

<b>70</b> SERIES THERMAL BREAK ALUMINUM WINDOW .....	<b>09</b>
<b>K80</b> SERIES THERMAL BREAK ALUMINUM WINDOW .....	<b>15</b>
<b>91</b> SERIES THERMAL BREAK ALUMINUM CASEMENT WINDOW .....	<b>31</b>
<b>96</b> SERIES ALUMINUM SLIDING DOOR .....	<b>35</b>
<b>130</b> SERIES ALUMINUM SLIDING DOOR .....	<b>41</b>
<b>146</b> SERIES THERMAL BREAK ALUMINUM LIFTING SLIDING DOOR .....	<b>47</b>
<b>170</b> SERIES ALUMINUM LIFTING SLIDING DOOR .....	<b>55</b>
<b>190</b> SERIES HEAVY LIFTING SYSTEM SLIDING DOOR SERIES TECHNICAL PARAMETER .....	<b>59</b>
<b>73-65</b> SERIES THERMAL BREAK ALUMINUM HEAVY DUTY FOLDING DOOR .....	<b>63</b>
<b>75</b> SERIES ALUMINUM FOLDING DOOR .....	<b>67</b>
<b>88</b> SERIES THERMAL BREAK ALUMINUM FOLDING DOOR .....	<b>71</b>
<b>68</b> SERIES THERMAL BREAK ALUMINUM FOLDING DOOR .....	<b>75</b>
<b>120</b> SERIES THERMAL BREAK ALUMINUM SLIDING WINDOW WITH NET .....	<b>79</b>
<b>110</b> SERIES THERMAL BREAK ALUMINUM CASEMENT WINDOW WITH NET .....	<b>83</b>
<b>50</b> SERIES ALUMINUM CASEMENT DOOR .....	<b>89</b>
<b>75</b> SERIES THERMAL BREAK SPRING DOOR .....	<b>93</b>
<b>18</b> SERIES SLIM FRAME ALUMINUM CASEMENT DOOR .....	<b>97</b>
<b>100 * 65</b> INVISIBLE ALUMINUM CURTAIN WALL .....	<b>101</b>
<b>147*65</b> THERMAL BREAK ALUMINUM VISIBLE CURTAIN WALL .....	<b>103</b>
<b>120</b> SERIES ALUMINUM SUNROOM WITH LIGHT .....	<b>107</b>
<b>120</b> SERIES ALUMINUM SUNROOM EUROPEAN-STYLE .....	<b>110</b>

# Contents

# 70 SERIES THERMAL BREAK ALUMINUM WINDOW

## Profile thickness:

Frame thickness: 1.8mm Fan thickness: 1.8mm

## Product configuration:

### 1. Tilt and turn window:

Width: 520mm-800mm Height: 700mm-1500mm Maximum fan load: 60kg

### 2. Casement window:

Width: 400mm-800mm Height: 700mm-1500mm Maximum fan load: 60kg

### 3. When the 70 series is used for casement doors:

Width: 600mm-900mm Height: 1800mm-2400mm

## Glass:

5mm+19A+5mm double tempered glass

5mm+27A+5mm double tempered glass

## Grills:

70 thermal break casement series are normally square grills or diamond grills (27A hollow)

## Blinds:

Built-in manual Blinds or magnetic control Blinds ,electric Blinds

Door and window sashes can be manual Blinds or fixed Blinds. The corners can be 90° and 135°

## Basic parameters:



Thermal insulation coefficient:  
Uw2.0W/ m² K



Wind resistance coefficient:  
+2500Pa



Water tightness coefficient:  
+500Pa



Airtightness coefficient:  
Level 5



Sound insulation coefficient:  
RW up to 30dB

## Product description:

1.Material design adopts European standard notch to meet the versatility of accessories on the market

2.Double-layer (5mm+19A+5mm) tempered insulating glass, double-layer sealing, better sealing: it can effectively reduce the acoustic resonance and has a good sound insulation effect

3.Insulating glass can be freely equipped with magnetically controlled hollow louvers and electric louvers, realizing two-way selection of daylighting and shading

4.Various opening styles: outside opening window, inside opening window, Tilt and turn window, top hung window, single casement door, double casement door

# HARDWARE CONFIGURATION



— Friction stay —



— Lock cylinder —



— Wind bracing —



— Transmission box —



— Drive rod - lock seat - lock point - connector —



— Hinge —

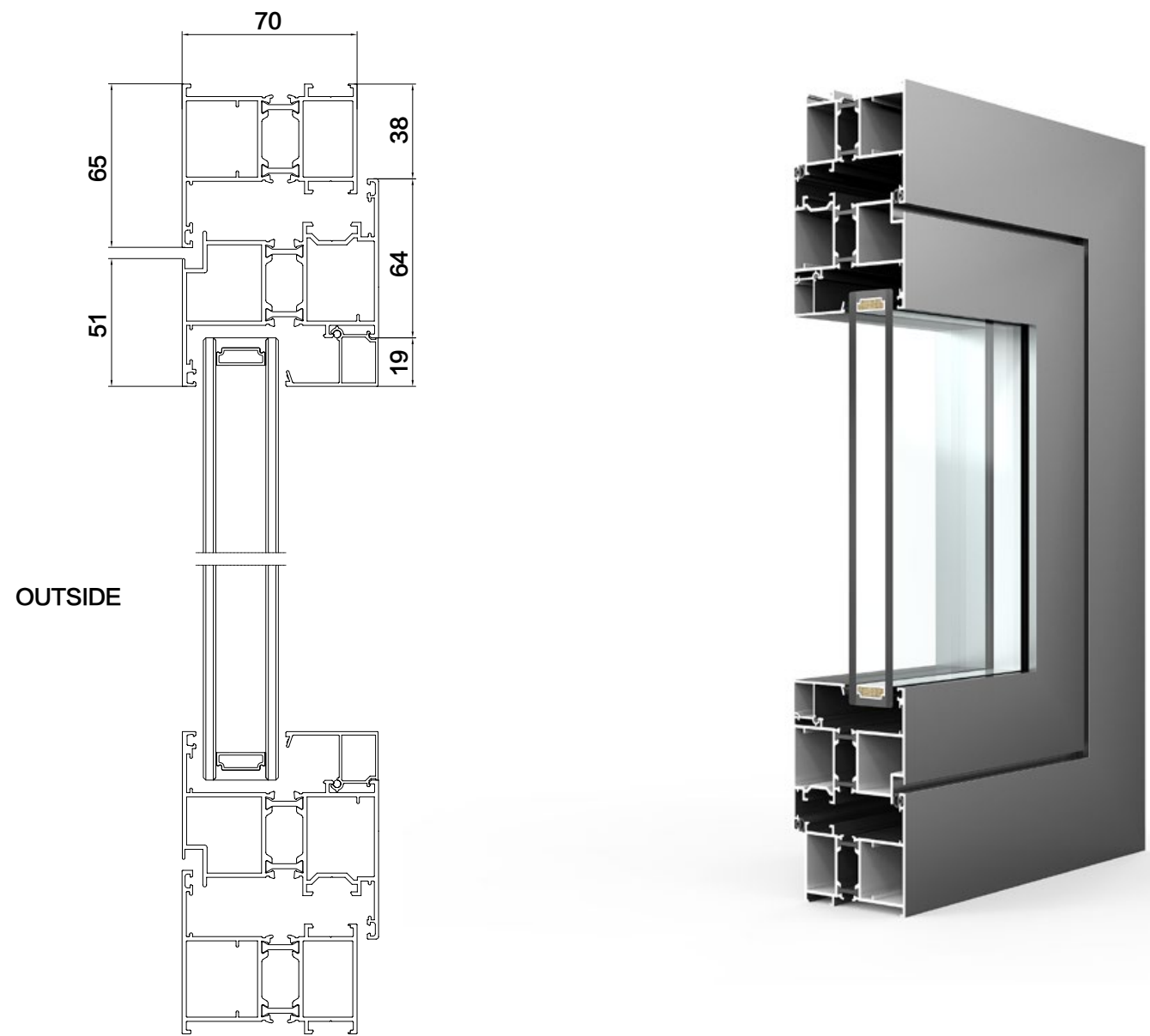


— Lock cylinder cover —



— Door Handle —

# 70 SERIES THERMAL BREAK ALUMINUM WINDOW



HIGH-END SYSTEM DOORS AND WINDOWS

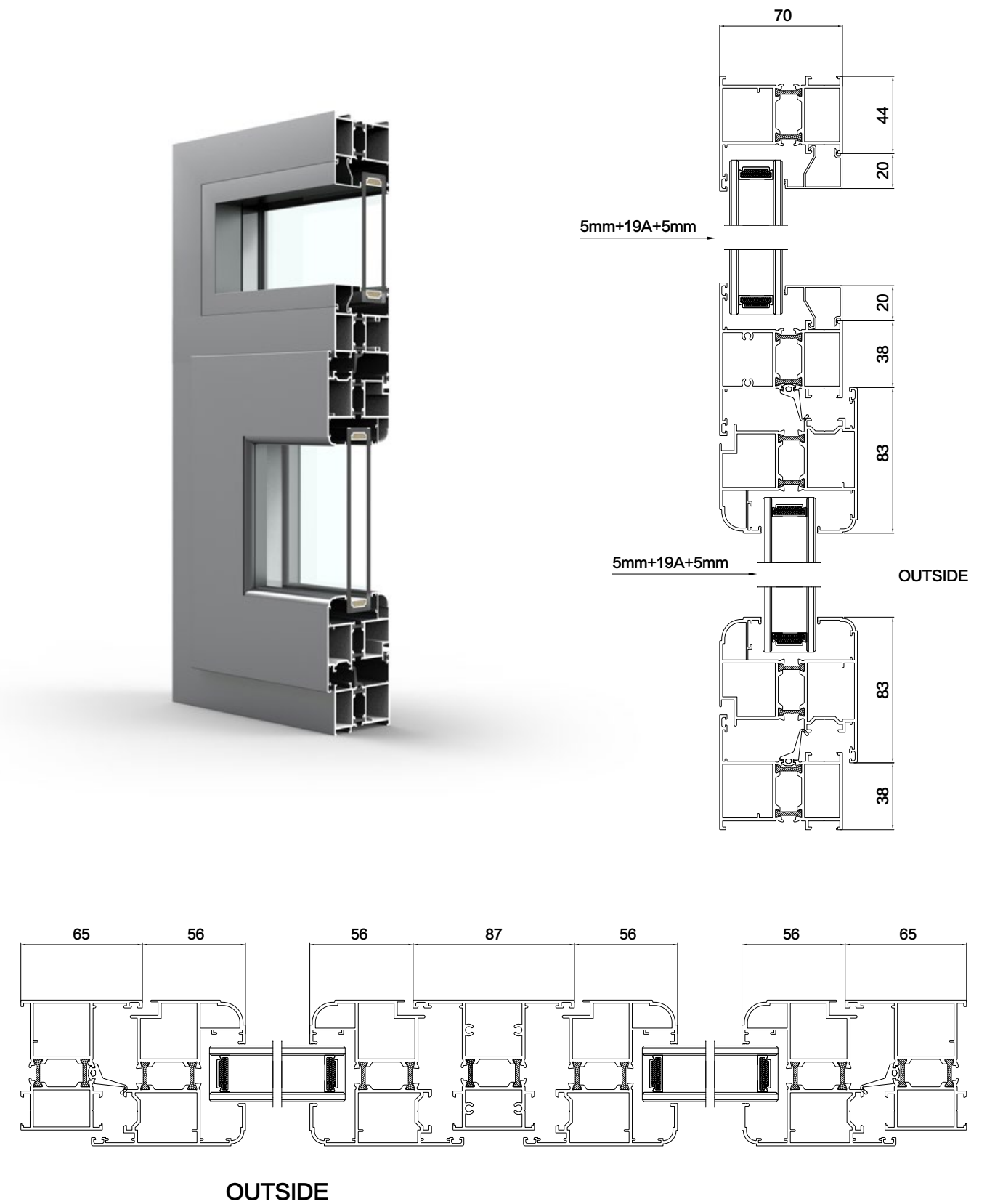


Good doors and windows will bring a good life experience, our doors and windows adopt advanced design technology, Exquisite workmanship, high quality, Behind all this is the original spirit of pursuing beauty and excellence.



