



PATRIOT PRECISION BUILD

QUALITY AMERICAN CRAFTSMANSHIP

DOOR AND WINDOW WHOLESALE DIVISION

CONTACT@PATRIOTPRECISIONBUILD.COM / 404.620.8313

Products Contents

Folding doors system

- 65 Series thermal break folding door
- 68 Series thermal break folding door
- 68 Series non-thermal break folding door

Sliding doors system

- 135 Series heavy duty sliding door
- 184 Series slim frame thermal break sliding door
- 120 Series sliding door
- 146 Series thermal break lift sliding door

Swing doors system

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- 65 Series thermal break casement window(door)
- 4516 Series slim frame casement door
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- 120 Series sliding window
- 70 Series crank casement window
- 118 Series crank awning window
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- 85 Series casement window with fly screen
- 50 Series glass louvre window

Special products

- Glass house
- Pivot door
- 4516 Barn door
- Skylight window

65

Series thermal break folding door



Products Characteristics

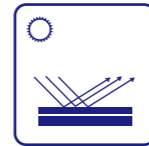
Folding doors have thermal insulation, heat insulation, fire and flame retardant, noise reduction and sound insulation.

Products Configuration

Frame Material : 6063-T5 Aluminium
Alu-Thickness : 1.8mm 2.0mm & 2.5mm
Glass Type : Tempered glass, single or double
Glass Thickness : 5mm, 6mm, 8mm & 10mm
Accessories : Included
Open direction : Fold in, fold out



Water Tightness



Heat Insulation



Prevent Mist



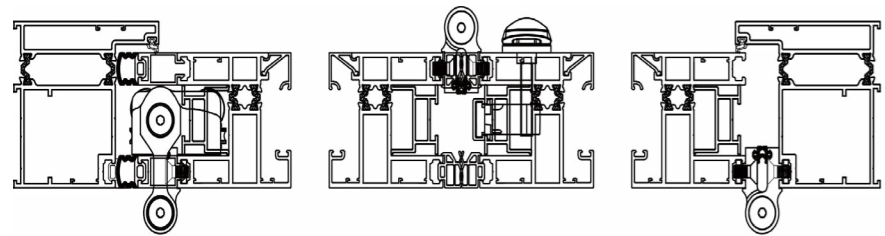
Air Tightness



Sound performance



Wind Load Resistance



68

Series thermal break folding door



Products Characteristics

Folding doors have thermal insulation, heat insulation, fire and flame retardant, noise reduction and sound insulation.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.8mm 2.0mm & 2.5mm

Glass Type : Tempered glass, single or double

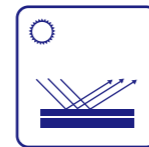
Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Open direction : Fold in, fold out



Water
Tightness



Heat
Insulation



Prevent
Mist



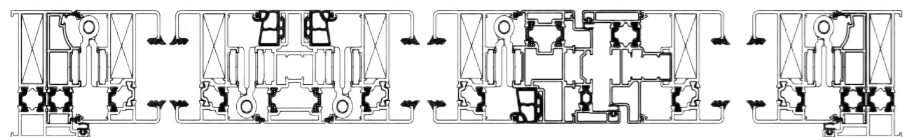
Air
Tightness



Sound
performance



Wind Load
Resistance



68

Series non-thermal break folding door



Products Characteristics

Folding doors have thermal insulation, heat insulation, fire and flame retardant, noise reduction and sound insulation.

Products Configuration

Frame Material : 6063-T5 Aluminium
Alu-Thickness : 1.8mm 2.0mm & 2.5mm
Glass Type : Tempered glass, single or double
Glass Thickness : 5mm, 6mm, 8mm & 10mm
Accessories : Included
Open direction : Fold in, fold out



Water Tightness



Heat Insulation



Prevent Mist



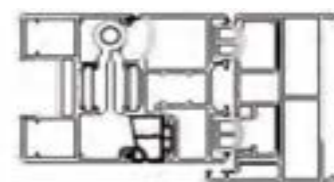
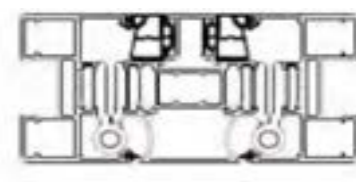
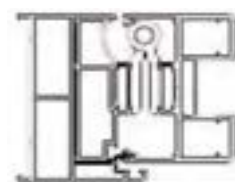
Air Tightness



Sound performance



Wind Load Resistance



135

Series heavy duty sliding door



Products Characteristics

The sliding door can almost meet the designing needs of any consumer because of glass's reprocessing, baking paint, sand blasting, toughening, special-shaped processing and other characteristics. The sliding door is personalized, fashionable, artistic and solid.

Products Configuration

Frame Material : 6063-T5 Aluminium
Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm
Glass Type : Tempered glass, single or double
Glass Thickness : 5mm, 6mm, 8mm & 10mm
Accessories : Included
Colour : Ral powder coat or anodized



Water Tightness



Heat Insulation



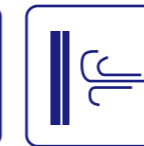
Prevent Mist



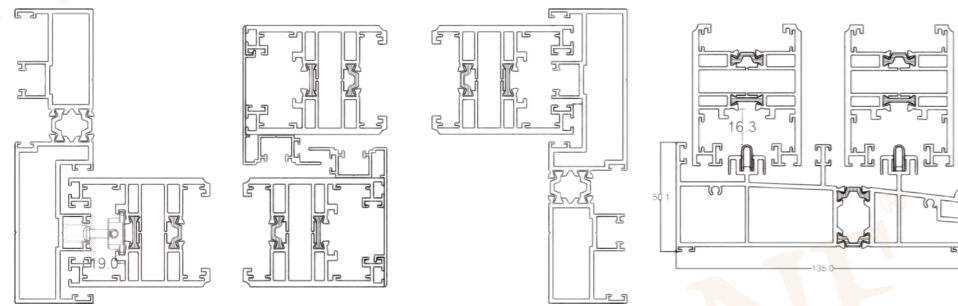
Air Tightness



Sound performance



Wind Load Resistance



184

Series slim frame thermal break sliding door



Products Characteristics

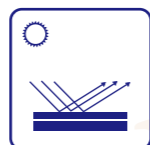
The sliding door can almost meet the designing needs of any consumer because of glass's reprocessing, baking paint, sand blasting, toughening, special-shaped processing and other characteristics. The sliding door is personalized, fashionable, artistic and solid.

