

PromateX

JN

Windows & Doors

ALUMINUM ALLOY DOORS AND WINDOWS SERIES

Advantages Of Aluminum Alloy Doors And Windows

1. Lightweight, High Strength, and Stability

The proportion of aluminum alloy profiles is only one-third of that of steel. Through the design of hollow thin-walled composite sections, it not only reduces weight but also maintains high bending strength, which is 50% lighter than traditional steel doors and windows.

2. Excellent Sealing Performance

By using extrusion molding technology and rubber sealing strips, it effectively isolates air infiltration and rainwater leakage, especially suitable for windy and rainy areas.

3. Durability And Low Maintenance

The surface oxide layer has the ability to resist ultraviolet radiation and acid rain corrosion, and its service life can reach more than 30 years.

4. Energy Saving And Environmental Protection Features

The broken bridge aluminum profile blocks heat conduction through PA66 nylon strips, reducing energy consumption by about 30%.

5. Aesthetic Expressiveness

The surface treatment process supports various colors and wood grain, with numerous surface treatment solutions available.

6. Security Protection Capability

By strengthening the mullion and multiple locking point design, it can withstand a level 12 typhoon.



JC62

CASEMENT WINDOW SERIES

INTERNAL OPENING

Product Parameters

Thickness	1.8mm
Bearing	100kg
Blade width	450mm-1200mm
Blade height	500mm-2100mm
Standard glass	5T+12A+5T
Hardware	TODN

Derivative products:
Awning window/Tilt and turn window/Intelligent casement windows



Basic parameters:



Thermal insulation performance:
UW 2.0-2.5W/m²K



Wind pressure resistance performance:
+4500Pa



Sound insulation performance:
Rw up to 40dB



Water tightness performance:
+700Pa



JC62

CASEMENT WINDOW SERIES

EXTERNAL OPENING

Product Parameters

Thickness	1.8mm
Bearing	60kg
Blade width	450mm-1200mm
Blade height	500mm-2100mm
Standard glass	5T+12A+5T
Hardware	TODN

Derivative products:
Crank windows/Awning window/Tilt and turn window/Intelligent casement windows



Basic parameters:



Thermal insulation performance:
UW 2.0-2.5W/m²K



Wind pressure resistance performance:
+4500Pa



Sound insulation performance:
Rw up to 40dB



Water tightness performance:
+700Pa

JM62

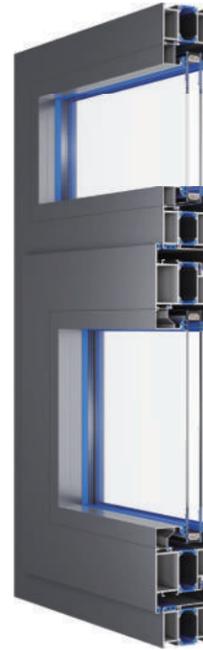
CASEMENT DOOR SERIES

INTERNAL OPENING

Product Parameters

Thickness	2.2mm
Bearing	150kg
Blade width	600mm-1200mm
Blade height	1800mm-2600mm
Standard glass	5T+12A+5T
Hardware	TODN

Derivative products:
Tilt & slide door/Intelligent swing door



Basic parameters:



Thermal insulation performance:
 $UW 2.0-2.5W/m^2K$



Wind pressure resistance performance:
 $+4500Pa$



Sound insulation performance:
 Rw up to 40dB



Water tightness performance:
 $+700Pa$



JM62

CASEMENT DOOR SERIES

EXTERNAL OPENING

Product Parameters

Thickness	2.2mm
Bearing	150kg
Blade width	600mm-1200mm
Blade height	1800mm-2600mm
Standard glass	5T+12A+5T
Hardware	TODN

Derivative products:
Tilt & slide door/Intelligent swing door



Basic parameters:



Thermal insulation performance:
 $UW 2.0-2.5W/m^2K$



Wind pressure resistance performance:
 $+4500Pa$



Sound insulation performance:
 Rw up to 40dB



Water tightness performance:
 $+700Pa$

JC77

CASEMENT WINDOW SERIES

INTERNAL OPENING

Product Parameters

Thickness	1.8mm
Bearing	100kg
Blade width	450mm-1200mm
Blade height	500mm-2200mm
Standard glass	5T+12A+5T+12A+5T
Hardware	TODN

Derivative products:
Crank windows/Awning window/Tilt and turn window/Intelligent casement windows



Basic parameters:



Thermal insulation performance:
UW 1.2-1.5W/m²K



Wind pressure resistance performance:
+5000Pa



Sound insulation performance:
Rw up to 40dB



Water tightness performance:
+700Pa



JC77

CASEMENT WINDOW SERIES

EXTERNAL OPENING

Product Parameters

Thickness	1.8mm
Bearing	60kg
Blade width	450mm-1200mm
Blade height	500mm-2200mm
Standard glass	5T+12A+5T+12A+5T
Hardware	TODN