**DURABLE AND SAFE**

## 70 SERIES THERMAL BREAK ALUMINUM WINDOW



# K80 SERIES THERMAL BREAK ALUMINUM WINDOW

## Profile thickness:

Window fan thickness: 1.8mm      Door frame thickness: 1.8mm      Door fan thickness: 2.0mm

## Specifications:

Fan width: 400mm – 800mm      Fan height: 400mm – 1900mm      Maximum fan load: 60kg

## Glass:

5mm+16A+5mm+12A+5mm hollow, broken edge can be made 8mm+27A+8mm, also can be made double glass 5mm+27A+5mm

## Insulation strip size:

35.3mm multi-cavity insulation strip

## Basic parameters:



Watertight performance  
AS/NZS4420.1 standard:  
**600Pa**



Wind pressure resistance  
AS/NZS4420.1 standard:  
**± 4000Pa**



Airtightness coefficient:  
**Level 5**



Sound insulation performance  
ISO717 standard:  
**Rw37dB**



Thermal insulation performance  
AS/NZS4420.1 standard:  
**Uw1.4W/m2K**

## Product description:

1. The product uses standard 35.3 insulation strips and three-glass two-cavity structural glass, which effectively guarantees the product's thermal insulation and sound insulation functions.
2. 1.8mm international profile thickness, standard German process design, make the product air tightness, water tightness, and wind pressure resistance performance effectively reflected.
3. The internal cavities of the frame, stile, and fan are all designed with rectangular cavity, with glue-injected corner brace connectors, the connection is firmer and the structure is more stable. The glass bead is a cavity structure, which is not easy to deform.
4. It adopts an intermediate sealing structure, divide the glass into two parts: drainage cavity and sealed cavity, to prevent the hidden danger of poor sealing at the sealing position.

## HARDWARE CONFIGURATION



— Friction stay —



— Hinge —



— Drive rod + lock seat + lock block —

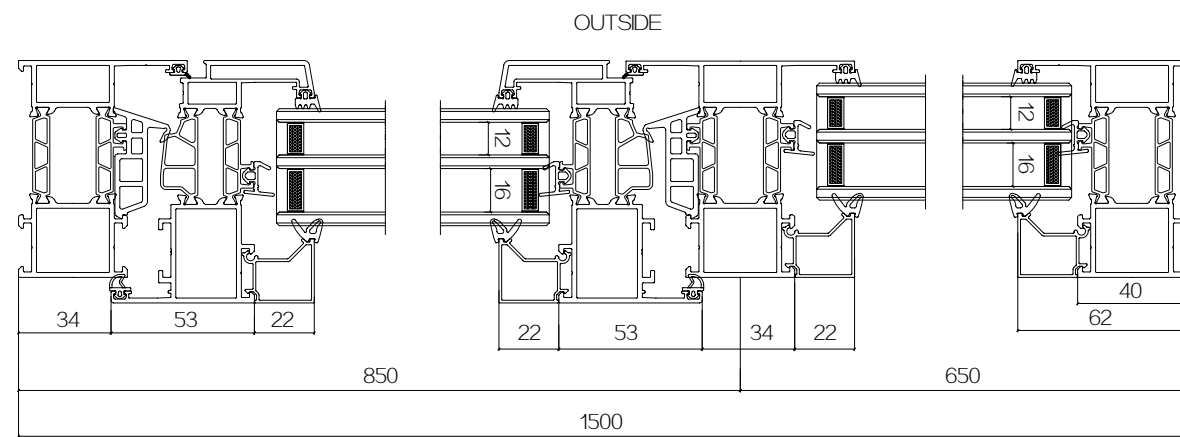
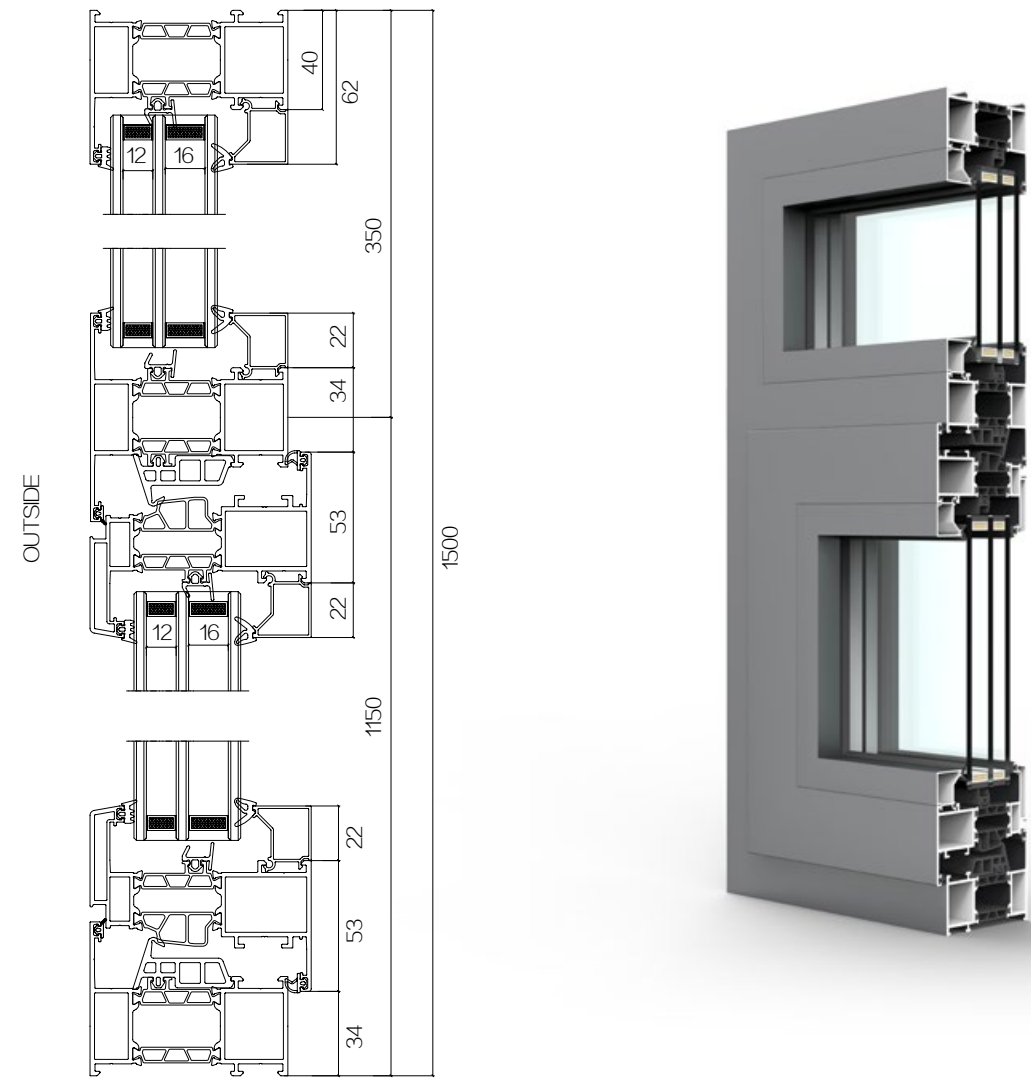


— Lock body —

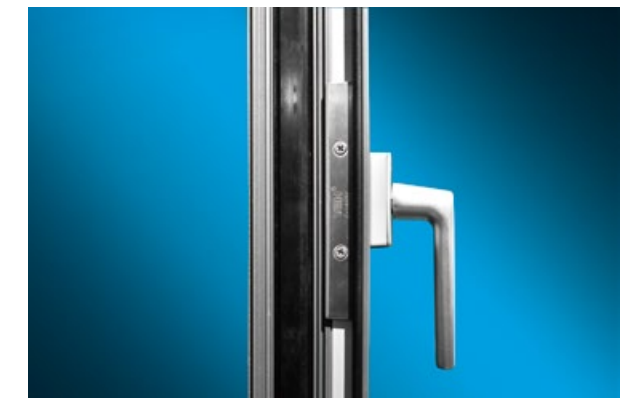
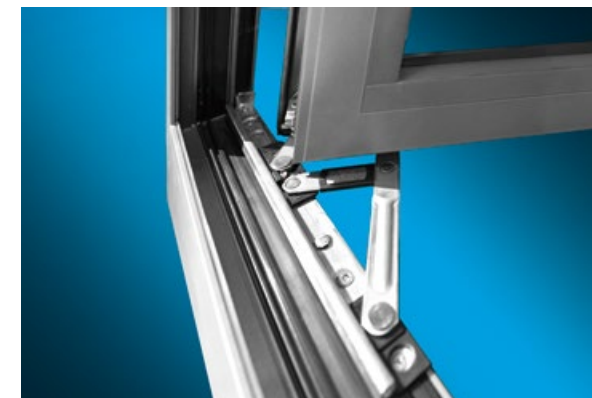


— Anti falling chain —

# K80 SERIES THERMAL BREAK ALUMINUM WINDOW



## Product details



PRODUCT  
PERFORMANCE

**DRAINAGE SYSTEM**

**Independent  
Drainage design**

The frame and fan independent drainage system design improves the water tightness of the whole window, and the overall design is simple and elegant.



PA66 nylon insulation strip adopts German advanced precision extrusion technology. It has excellent mechanical strength and good weather resistance, resistance to ultraviolet ray aging, acid and alkali corrosion, and has obvious effects of heat preservation, sound insulation and energy saving.