Products Configuration

Frame Material : 6063-T5 Aluminium
Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm
Glass Type : Tempered glass, single or double
Glass Thickness : 5mm, 6mm, 8mm & 10mm
Accessories : Included
Colour : Ral powder coat or anodized



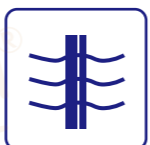
Water Tightness



Heat Insulation



Prevent Mist



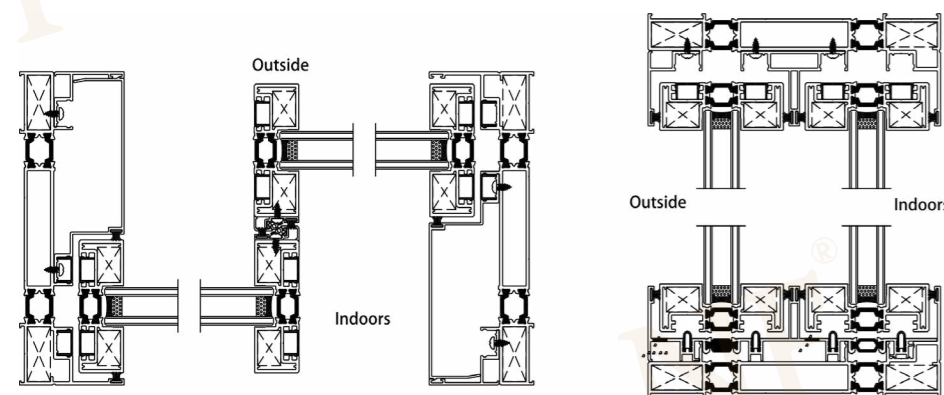
Air Tightness



Sound performance



Wind Load Resistance



120

Series sliding door



Products Characteristics

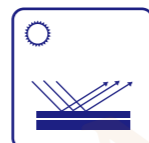
The sliding door can almost meet the designing needs of any consumer because of glass's reprocessing, baking paint, sand blasting, toughening, special-shaped processing and other characteristics. The sliding door is personalized, fashionable, artistic and solid.

Products Configuration

Frame Material : 6063-T5 Aluminium
Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm & 2.5mm
Glass Type : Tempered glass, single or double
Glass Thickness : 5mm, 6mm, 8mm & 10mm
Accessories : Included
Colour : Ral powder coat or anodized



Water
Tightness



Heat
Insulation



Prevent
Mist



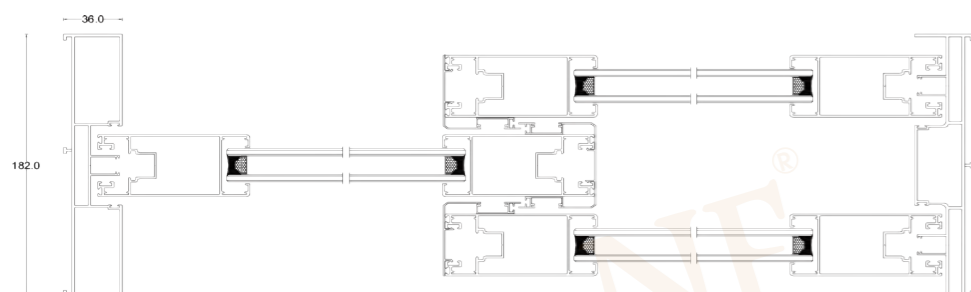
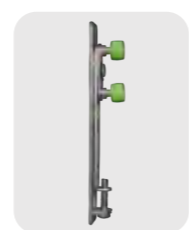
Air
Tightness



Sound
performance



Wind Load
Resistance



146

Series thermal break lift sliding door

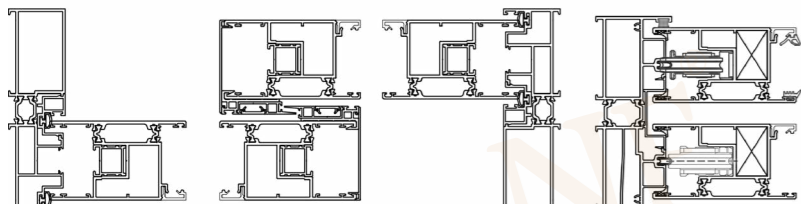
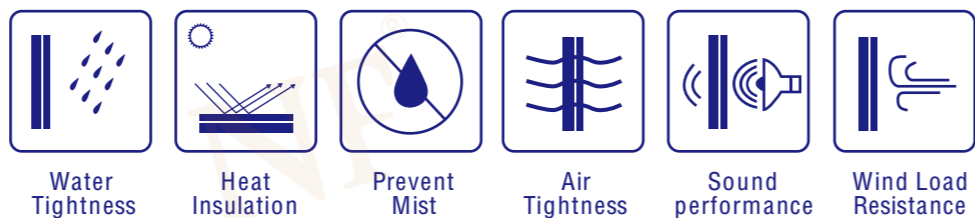


Products Characteristics

The sliding door can almost meet the designing needs of any consumer because of glass's reprocessing, baking paint, sand blasting, toughening, special-shaped processing and other characteristics. The sliding door is personalized, fashionable, artistic and solid.