Derivative products:
Crank windows/Awning window/Tilt and turn window/Intelligent casement windows



Basic parameters:



Thermal insulation performance:
UW 1.2-1.5W/m²K



Wind pressure resistance performance:
+5000Pa



Sound insulation performance:
Rw up to 40dB



Water tightness performance:
+700Pa

JM77

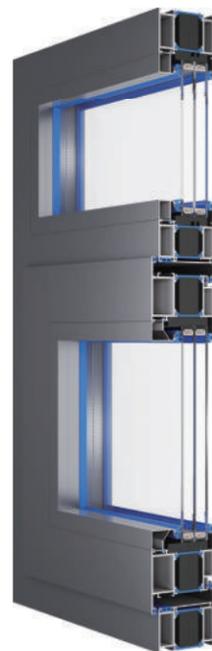
CASEMENT DOOR SERIES

INTERNAL OPENING

Product Parameters

Thickness	2.2mm
Bearing	150kg
Blade width	600mm-1200mm
Blade height	1800mm-2600mm
Standard glass	5T+12A+5T+12A+5T
Hardware	TODN

Derivative products:
Tilt & slide door/Intelligent swing door



Basic parameters:



Thermal insulation performance:
UW 1.2-1.5W/m²K



Wind pressure resistance performance:
+5000Pa



Sound insulation performance:
Rw up to 40dB



Water tightness performance:
+700Pa



JM77

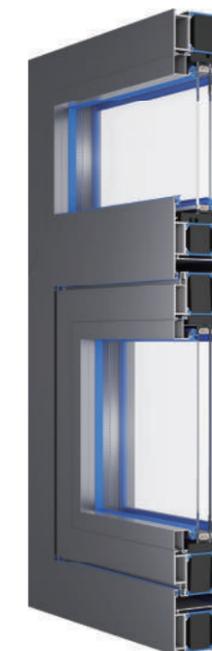
CASEMENT DOOR SERIES

EXTERNAL OPENING

Product Parameters

Thickness	2.2mm
Bearing	150kg
Blade width	600mm-1200mm
Blade height	1800mm-2600mm
Standard glass	5T+12A+5T+12A+5T
Hardware	TODN

Derivative products:
Tilt & slide door/Intelligent swing door



Basic parameters:



Thermal insulation performance:
UW 1.2-1.5W/m²K



Wind pressure resistance performance:
+5000Pa



Sound insulation performance:
Rw up to 40dB



Water tightness performance:
+700Pa

AQ110

CASEMENT WINDOW SERIES

INTERNAL OPENING

Product Parameters

Thickness	1.8mm
Bearing	100kg
Blade width	540mm-1200mm
Blade height	600mm-2000mm
Standard glass	5T+15A+5T
Hardware	HOPO

Derivative products:
Awning window/Tilt and turn window/Intelligent casement window



Basic parameters:



Thermal insulation performance:
 $UW 2.0-2.5W/m^2K$



Wind pressure resistance performance:
 $+4980Pa$



Sound insulation performance:
 Rw up to 35dB



Water tightness performance:
 $+650Pa$



AQ110

CASEMENT WINDOW SERIES

EXTERNAL OPENING

Product Parameters

Thickness	1.8mm
Bearing	80kg
Blade width	500mm-750mm
Blade height	600mm-1500mm
Standard glass	5T+15A+5T
Hardware	HOPO

Derivative products:
Awning window/Tilt and turn window/Intelligent casement window



Basic parameters:



Thermal insulation performance:
 $UW 2.0-2.5W/m^2K$



Wind pressure resistance performance:
 $+4980Pa$



Sound insulation performance:
 Rw up to 35dB



Water tightness performance:
 $+650Pa$

JC50L

CASEMENT WINDOW SERIES

INTERNAL OPENING

Product Parameters

Thickness	1.4mm
Bearing	80kg
Blade width	540mm-1200mm
Blade height	600mm-1800mm
Standard glass	5mm
Hardware	CHUGN

Derivative products:
Crank windows/Awning window/Tilt and turn window/Intelligent casement windows



Basic parameters:



Thermal insulation performance:
UW 2.8-4.2W/m²K



Wind pressure resistance performance:
+4500Pa



Sound insulation performance:
Rw up to 30dB



Water tightness performance:
+600Pa



JC50L

CASEMENT WINDOW SERIES

EXTERNAL OPENING

Product Parameters

Thickness	1.4mm
Bearing	50kg
Blade width	500mm-750mm
Blade height	600mm-1500mm
Standard glass	5mm
Hardware	CHUGN