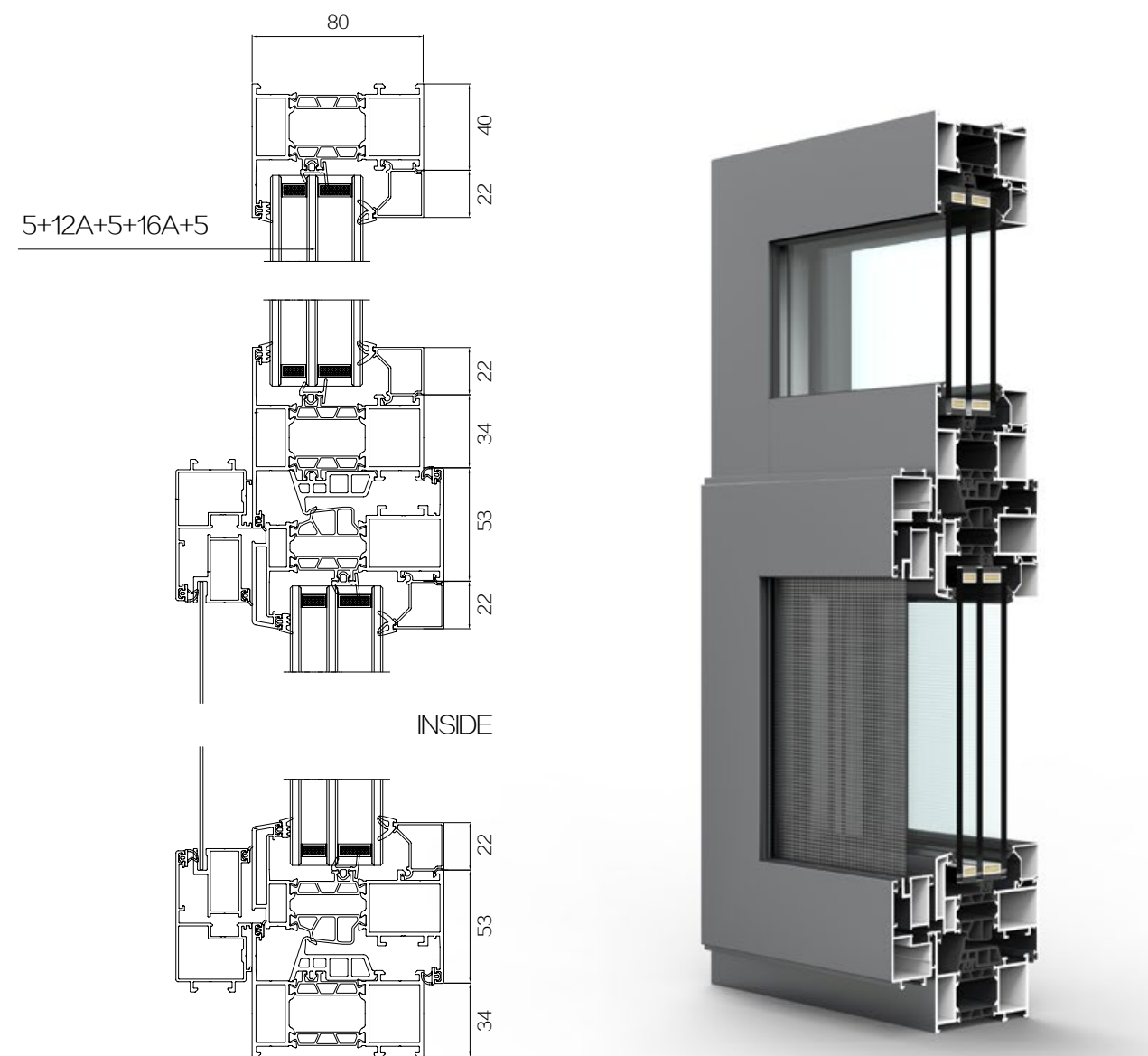
**Profile  
sealing structure**

The German standard process design makes the product air tightness, water tightness, and wind pressure resistance performance effective.

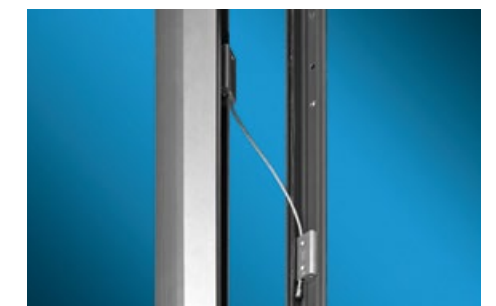
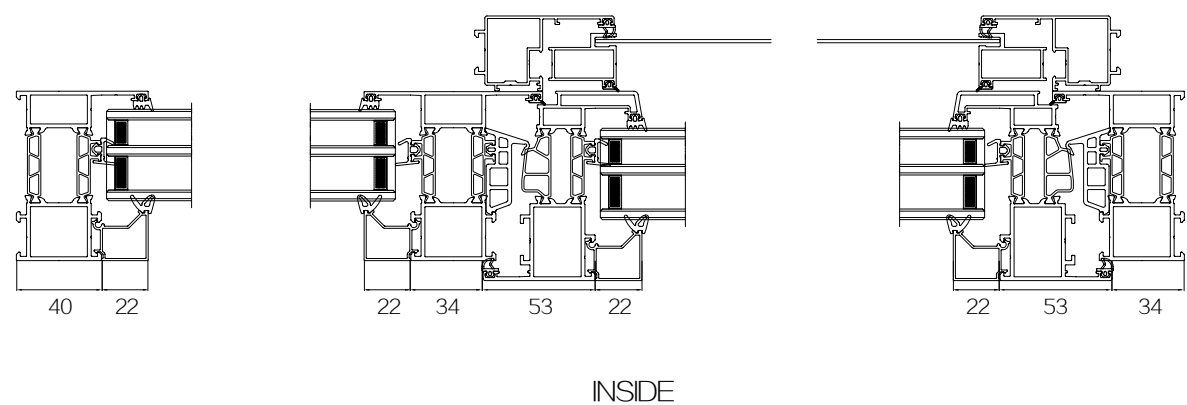
The internal cavities of the frame, stile, and fan are all designed with a rectangular cavity, and the glass pressing line is a cavity structure, which is not easy to deform.

**Insulation system**

# K80 SERIES THERMAL BREAK ALUMINUM WINDOW



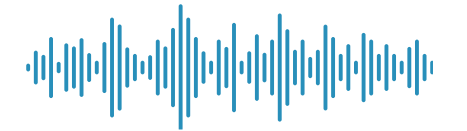
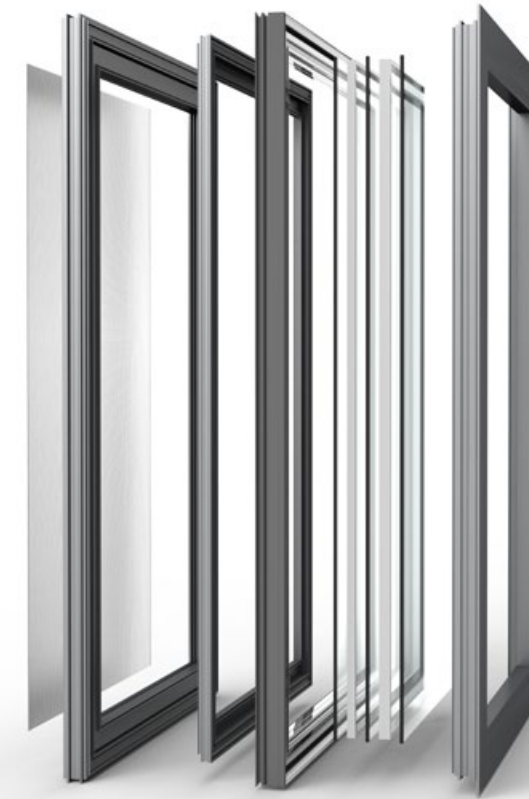
## Product details



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## Simple home life

Create a simple and stylish look. And through the texture of materials and fine craftsmanship to meet the pursuit of high-quality home life.  
The colors are elegant, clean and lively, and leisure and luxury create a strong sense of design.



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## Sound insulation System

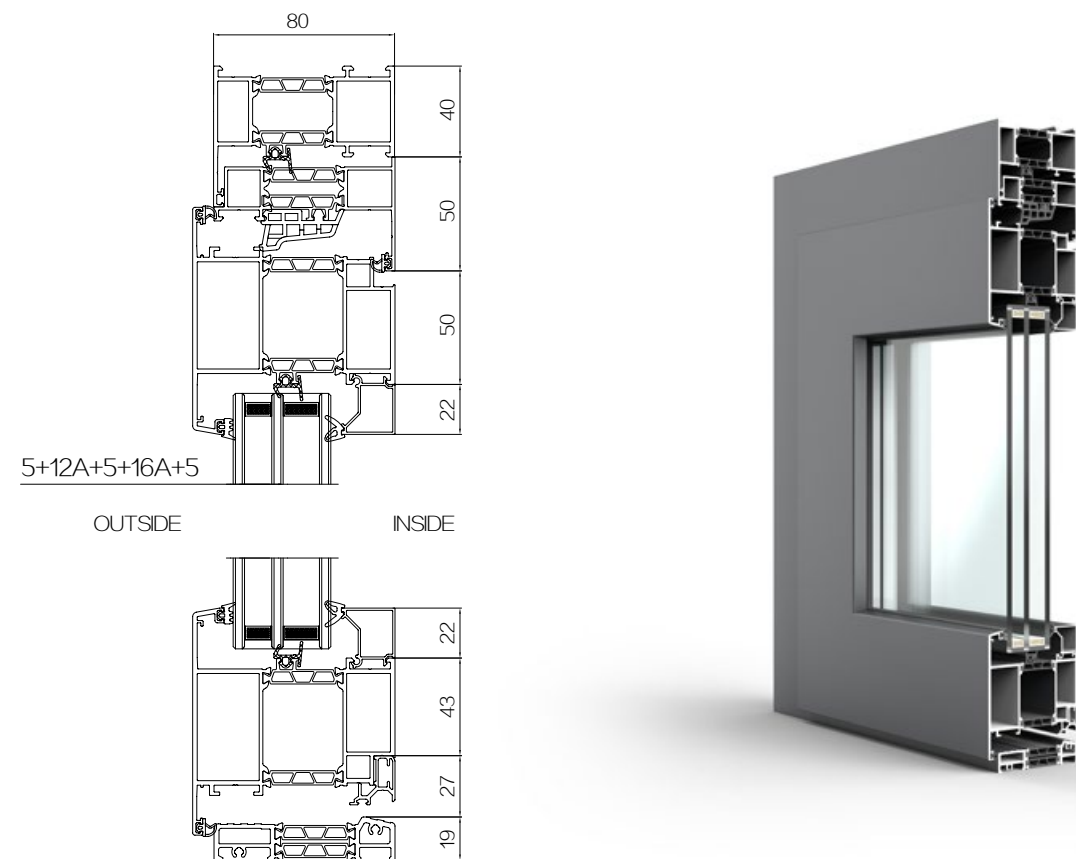
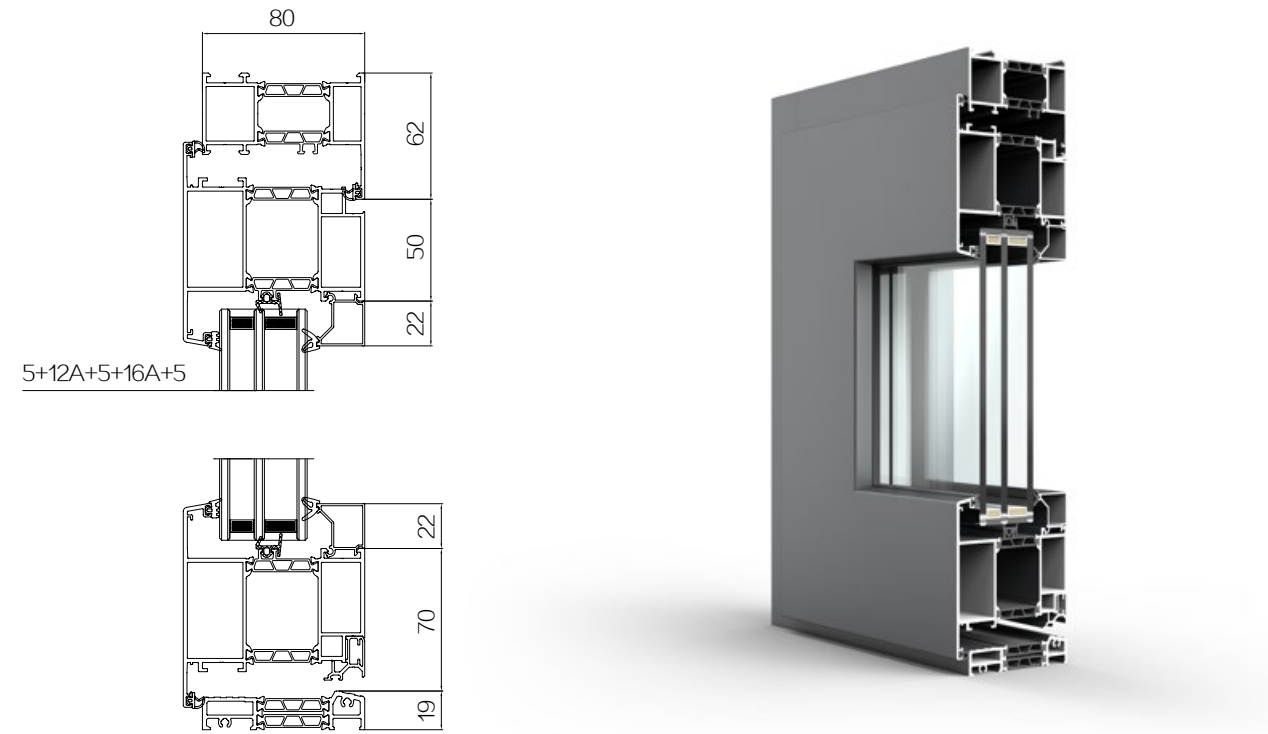
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Standard three-glass two-cavity hollow tempered glass,  
Combined with multi-cavity foamed composite isobar,  
Improve sound insulation performance,  
Let you enjoy deep sleep at ease.