Products Configuration

Frame Material : 6063-T5 Aluminium
Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm
Glass Type : Tempered glass, single or double
Glass Thickness : 5mm, 6mm, 8mm & 10mm
Accessories : Included
Colour : Ral powder coat or anodized



50

Series casement window(door)



Products Characteristics

The casement door has various opening modes, diversified styles and shapes , convenient installation , etc. It has long use period, good sealing, good thermal insulation and dust-proof performance. It's suitable for all kinds of high, medium and low grade decoration.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm

Glass Type : Tempered glass, single or double

Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water Tightness



Heat Insulation



Prevent Mist



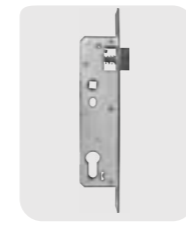
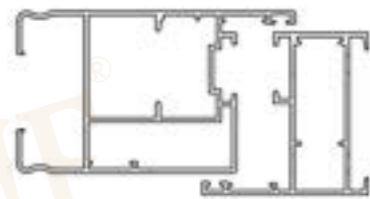
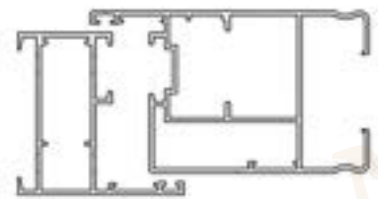
Air Tightness



Sound performance



Wind Load Resistance



55

Series thermal break casement window(door)

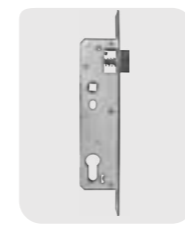
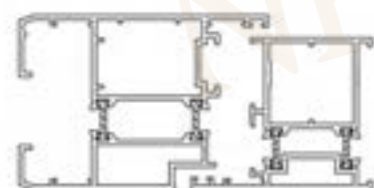
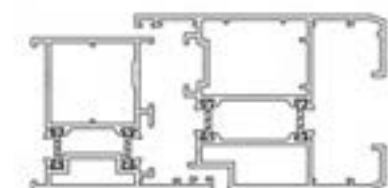
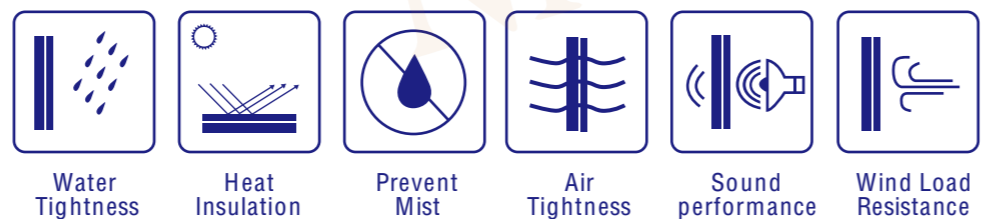


Products Characteristics

The casement door has various opening modes, diversified styles and shapes , convenient installation , etc. It has long use period, good sealing, good thermal insulation and dust-proof performance. It's suitable for all kinds of high, medium and low grade decoration.

Products Configuration

Frame Material : 6063-T5 Aluminium
Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm
Glass Type : Tempered glass, single or double
Glass Thickness : 5mm, 6mm, 8mm & 10mm
Accessories : Included
Colour : Ral powder coat or anodized



65

Series thermal break casement window(door)



Products Characteristics

The casement door has various opening modes, diversified styles and shapes , convenient installation , etc. It has long use period, good sealing, good thermal insulation and dust-proof performance. It's suitable for all kinds of high, medium and low grade decoration.

Products Configuration

Frame Material : 6063-T5 Aluminium
Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm
Glass Type : Tempered glass, single or double
Glass Thickness : 5mm, 6mm, 8mm & 10mm
Accessories : Included
Colour : Ral powder coat or anodized



Water Tightness



Heat Insulation



Prevent Mist



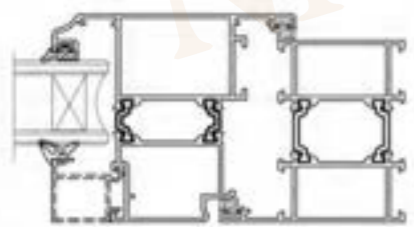
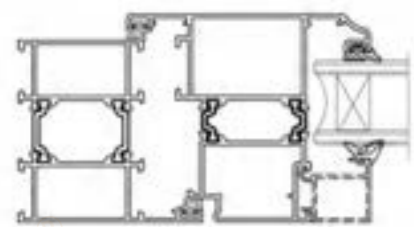
Air Tightness



Sound performance



Wind Load Resistance



4516

Series slim frame casement door



Products Characteristics

The casement door has various opening modes, diversified styles and shapes , convenient installation , etc. It has long use period, good sealing, good thermal insulation and dust-proof performance. It's suitable for all kinds of high, medium and low grade decoration.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm

Glass Type : Tempered glass, single or double

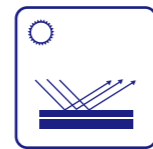
Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water
Tightness



Heat
Insulation



Prevent
Mist



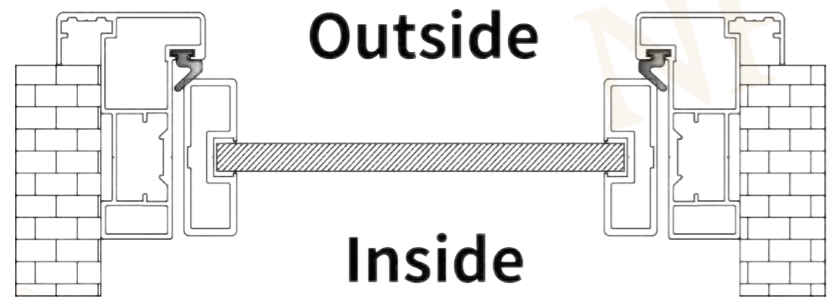
Air
Tightness



Sound
performance



Wind Load
Resistance



4518

Series slim frame casement door



Products Characteristics

The casement door has various opening modes, diversified styles and shapes, convenient installation, etc. It has long use period, good sealing, good thermal insulation and dust-proof performance. It's suitable for all kinds of high, medium and low grade decoration.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm

