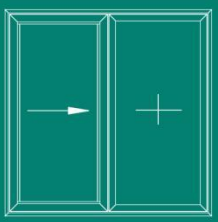
One fixed, one active + bottom fixed
(inward opening screen window)



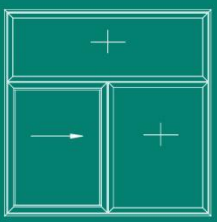
One fixed, two active + bottom fixed
(inward opening screen window)



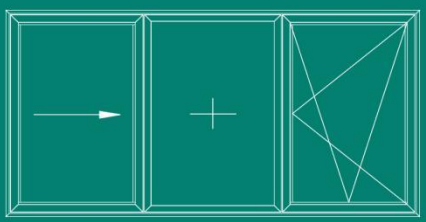
Middle split opening + bottom fixed
(inward opening screen window)



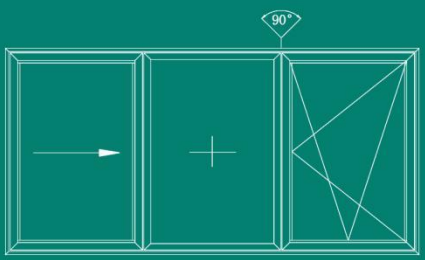
One fixed, one active
(inward opening screen window)



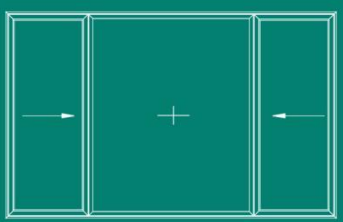
fixed, active + top fixed



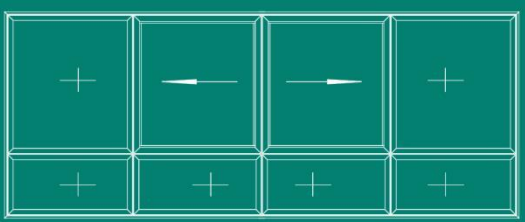
One fixed, one active + inward tilt-tun
(inward opening screen window)



One fixed, one active + corner inward tilt-turn
(inward opening screen window)



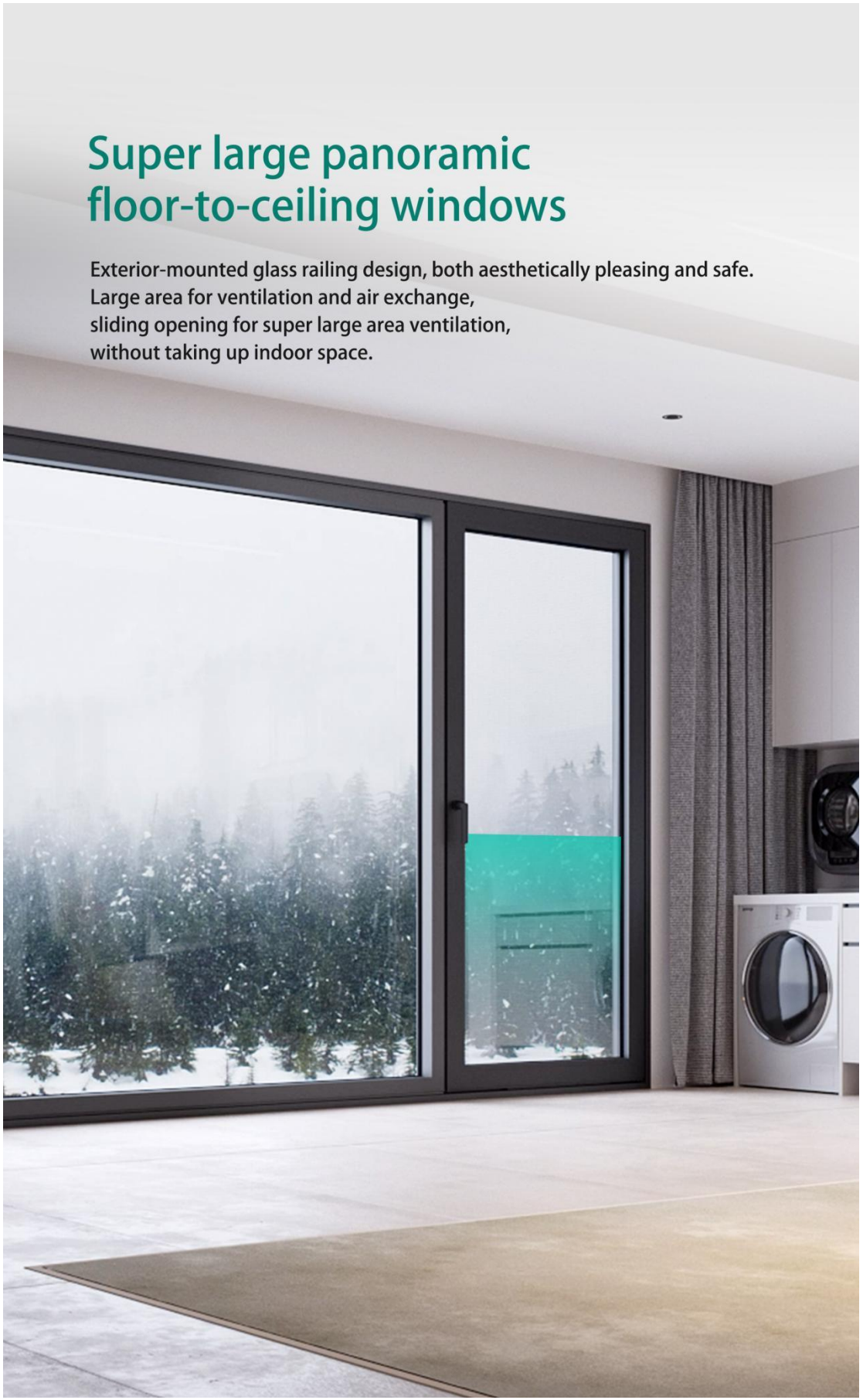
One fixed, two active
(inward opening screen window)



Middle split opening + bottom fixed
(inward opening screen window)

Super large panoramic floor-to-ceiling windows

Exterior-mounted glass railing design, both aesthetically pleasing and safe.
Large area for ventilation and air exchange,
sliding opening for super large area ventilation,
without taking up indoor space.



High-transparency mesh screen, mosquito-proof and ventilated.

Supports high-transparency mesh and stainless steel mesh,
with magnetic strips for positioning,
making it both aesthetically pleasing and easy to install, disassemble,
and clean.