Super sound insulation up to  
**40dB**



# K80 SERIES THERMAL BREAK ALUMINUM WINDOW



## CASEMENT DOORS SERIES

The door frame and door leaf are all spliced at a 45-degree angle, with glue-injected corner code connectors, the connection is firmer and the structure is more stable. The structure of the middle seal is adopted, and the glass is divided into two parts, the drainage cavity and the sealed cavity, to prevent the hidden danger of poor sealing at the sealing position.

**35.3**  
Standard heat insulation strip

**1.8mm**  
German craft profile

# 91 SERIES THERMAL BREAK ALUMINUM CASEMENT WINDOW

**Technical Parameters:** Profile: 6060-T66 aluminum / thickness 1.8mm, local reinforcement 2.0mm.

## Heat insulation strip:

PA66-GF25-S54 high-quality heat insulation strip / standard configuration of heat insulation chamber filled with polyurethane sponge.

## Rubber strip:

high-performance EPDM foam composite sealing strip, standard soft and hard composite co-extruded isobaric rubber strip

**Profile thickness:** outer frame width is 91mm, heat insulation strip is 54mm; panel width is 100mm, heat insulation strip is 54mm.

**Visible surface:** outer frame is 39mm / middle pole is 39mm / opening panel is 57mm.

**Applicable size:** open panel width: 600mm-800mm,height: 600mm-2400mm maximum weight: 80kg

**Glass configuration:** 5mm+16A+5mm+16A+5mm

**Opening method:** glass panel: open to inside/tilt and turn inside/ top-hung window open to inside/bottom-hung window open to inside

## Basic parameters:



Watertight performance  
AS/NZS44201 standard:  
**600Pa**



Wind pressure resistance  
AS/NZS4420.1 standard:  
**± 4000Pa**



Airtightness coefficient:  
**Level 5**



Sound insulation performance  
ISO717 standard:  
**Rw37dB**

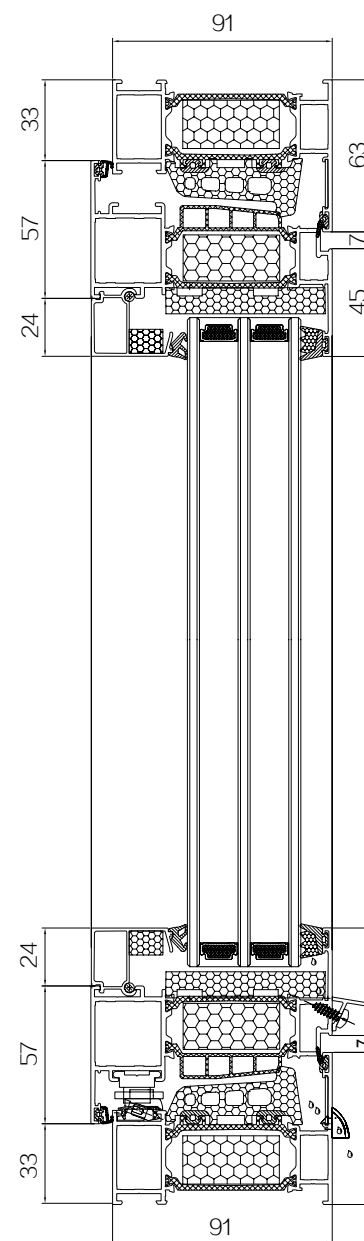


Thermal insulation performance  
AS/NZS44201 standard:  
**Uw1.4W/m2K**

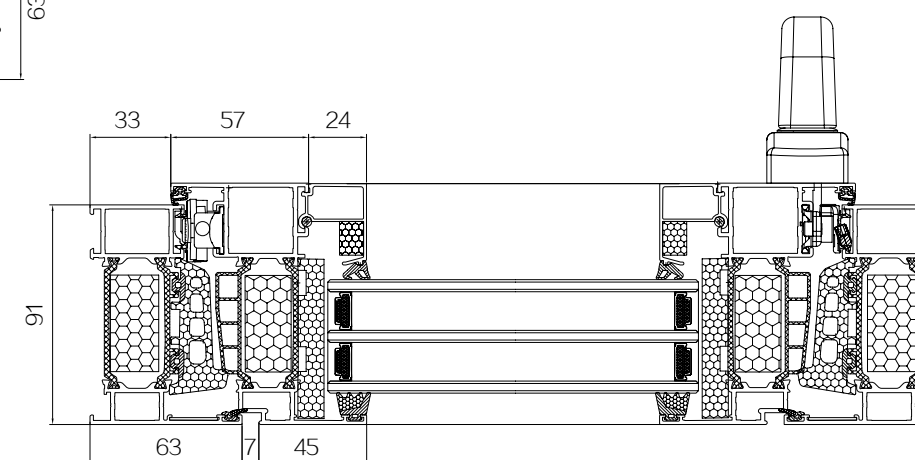
## Product description:

- 1.The glass panel and net panel all open to inside.The standard configuration is hidden drainage. Only the lower frame need drainage positions to have drainage grooves. The flow of rainwater is planned so that the rainwater can be smoothly discharged to the outside. , thereby improving the watertight performance of the entire window. The windows are more beautiful, and the standard drainage hole cover can prevent mosquitoes and insects.
2. The inside of the panel is equipped with rounded corners as standard, and the outside is equipped with safety corner protection, anti-collision, have double protection.
3. Isotherm design, standard configuration filled with polyurethane sponge, reducing heat convection, higher thermal insulation performance
4. Three seals are used to improve the airtightness, watertightness and thermal insulation performance of the whole window and prevent the intrusion of sand and dust.
5. The outside of the glass adopts soft and hard co-extruded composite rubber strips, which have good ability to absorb compression deformation, lower heat transfer coefficient, and the dense layer is closer to the outer side for better sealing effect.
6. Adopt 54mm special-shaped heat insulation strip, and the cavity of the heat insulation strip is made of thermal insulation closed-cell sponge, which can effectively improve the heat convection and heat radiation in the chamber of the heat insulation strip; the foam material is used between the glass and the profile to reduce the Heat radiation and convection in small gaps reduce the linear heat transfer coefficient of glass and profiles. Improve the insulation performance of the whole window.
7. The corners are made of die-cast aluminum corners with high precision; there are two connection methods: bumping the corners or fixing with screws; the two-component corner glue forms a ring seal at the corners to enhance the connection strength and sealing of the corners

# 91 SERIES THERMAL BREAK ALUMINUM CASEMENT WINDOW



OUTSIDE



OUTSIDE



PRODUCT DETAILS



# 96 SERIES ALUMINUM SLIDING DOOR

## Profile thickness:

Frame thickness: 1.4mm Fan thickness: 1.4mm

## Product configuration:

The maximum size of single fan can be made:

fan width ≤ 1300mm fan height ≤ 2600mm maximum fan weight: 80kg

## Glass:

5mm + 12A +5mm double layer tempered insulating glass

## Grills: normal square grills

- 1.304 stainless steel net, standard color is black, silver color is optional
- 2.The 96 series is equipped with stainless steel rails for doors, and aluminum alloy rails for windows.
- 3.96 series two-track and three-track can be selected: high track or low track
- 4.The corner angle can be 90° and 135°

## Basic parameters:



Thermal insulation coefficient:  
**Uw25W/m2K**



Wind pressure resistance coefficient:  
**+2000Pa**



Water tightness coefficient:  
**+300Pa**



Air tightness coefficient:  
**Level 3**

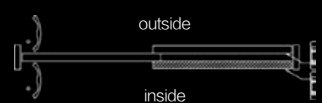


Sound insulation coefficient:  
**Rw up to 25dB**

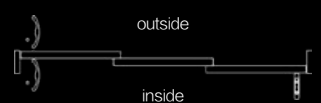
## Product description:

- 1.The cavity adopts EPDM sealing tape, which is not easy to age and is durable, and achieves a more comprehensive sealing effect.
- 2.Equipped with 5+12A+5 hollow tempered glass, it can effectively reduce the resonance effect of sound waves, and has a good sound insulation effect and complete functions.
- 3.Sliding fly screen/mosquito net can be added: it can be placed indoors and outdoors.