Glass Type : Tempered glass, single or double

Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water
Tightness



Heat
Insulation



Prevent
Mist



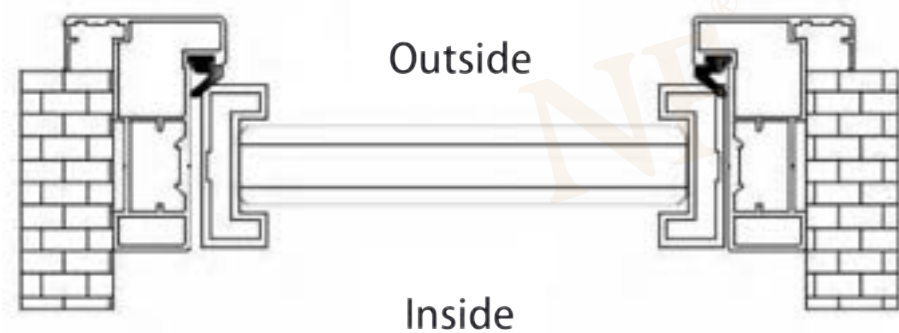
Air
Tightness



Sound
performance

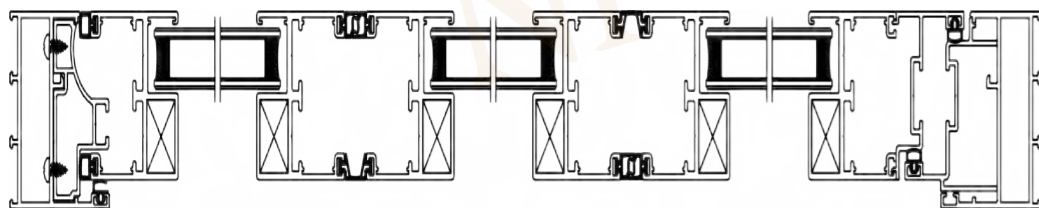


Wind Load
Resistance



50

Series folding window



Products Characteristics

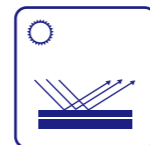
The folding glass windows products are gorgeous in appearance and durable, beautiful in colors and colorful with smooth texture . So they can be perfectly matched with the interior decoration style or doors and Windows.

Products Configuration

Frame Material : 6063-T5 Aluminium
Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm
Glass Type : Tempered glass, single or double
Glass Thickness : 5mm, 6mm, 8mm & 10mm
Accessories : Included
Colour : Ral powder coat or anodized



Water Tightness



Heat Insulation



Prevent Mist



Air Tightness



Sound performance



Wind Load Resistance



50

Series fold up window



Products Characteristics

The fold up windows have elegant decorative effects, colorful colors and novel and fashionable appearances. The folding panels can be stopped at any position, and the height can be adjusted as needed. The glass selection is diversified. In addition, the fold up windows are made of aluminum alloy and the surface is artificial The oxide film is combined with color to form a composite film layer, which is not only corrosion-resistant, abrasion-resistant, and scrub-resistant, but also has a certain fire resistance.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm

Glass Type : Tempered glass, single or double

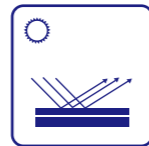
Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water
Tightness



Heat
Insulation



Prevent
Mist



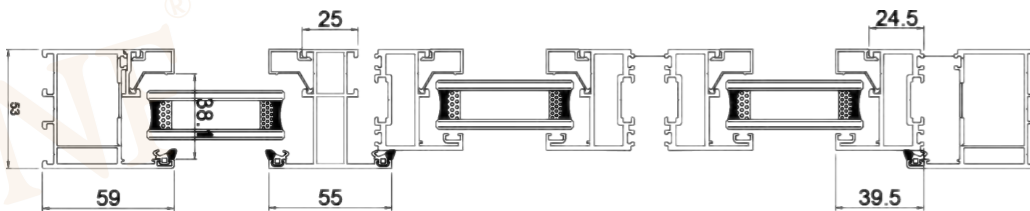
Air
Tightness



Sound
performance



Wind Load
Resistance



120

Series thermal break sliding window



Products Characteristics

Sliding window has the advantage of space saving, exterior beauty, price economy and good leakproofness. It can be opened flexibly with a simple push because of high-grade slippery course. Using large glass not only increases the indoor lighting, but also improves the overall appearance of the building.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm

Glass Type : Tempered glass, single or double

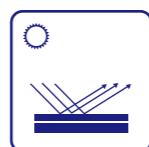
Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



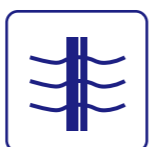
Water
Tightness



Heat
Insulation



Prevent
Mist



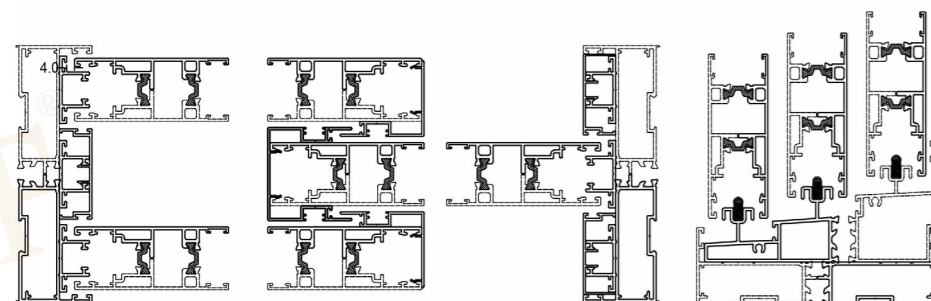
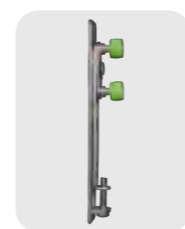
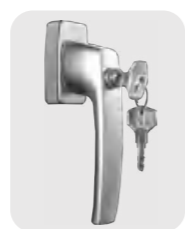
Air
Tightness