Derivative products:
Crank windows/Awning window/Tilt and turn window/Intelligent casement windows



Basic parameters:



Thermal insulation performance:
UW 2.8-4.2W/m²K



Wind pressure resistance performance:
+4500Pa



Sound insulation performance:
Rw up to 30dB



Water tightness performance:
+600Pa

JT80L

SLIDING WINDOW SERIES



Product Parameters

Thickness	1.2mm
Bearing	45kg
Blade width	400mm-700mm
Blade height	600mm-1800mm
Standard glass	5mm
Hardware	CHUGN

Basic parameters:



Thermal insulation performance:
UW 3.0-4.5W/m²K



Wind pressure resistance performance:
+4000Pa



Sound insulation performance:
Rw up to 30dB



Water tightness performance:
+500Pa



JT140

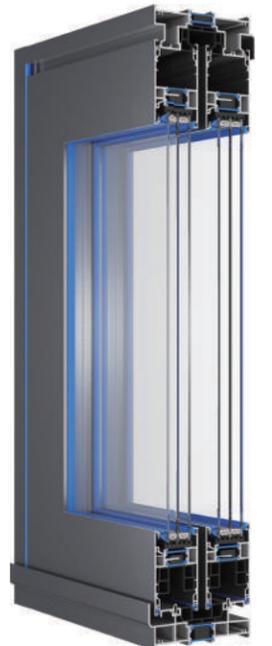
SLIDING DOOR SERIES

REGULAR SLIDING

Product Parameters

Thickness	2.2mm
Bearing	240kg
Blade width	800mm-1200mm
Blade height	1800mm-2400mm
Standard glass	5T+12A+5T+12A+5T
Hardware	TODN

Derivative products:
Intelligent sliding door/Intelligent lift sliding door



Basic parameters:



Thermal insulation performance:
UW 1.7-2.3W/m²K



Wind pressure resistance performance:
+4000Pa



Sound insulation performance:
Rw up to 35dB



Water tightness performance:
+450Pa

JT140

SLIDING DOOR SERIES

LIFT SLIDING

Product Parameters

Thickness	2.2mm
Bearing	600kg
Blade width	1200mm-3300mm
Blade height	2000mm-2765mm
Standard glass	5T+12A+5T+12A+5T
Hardware	TODN

Derivative products:
Intelligent sliding door/Intelligent lift sliding door



Basic parameters:



Thermal insulation performance:
UW 1.7-2.3W/m²K



Wind pressure resistance performance:
+4000Pa



Sound insulation performance:
Rw up to 35dB



Water tightness performance:
+350Pa



JQ135H

SLIDING DOOR SERIES

PANORAMIC SLIDING DOOR

Product Parameters

Thickness	2.8mm
Bearing	300kg
Blade width	1200mm-2500mm
Blade height	2000mm-2700mm
Standard glass	5T+24A+5T
Hardware	independently developed

Derivative products:
Intelligent panoramic door



Basic parameters:



Thermal insulation performance:
UW 2.5-3.0W/m²K



Wind pressure resistance performance:
+3800Pa



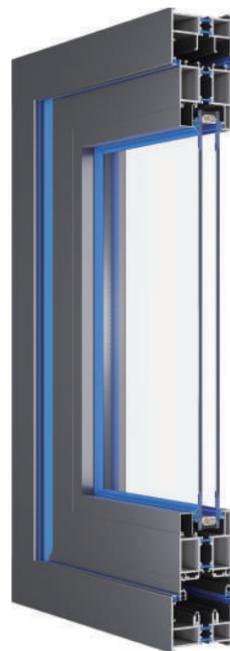
Sound insulation performance:
Rw up to 38dB



Water tightness performance:
+400Pa

JZ73

FOLDING WINDOW AND DOOR SERIES



Product Parameters

Thickness	1.8mm
Bearing	120kg
Blade width	550mm-1000mm
Blade height	2000mm-2400mm
Standard glass	5T+12A+5T
Hardware	CHUGN

Basic parameters:



Thermal insulation performance:
UW 2.0-2.5W/m²K



Wind pressure resistance performance:
+3500Pa



Sound insulation performance:
Rw up to 35dB



Water tightness performance:
+400Pa



TC50

SKYLIGHT SERIES

Product Parameters

Thickness	1.8mm
Bearing	50kg
Blade width	500mm-1800mm
Blade height	500mm-1800mm
Standard glass	5+0.76pvb+5
Hardware	independently developed



Basic parameters:



Thermal insulation performance:
UW 2.5-3.5W/m²K



Wind pressure resistance performance:
+3800Pa



Sound insulation performance:
Rw up to 35dB



Water tightness performance:
+400Pa



INTELLIGENT SYSTEM

Built in Intelligent window opening system



Innovative built-in Intelligent window opening system with automatic sensing technology, Intelligent opening and closing, no need for manual operation.