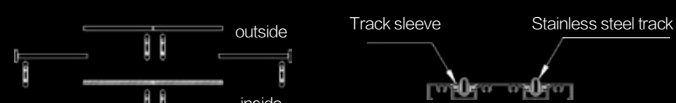
### Three track two + screen door



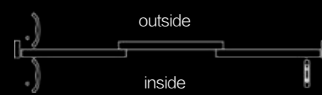
### Three rails and three fans



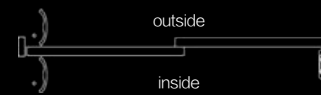
### Three rails and four leaves + screen door



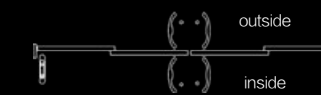
### Two rails and three fans



### Two rails and two fans



### Two rails and four leaves + screen door



# HARDWARE CONFIGURATION



— Multipoint lock —



— Lock cylinder —



— Lock bag five piece set —



— Anti swing wheel —



— Lock body —



— Pulley double wheel —

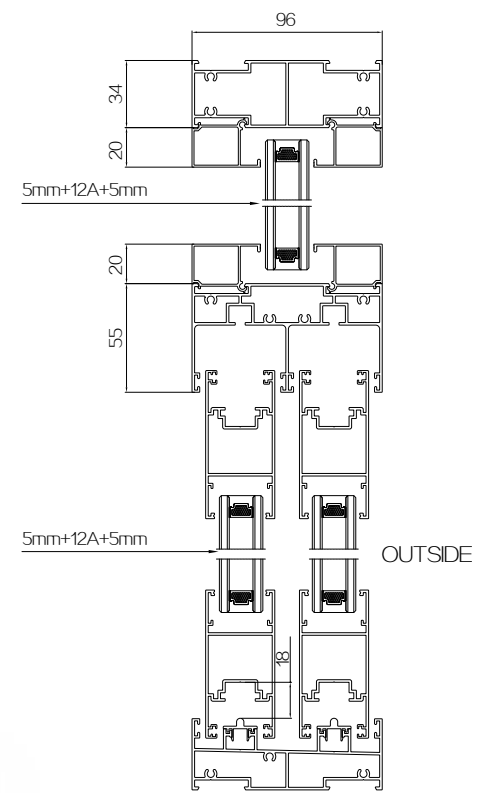


— Lock cylinder cover —

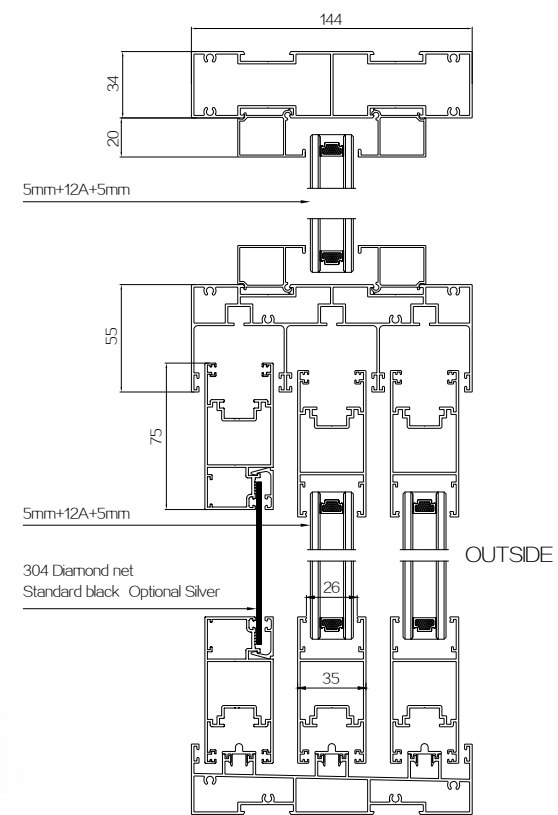
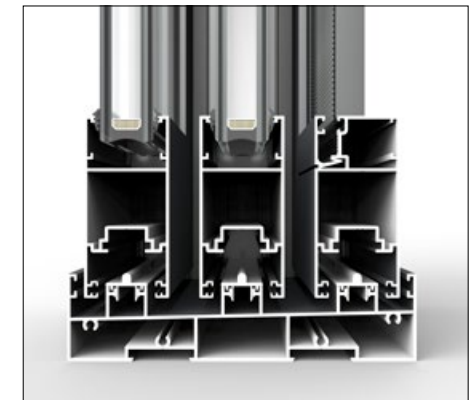
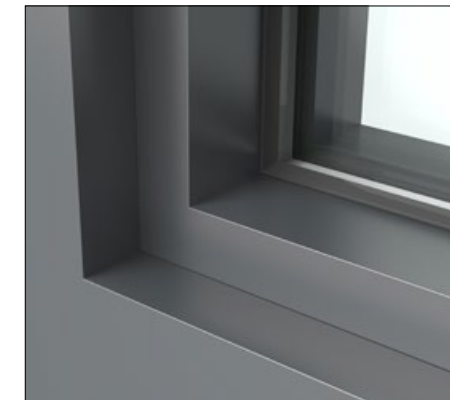


— Frame panel —

# 96 SERIES ALUMINUM SLIDING DOOR



## PRODUCT DETAILS



# 120 SERIES

## THERMAL BREAK ALUMINUM SLIDING WINDOW WITH NET

### Product configuration :

#### 120 thermal break aluminum series when making windows:

fan width: 500mm-1500mm    fan height: 800mm-1500mm    Maximum fan weight: 60kg

#### 120 thermal break aluminum series when making doors:

fan width: 600mm-1200mm    fan height: 1800mm-2400mm    Maximum fan load: 80kg

**Glass:** 5mm+20A+5mm double tempered insulating glass

**Grills:** normal square grid strips (20A hollow)

**Blinds:** magnetic blinds

### Basic parameters:



Thermal insulation coefficient:  
**Uw2.6W/m2K**



Wind pressure resistance coefficient:  
**±2500Pa**



Water tightness coefficient:  
**+400Pa**



Air tightness coefficient:  
**Level 4**

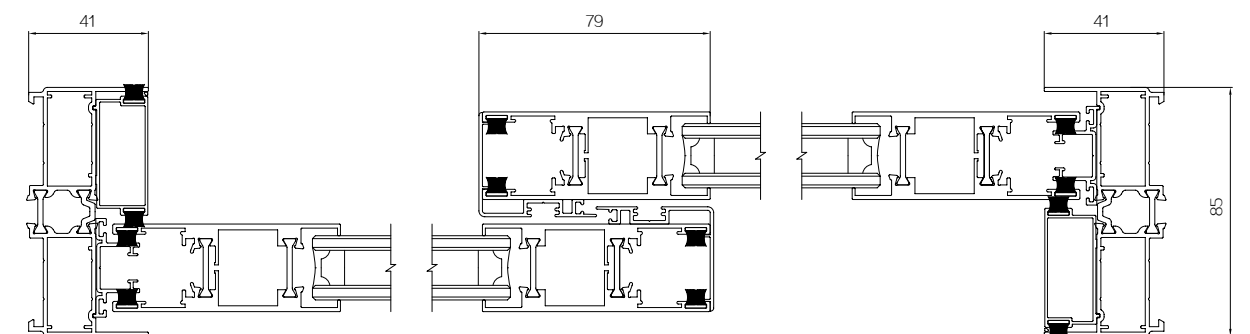
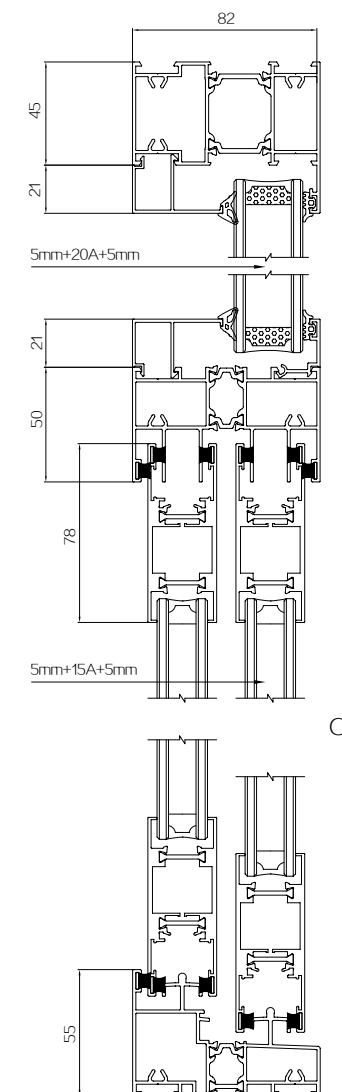
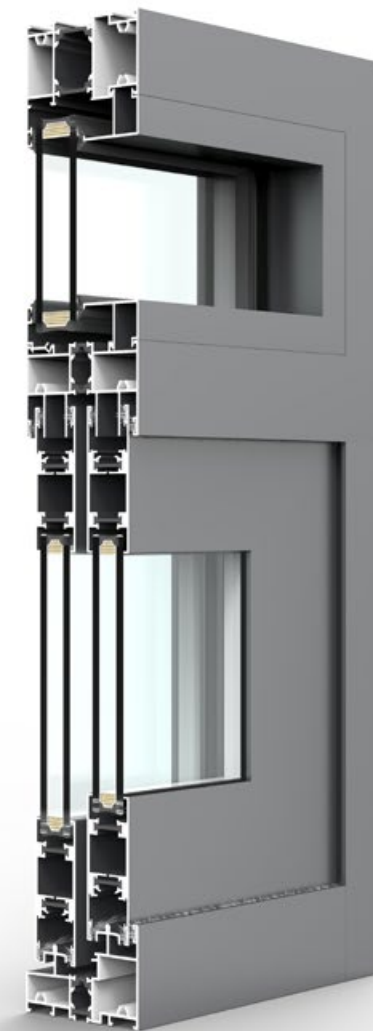


Sound insulation coefficient:  
**Rw up to 30dB**

### Product description:

1. Material design adopts European standard notch to meet the versatility of accessories on the market.
2. Double-layer (5+20A+5) fully sealed hollow automotive-grade safety glass, double-layer sealing, better sealing; can effectively reduce the resonance effect of sound waves, and has good sound insulation and heat insulation effects.
3. High safety performance, single-sided one-word multi-point lock structure design, can be equipped with double-sided locks to achieve good anti-theft effect.
4. Hollow glass can be freely equipped with magnetically controlled hollow shutters to achieve two-way selection of lighting and sunshading.