Sound
performance



Wind Load
Resistance



120

Series sliding window



Products Characteristics

Sliding window has the advantage of space saving, exterior beauty, price economy and good leakproofness. It can be opened flexibly with a simple push because of high-grade slippery course. Using large glass not only increases the indoor lighting, but also improves the overall appearance of the building.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm

Glass Type : Tempered glass, single or double

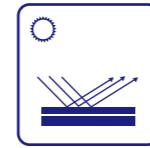
Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



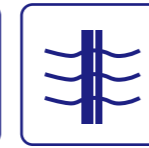
Water Tightness



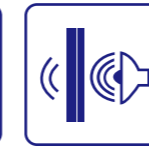
Heat Insulation



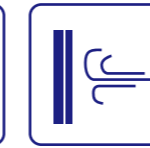
Prevent Mist



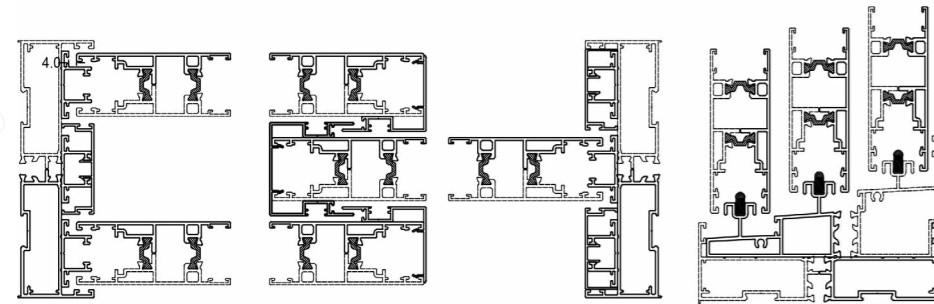
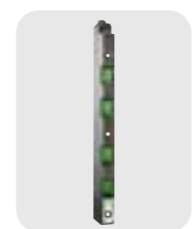
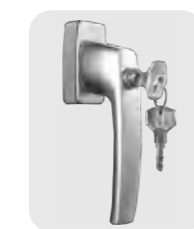
Air Tightness



Sound performance



Wind Load Resistance



70

Series crank casement window



Products Characteristics

The appearance style is elegant and solemn, with excellent wind-resistant, water-tight, air-tight, heat preservation and sound insulation performance. It adopts the frame structure with low outside and high inside, which has excellent waterproof performance. The American - style installation nail fin structure can effectively solve the leakage problem in the installation process.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm

Glass Type : Tempered glass, single or double

Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water Tightness



Heat Insulation



Prevent Mist



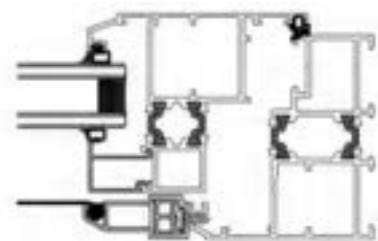
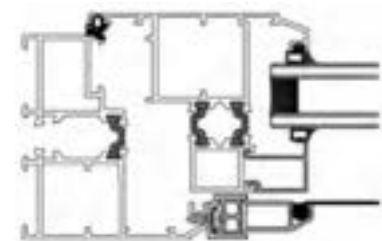
Air Tightness



Sound performance



Wind Load Resistance



118

Series crank awning window



Products Characteristics

The appearance style is elegant and solemn, with excellent wind-resistant, water-tight, air-tight, heat preservation and sound insulation performance. It adopts the frame structure with low outside and high inside, which has excellent waterproof performance. The Australian - style installation timber reveal structure can effectively solve the leakage problem in the installation process.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm & 2.5mm

Glass Type : Tempered glass, single or double

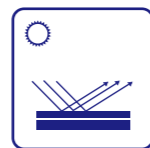
Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water Tightness



Heat Insulation



Prevent Mist



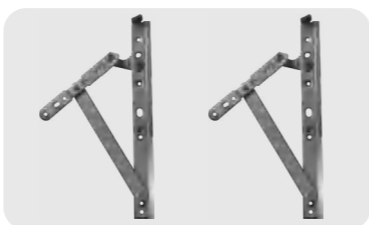
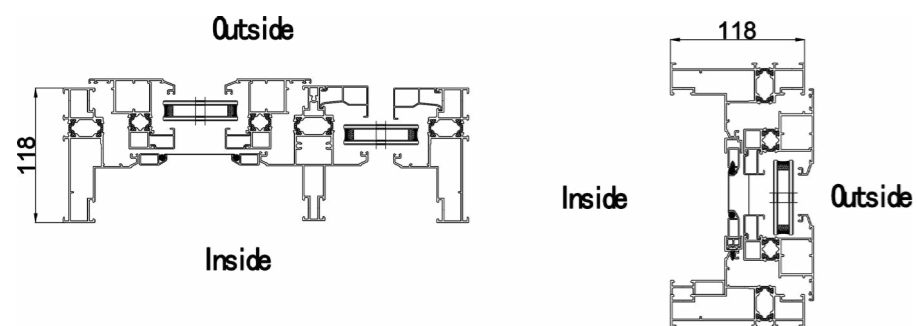
Air Tightness



Sound performance



Wind Load Resistance



83

Series single/double hung window



Products Characteristics

Double hung window has superior energy saving, heat preservation, dust and noise reduction and excellent wind pressure resistance; beautiful lines, wide viewing angle.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm

Glass Type : Tempered glass, single or double

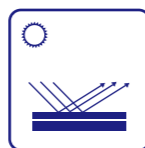
Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water Tightness