Maintain indoor and outdoor air circulation to enhance comfort. Enjoy smart living with just one touch.

External photovoltaic lithium battery Intelligent window opening system



The innovative external photovoltaic lithium battery Intelligent window opening system can be easily installed on traditional system windows, upgrading them to Intelligent windows.

Utilizing solar energy for continuous power supply, achieving automatic opening and closing control, and optimizing indoor comfort. Easy to install, revitalizing traditional windows and ushering in the era of smart homes.

Intelligent metal rotary remote control



The Intelligent metal rotary remote control has a unique appearance and powerful functions. The perfect combination of curved glass and curved metal.

Easy one to multi terminal control of smart window devices, including functions such as switch, pause, inward tilt, child lock, etc. Easy to operate, fully enjoy the fun of Intelligent life.

Intelligent light rain sensor



Innovative Intelligent light rain sensors enable windows to automatically adjust intelligently, sensing light and rainfall, automatically controlling window opening and closing, and creating a comfortable environment for users.

INTELLIGENT METAL ROTARY REMOTE CONTROL

Unique appearance, powerful functions. The perfect combination of curved glass and curved metal. Easy one to multi terminal control of smart window devices, including functions such as switch, pause, inward tilt, child lock, etc. Easy to operate, enjoy the fun of smart living.



Wide anti slip base

Adopting biomimetic fingerprint design ensures stable use of the product, even on wet and slippery surfaces, providing a safer and more reliable user experience.



Stainless steel mechanical emergency handle

Manual operation, independent of electricity or other automation systems, reliable in case of faults or other emergency situations.



UPVC DOORS AND WINDOWS SERIES

Advantages of UPVC Windows and Doors

1. Excellent Thermal Insulation and Energy Efficiency

Multi-chamber structure design with low thermal conductivity (1/4.5 of steel), effectively blocking heat transfer and reducing energy consumption.

2. Outstanding Sound Insulation

Reduces noise by over 30 dB, ideal for noisy environments like traffic areas.

3. Strong Corrosion Resistance

Resists acid/alkali corrosion, suitable for humid or coastal areas, with a lifespan up to 50 years.

4. High Air and Water Tightness

Multi-seal design prevents air infiltration and water leakage, achieving Grade 1 air tightness and Grade 5 water tightness.

5. Safety and Durability

Steel-reinforced frames enhance wind resistance (Grade 6), fire-retardant, and theft-resistant.

6. Low Maintenance

Fade-resistant surface, easy to clean, and requires minimal upkeep.

7. Eco-Friendly and Cost-Effective

Recyclable materials and lower overall cost compared to aluminum alloys.



JS64

SINGLE/DOUBLE HUNG WINDOW SERIES

Product Parameters

Thickness	1.4mm
Bearing	16kg
Blade width	500mm-1050mm
Blade height	500mm-750mm
Standard glass	4T+8A+4T
Hardware	WEIXUN



Basic parameters:



Thermal insulation performance:
UW 1.9-2.1W/m²K



Wind pressure resistance performance:
+3000Pa



Sound insulation performance:
Rw up to 30dB



Water tightness performance:
+300Pa



JS82

SINGLE/DOUBLE HUNG WINDOW SERIES

Product Parameters

Thickness	1.6mm
Bearing	16kg
Blade width	500mm-1050mm
Blade height	500mm-750mm
Standard glass	4T+12A+4T
Hardware	WEIXUN



Basic parameters:



Thermal insulation performance:
UW 1.7-1.9W/m²K



Wind pressure resistance performance:
+3500Pa



Sound insulation performance:
Rw up to 35dB



Water tightness performance:
+350Pa

JS125

SLIDING DOOR SERIES

Product Parameters

Thickness	2.0mm
Bearing	60kg
Blade width	600mm-1150mm
Blade height	2000mm-2200mm
Standard glass	3.2T+16A+3.2T
Hardware	WEIXUN



Basic parameters:



Thermal insulation performance:
UW 2.0-2.2W/m²K



Wind pressure resistance performance:
+3500Pa



Sound insulation performance:
Rw up to 30dB



Water tightness performance:
+300Pa



JS80

SLIDING WINDOW SERIES

DOUBLE SLIDING

Product Parameters

Thickness	1.4mm
Bearing	40kg
Blade width	400mm-700mm
Blade height	600mm-1300mm
Standard glass	4T+8A+5T
Hardware	CHUGN



SINGLE SLIDING WINDOW

Basic parameters:



Thermal insulation performance:
UW 1.8-2.1W/m²K



Wind pressure resistance performance:
+3000Pa



Sound insulation performance:
Rw up to 30dB



Water tightness performance:
+300Pa