# 120 SERIES THERMAL BREAK ALUMINUM SLIDING WINDOW WITH NET



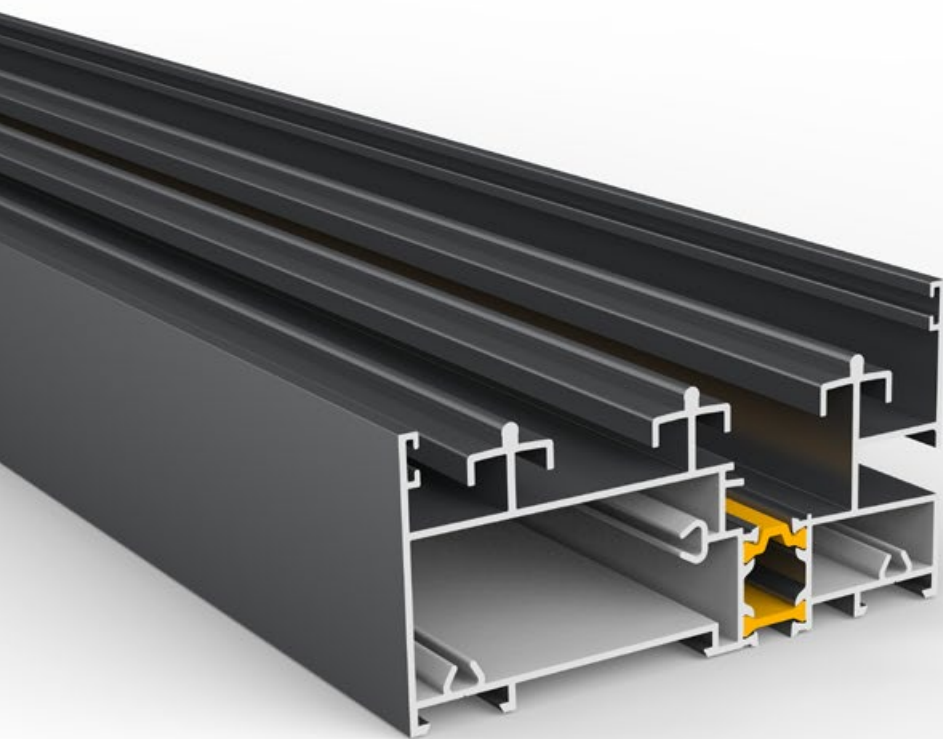
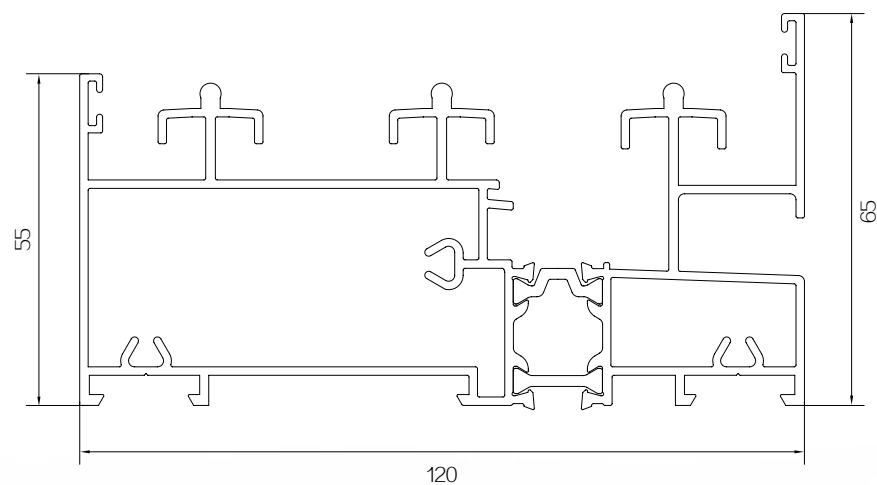
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# 120 SERIES

THERMAL BREAK ALUMINUM  
SLIDING WINDOW WITH NET

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Optional lower rail:



# 110 SERIES THERMAL BREAK ALUMINUM CASEMENT WINDOW WITH NET

## Product configuration:

### Profile thickness:

Frame thickness: 1.8mm

Fan thickness: 2.0mm

Fan width: 450mm-800mm

Fan height: 600mm-2000mm

Maximum load: 80kg

**Glass:** 5+20A+5 double-layer tempered hollow glass

**Blinds:** standard magnetic control hollow blinds

## Basic parameters:



Thermal insulation coefficient:  
**Uw2.5W/m2K**



Wind pressure resistance coefficient:  
**+2500Pa**



Water tightness coefficient:  
**+500Pa**



Air tightness coefficient:  
**Level 5**



Sound insulation coefficient:  
**Rw up to 30dB**

## Product description:

1. The frame width is 110mm, 14.8mm heat insulation strip is used, and nylon heat insulation strip (PA66GF25) is used, which has excellent heat insulation performance.
2. Double layer (5+20A+5) fully sealed hollow automobile-grade safety glass, which can be used as inner yarn and outer glass, double-layer sealing, better sealing;
3. It can effectively reduce the resonance effect of sound waves and has a good sound insulation effect.
4. Standard C-slot accessories on the general market, systematic design of rubber strips, seals, hardware and other accessories, realize the superior performance of door and window products, and ensure good air-tightness and water-tightness.
5. Insulating glass can be freely equipped with magnetically controlled hollow louvers to realize two-way selection of lighting and shading.
6. Diversified design of appearance and function, novel visual effect, filled with polymer thermal insulation material in the cavity, detailed design is fully upgraded, and product performance is improved.
7. The independent drainage system design of frame and fan can effectively improve the water tightness of the whole window and prevent rainwater from ingressing. The outer frame adopts a hidden drainage scheme, and the overall design is simple and elegant.

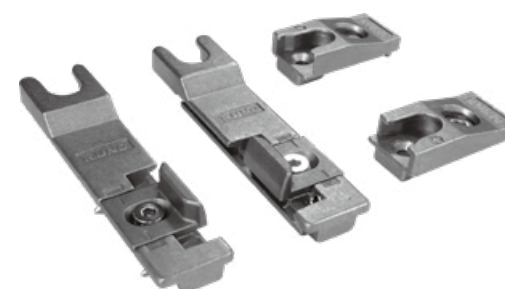
## HARDWARE CONFIGURATION



Upper and lower hinge



Transmission box



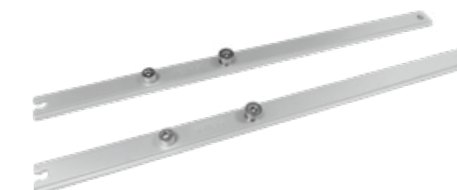
Lock block + side drive rod



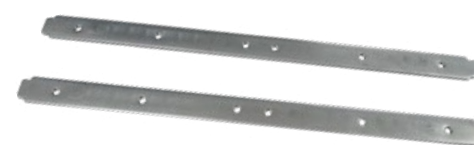
Friction stay



Lock body



Aluminum drive rod

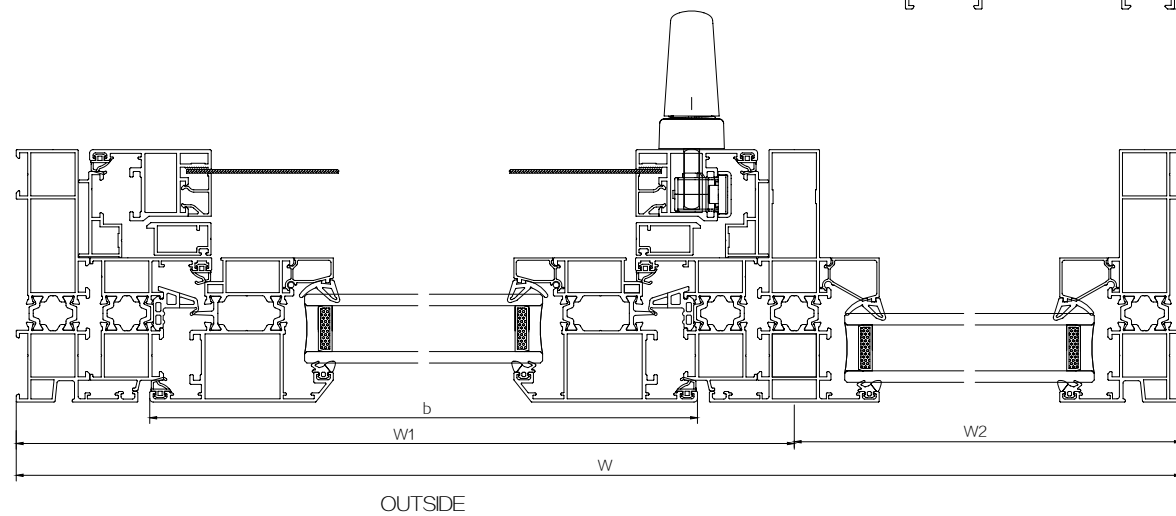
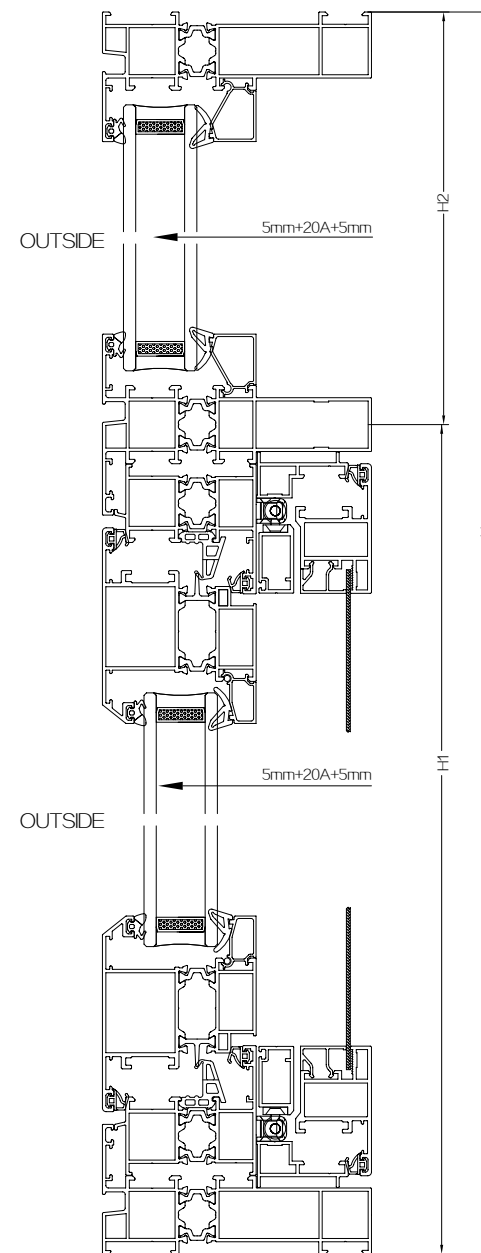


Aluminum connector



Frame panel

**110** SERIES THERMAL BREAK ALUMINUM CASEMENT WINDOW WITH NET



**SIMPLICITY LIFE**

Find a home to store your busy heart, without the noise and irritability of the world,  
Without the worldly complexity and helplessness, find your heart and make life easier and simpler.