Heat Insulation



Prevent Mist



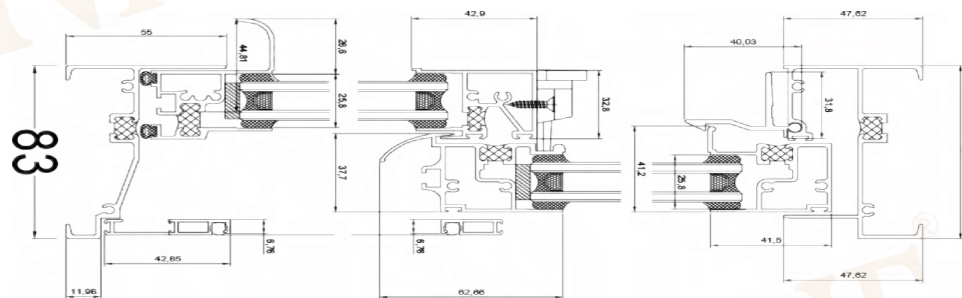
Air Tightness



Sound performance



Wind Load Resistance



65

Series thermal break tilt and turn window



Products Characteristics

Tilt and turn window are especially suitable for those who live on the upper floors. When the wind blows, tilt and turn window can prevent the wind and let fresh air slowly enter the room.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm & 2.5mm

Glass Type : Tempered glass, single or double

Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water Tightness



Heat Insulation



Prevent Mist



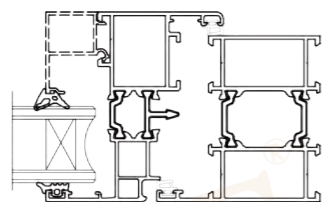
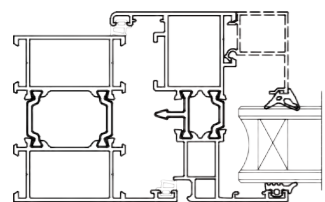
Air Tightness



Sound performance



Wind Load Resistance



85

Series casement window with fly screen



Products Characteristics

Casement window makes an air circulation between the room and nature for indoor air fresh, while excluding the possibility of rain into the room. Pure and fresh air creates comfortable living environment for people undoubtedly. The linkage hardware and lever handle around the window sash can be operated all sorts of functions indoor . Because the window sash is totally fixed on the window frame all-around when closing, so its safety and anti-theft performance are very good.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm

Glass Type : Tempered glass, single or double

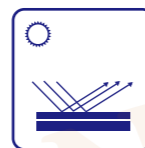
Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water Tightness



Heat Insulation



Prevent Mist



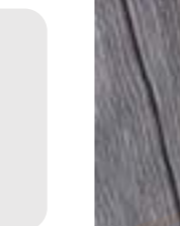
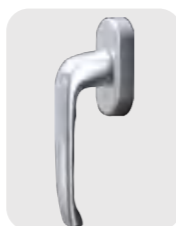
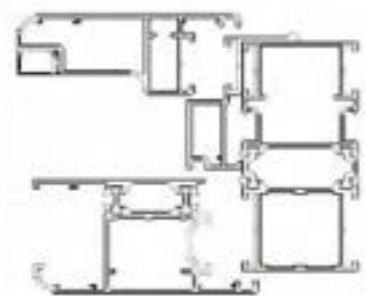
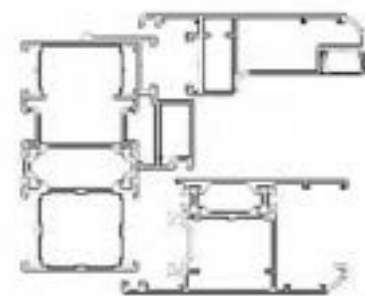
Air Tightness



Sound performance



Wind Load Resistance



Glass louvre window



Products Characteristics

Glass louvre window have the advantages of large ventilation area and convenient cleaning. The appropriate opening angle of the louvre prevents the interior of the building from being affected by strong outdoor winds and maintains proper ventilation at all times. At the same time, it is highly decorative, and the glass blades can be selected in a variety of colors or processing techniques.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm&2.5mm

Glass Type : Tempered glass, single or double

Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water Tightness



Heat Insulation



Prevent Mist



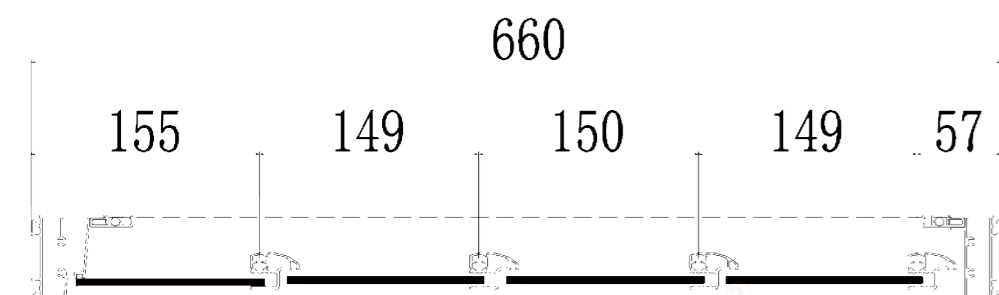
Air Tightness



Sound performance



Wind Load Resistance



Glass house



Products Characteristics

The sun room adopts a non-traditional building constructed with glass and metal frames to achieve the purpose of enjoying the sun and being close to nature. Sunshine room is a building respected by people in pursuit of nature and fashion at home and abroad.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 2.0mm & 3.0mm

Glass Type : Tempered glass, single or double

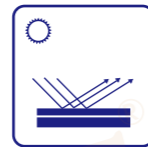
Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water
Tightness



Heat
Insulation



Prevent
Mist



Air
Tightness



Sound
performance



Wind Load
Resistance



Pivot door


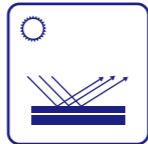






Products Characteristics

The pivot door adopts aluminum profile as the frame of the door and tempered glass as the facade. The function can well resist wind, can reduce the dissipation of air conditioning, and has the effect of energy saving and air isolation. The design of the central axis door body is generous and spacious, and the style is high-profile and luxurious.