Product details



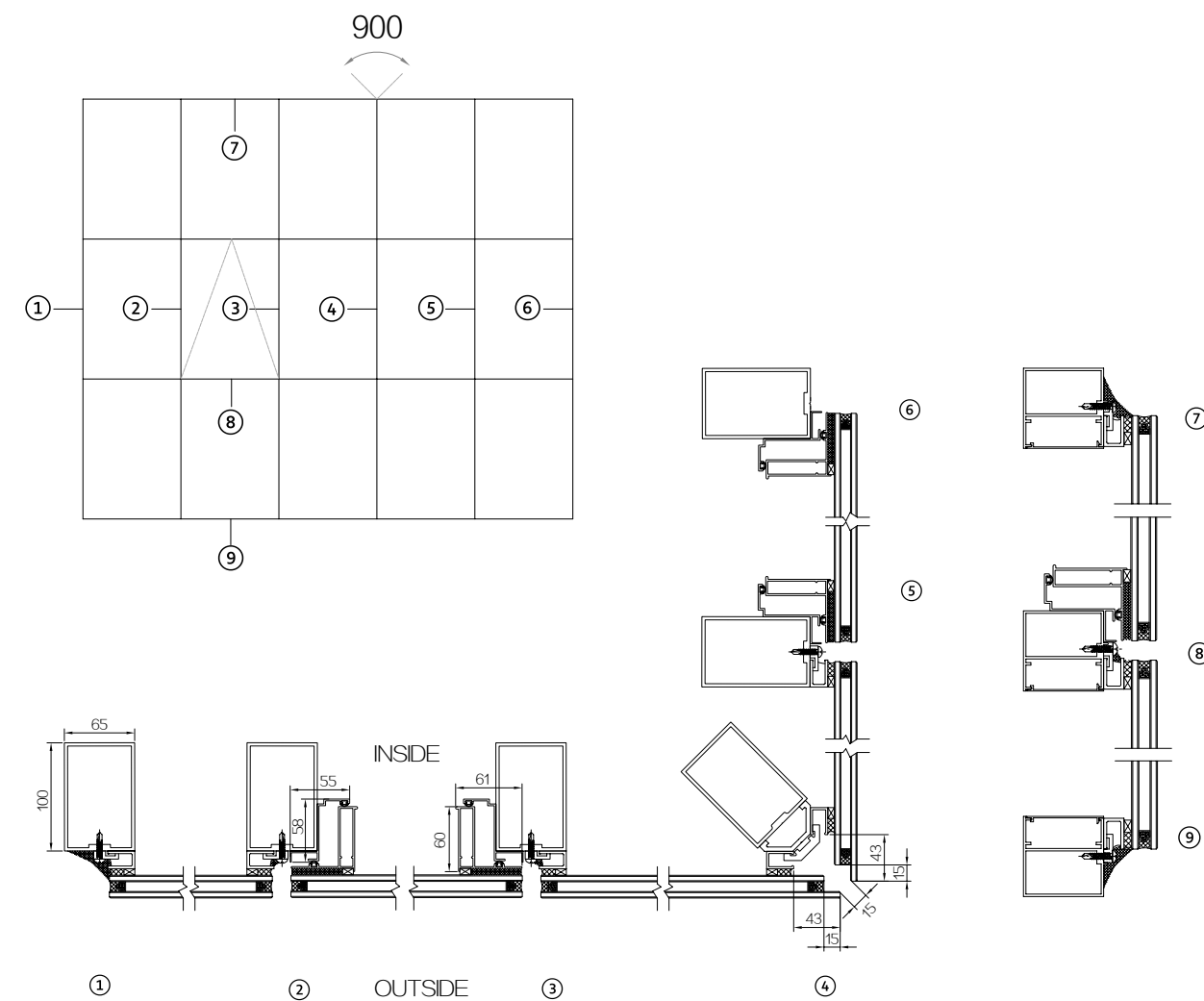
KEEP IMPROVING  
MANUFACTURING PROCESS

Continuously innovative R&D technology, excellent manufacturing process.  
The ingenious details touched people's yearning for a perfect life.

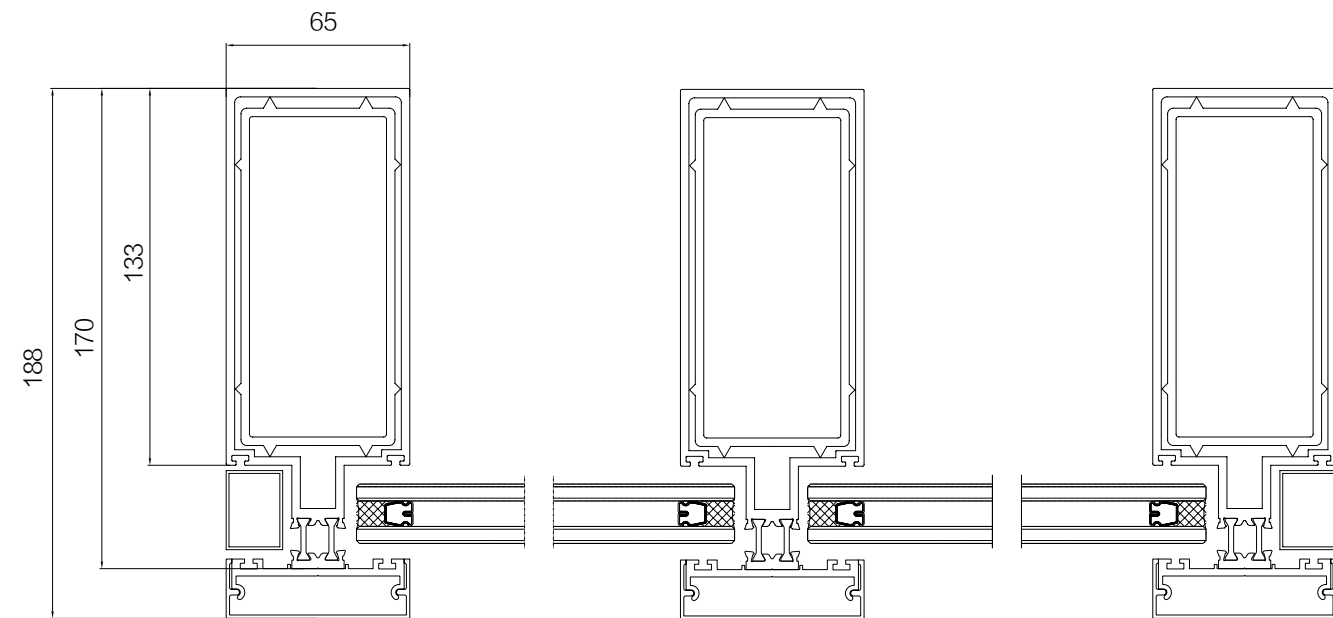
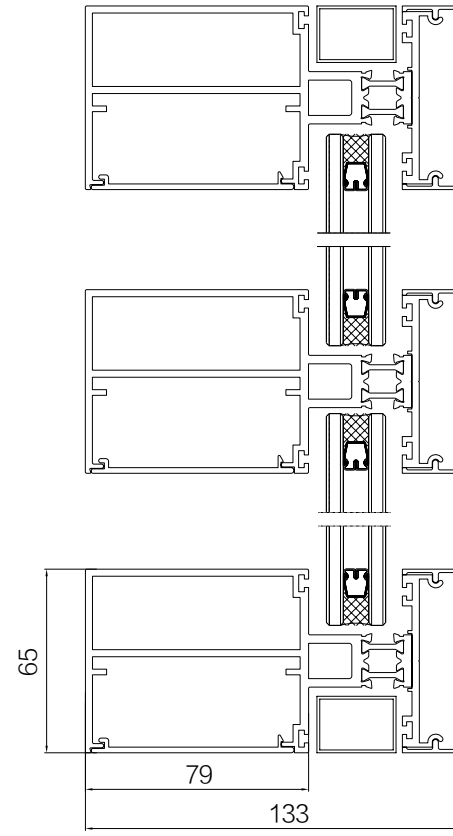
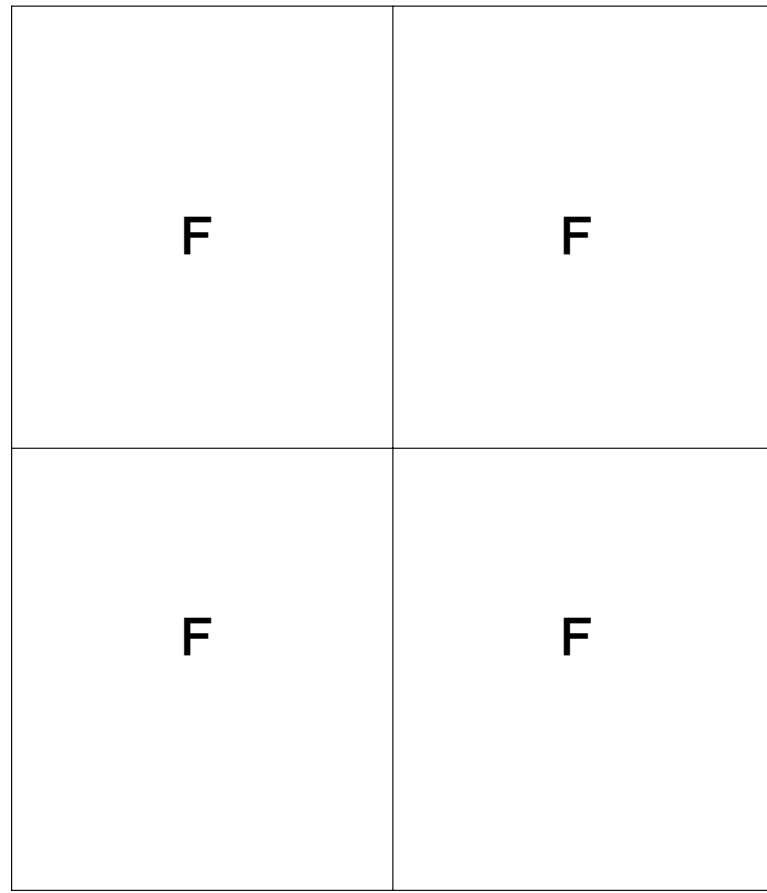
# 100 \* 65 INVISIBLE ALUMINUM CURTAIN WALL

## Main features of frame type (element type) curtain wall

1. The construction method is flexible and the process is relatively mature. After many engineering practice tests, it is the most adopted curtain wall structure at present.
2. The main structure has strong adaptability, and the installation sequence is basically not affected by the main structure.
3. The joint is treated with sealant, with good water tightness and air tightness, good thermal insulation, sound insulation and noise reduction capacity, and certain resistance to interlayer displacement.
4. Panel materials and unit components are manufactured in the factory, and the service performance of structural adhesive is guaranteed.



**147\*65** THERMAL BREAK ALUMINUM  
VISIBLE CURTAIN WALL



# ART Of Architecture

In addition to transparent, livable and beautiful functions, it also has more functions,

It is important to have energy-saving and safety features. Building curtain wall,

The wall usually bears more than 65% of the energy-saving effect of the building,

The building has a strong displacement and deformation ability because of the building curtain wall,

Strong resistance to deformation and earthquake resistance.

Whether in the garden or on the terrace,  
our doors and windows tailor-made the exclusive sunshine room shape for you.