Products Configuration

- Frame Material : 6063-T5 Aluminium
- Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm & 2.5mm
- Glass Type : Tempered glass, single or double
- Glass Thickness : 5mm, 6mm, 8mm & 10mm
- Accessories : Included
- Colour : Ral powder coat or anodized

					
Water Tightness	Heat Insulation	Prevent Mist	Air Tightness	Sound performance	Wind Load Resistance



4516 Barn door



Products Characteristics

Barn door in people's impression is often considered to have a kind of American rural styles. Modern new barn door after processing design provides variety of choices in color and shape color and shape, and possesses excellent function in decoration. At the same time, the barn door also saves more space, and solves the problem that opening size is too small to install the sliding door.

Products Configuration

Frame Material : 6063-T5 Aluminium

Alu-Thickness : 1.4mm 1.6mm 1.8mm 2.0mm & 2.5mm

Glass Type : Tempered glass, single or double

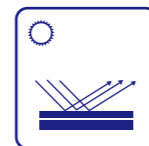
Glass Thickness : 5mm, 6mm, 8mm & 10mm

Accessories : Included

Colour : Ral powder coat or anodized



Water
Tightness



Heat
Insulation



Prevent
Mist



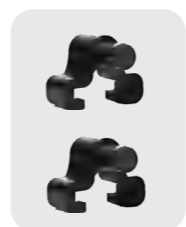
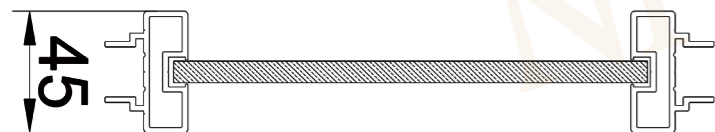
Air
Tightness



Sound
performance



Wind Load
Resistance



Skylight window



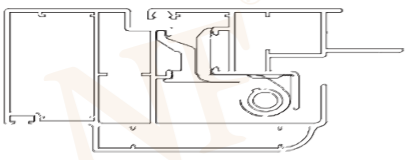
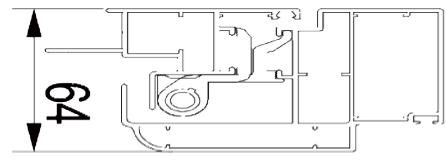
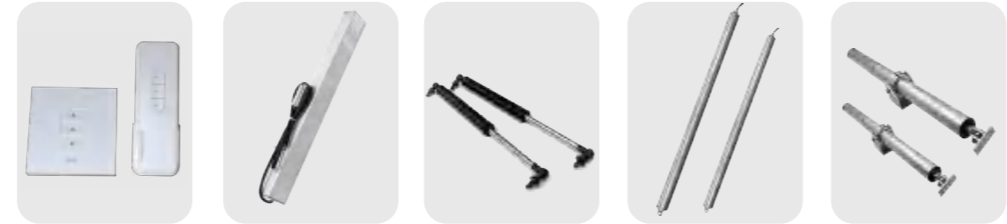
Products Characteristics

Electric skylight window, Is not only environmental , but also easy to be used.In the meantime, power sunroof of sunshine room can facilitate room of independent double entry and conjoined double entry structure to increase usable floor area.

Products Configuration

- Frame Material : 6063-T5 Aluminium
- Alu-Thickness : 1.4mm, 1.6mm, 1.8mm 2.0mm&2.5mm
- Glass Type : Tempered Glass, single or double
- Glass Thickness : 5mm, 6mm, 8mm & 10mm
- Accessories : Included
- Colour : RAL Powder Coat or Anodized

Water Tightness	Heat Insulation	Prevent Mist	Air Tightness	Sound performance	Wind Load Resistance



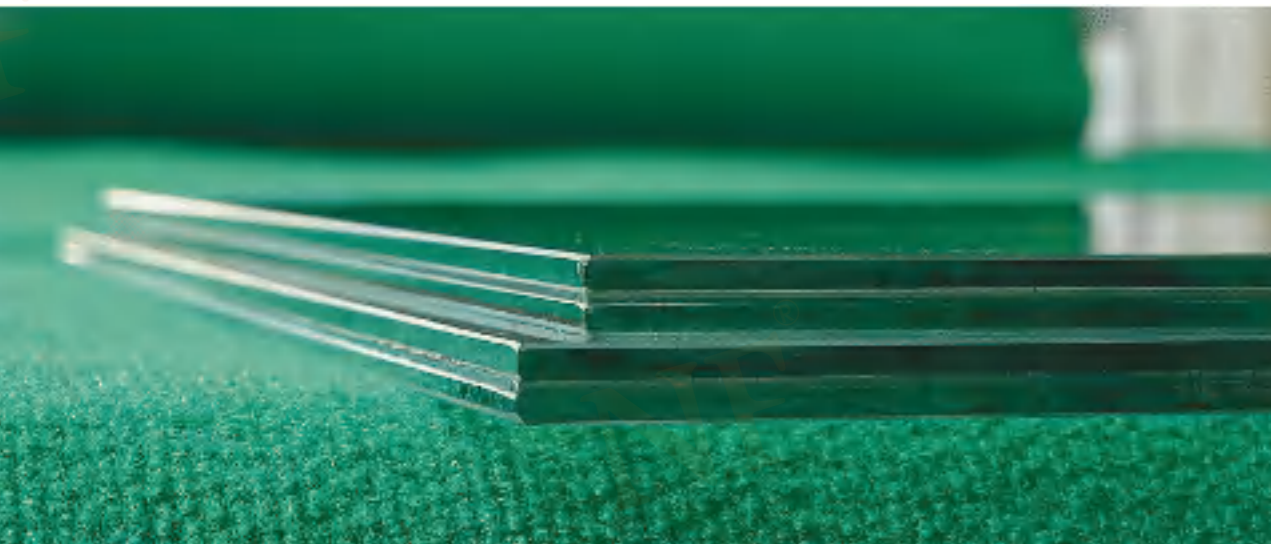
TINTED GLASS

Tinted glazings retain their transparency from the inside, although the brightness of the outward view is reduced and the color is changed. The most common colors are neutral gray, bronze, and blue-green, which do not greatly alter the perceived color of the view and tend to blend well with other architectural colors.



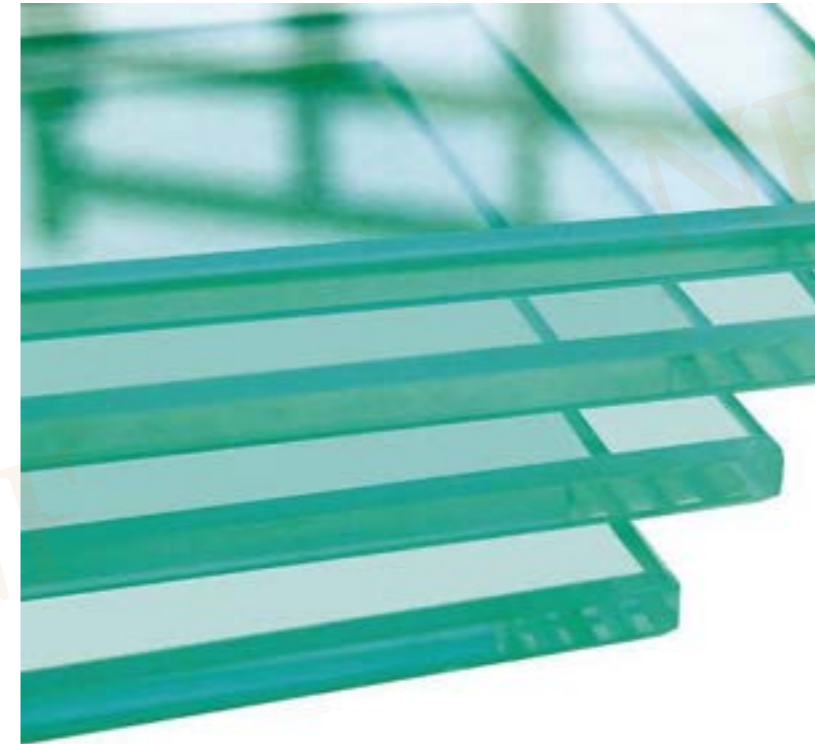
TEMPERED GLASS

Tempered or toughened glass is a type of safety glass processed by controlled thermal or chemical treatments to increase its strength compared with normal glass. Tempering puts the outer surfaces into compression and the inner surfaces into tension. Such stresses cause the glass, when broken, to crumble into small granular chunks instead of splintering into jagged shards as plate glass (aka: annealed glass) creates. The granular chunks are less likely to cause injury.



LAMINATED GLASS

Laminated glass consists of a tough plastic interlayer made of polyvinyl butyral (PVB) bonded between two panes of glass under heat and pressure. Once sealed, the glass sandwich behaves as a single unit and looks like normal glass. Laminated glass provides durability, high-performance, and multi-functional benefits while preserving aesthetic appearance.



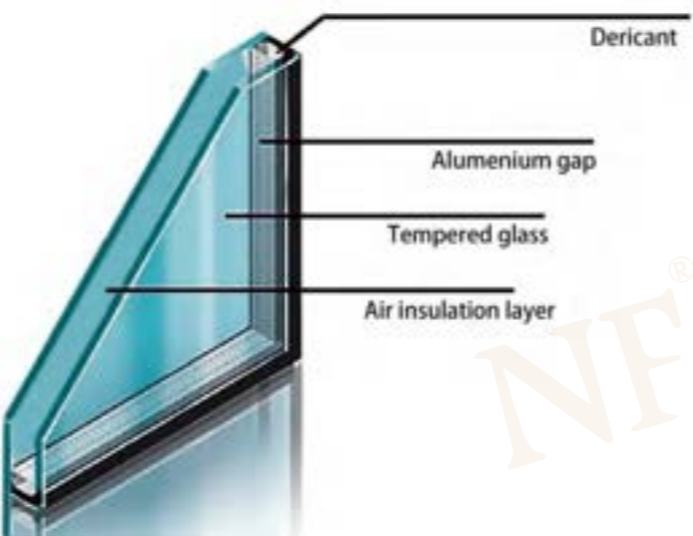
INSULATED DOUBLE GLAZING

BENEFITS:
Energy cost savings. The airtight construction of double glazed windows creates thermal insulation. This reduces the flow of incoming and outgoing heat. Less energy is used to heat up or cool down the space, resulting in lower energy bills.
Limited condensation. Moisture on a warm surface forms droplets of water, which freezes into frost. This can make the room feel colder, which forces the people inside to adjust the heat. The air between the two panes of glass, plus the airtight seal, prevents condensation from building up by blocking moisture in cold weather.

Sound insulation. Double glazed windows improve sound insulation by creating a barrier between the home and the environment outside.

Safety. Double glazed windows are tougher to break than single pane windows, so they increase the security of the home. Because they're sealed tighter than other windows, it is also difficult to force them open from the outside.

Reduce damage to furnishings. Double glazed windows can reduce the amount of sun and heat entering the room. This can help reduce sun damage to your paintings, furniture, carpet, and other objects around the home.



GLASS BUILT IN BLIND

Insulating glass built-in shutter doors and windows are composed of double-layer tempered glass and shutters. The curtains built into the double glass can be controlled manually by a magnetic device or remotely controlled by a built-in motor. The light entering the room can be controlled by adjusting the angle of the venetian blinds. There is no doubt that louver doors and windows are ideal products to solve the problem of shading. Insulating glass built-in shutter doors and windows not only save space, but also have heat preservation and noise prevention functions, and at the same time give buildings and interiors a novel vision. Regardless of summer or winter, as long as you adjust the angle of the shutters, you can achieve shading or lighting effects, which greatly reduces the energy consumption of air conditioner



Electric control



Manual control