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## Customize Your space

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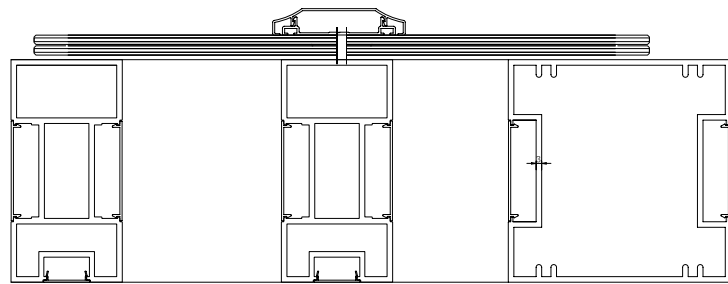
**Return to nature and feel life**



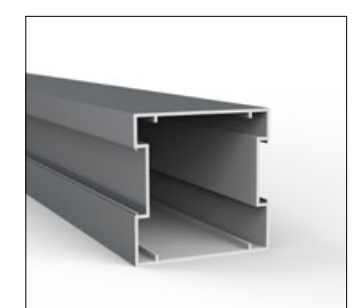
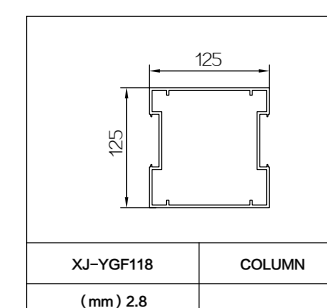
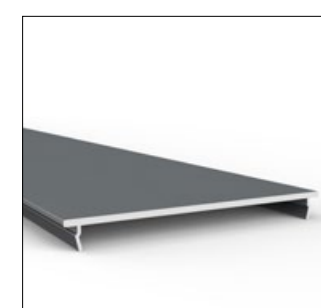
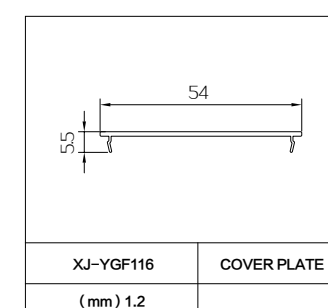
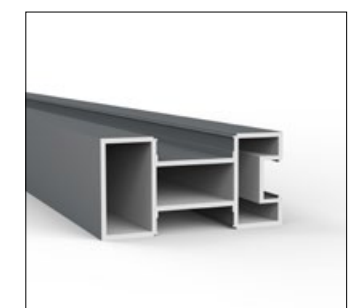
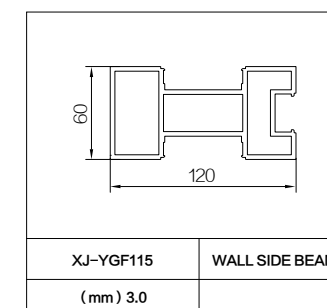
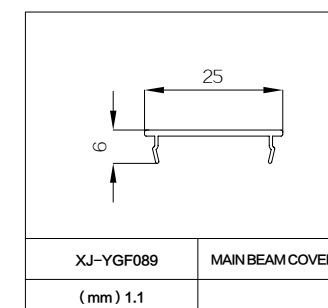
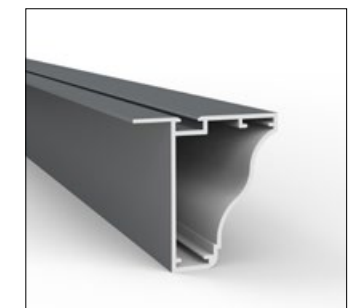
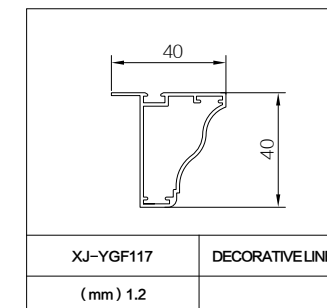
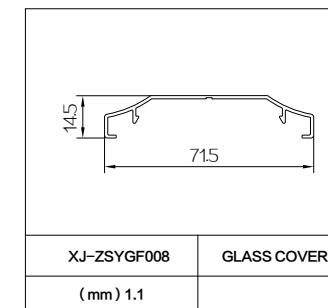
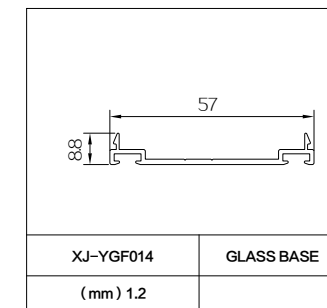
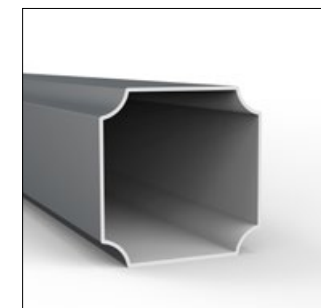
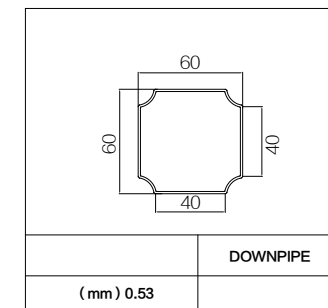
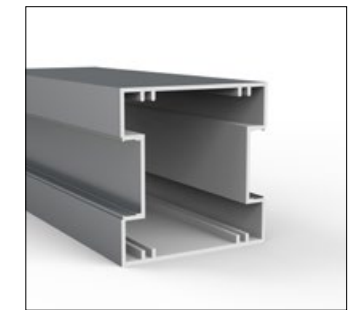
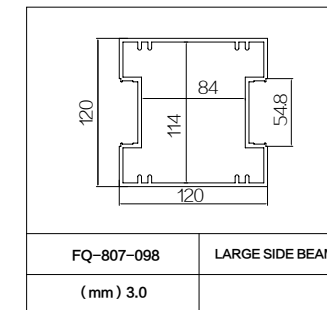
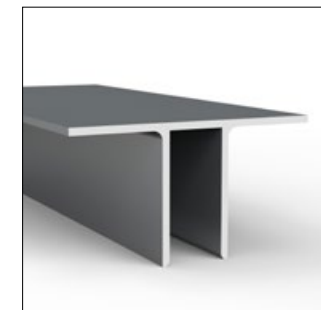
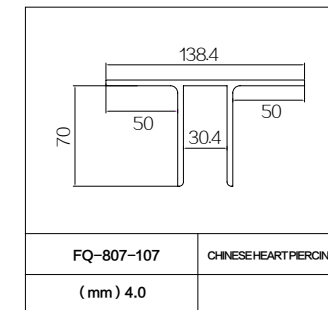
# 120 SERIES ALUMINUM SUNROOM WITH LIGHT

## Product characteristics of sunshine house

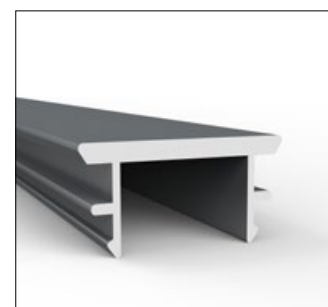
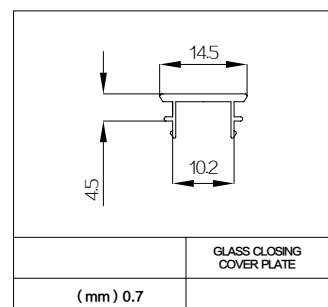
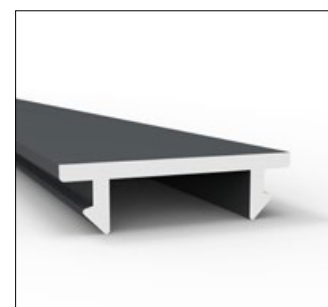
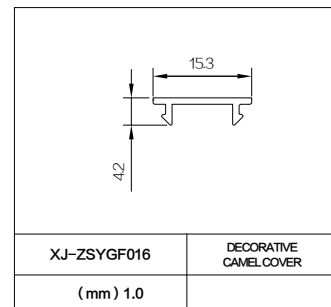
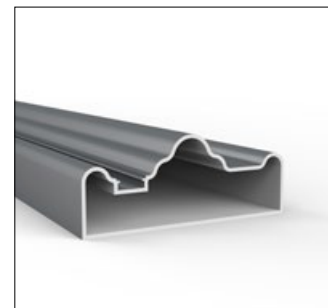
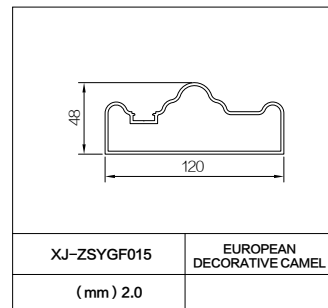
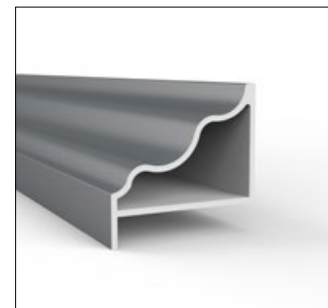
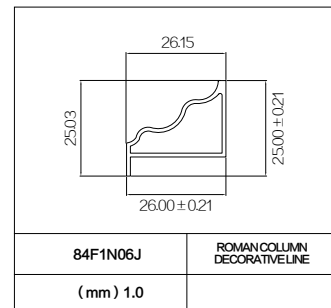
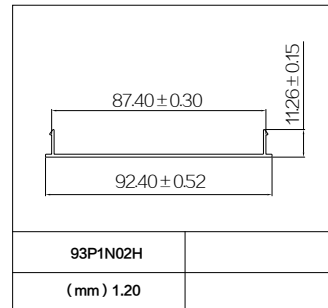
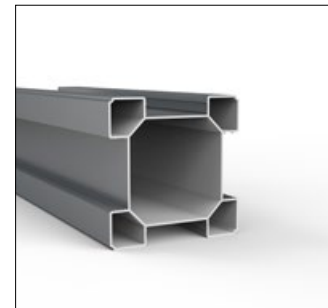
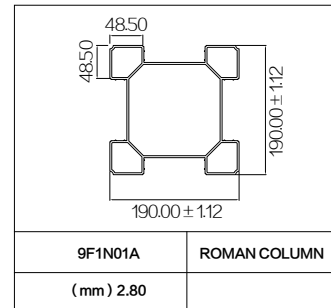
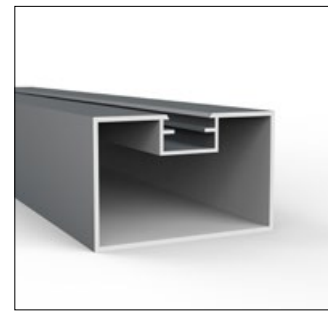
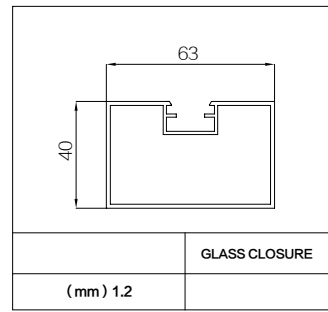
The New Chinese Classical style is based on the background of Chinese traditional classical culture, creating a Chinese-style living space. Mahogany, blue and white porcelain, purple sand teapots and some mahogany crafts all reflect the strong oriental beauty. The New Chinese style pays great attention to the sense of hierarchy of space. Through this new separation method, using Chinese-style screens or window frames, it shows the hierarchical beauty of Chinese families.



CONTAINING  
**LAMPS**



# 120 SERIES ALUMINUM SUNROOM WITH LIGHT



# 120 SERIES ALUMINUM SUNROOM EUROPEAN-STYLE

