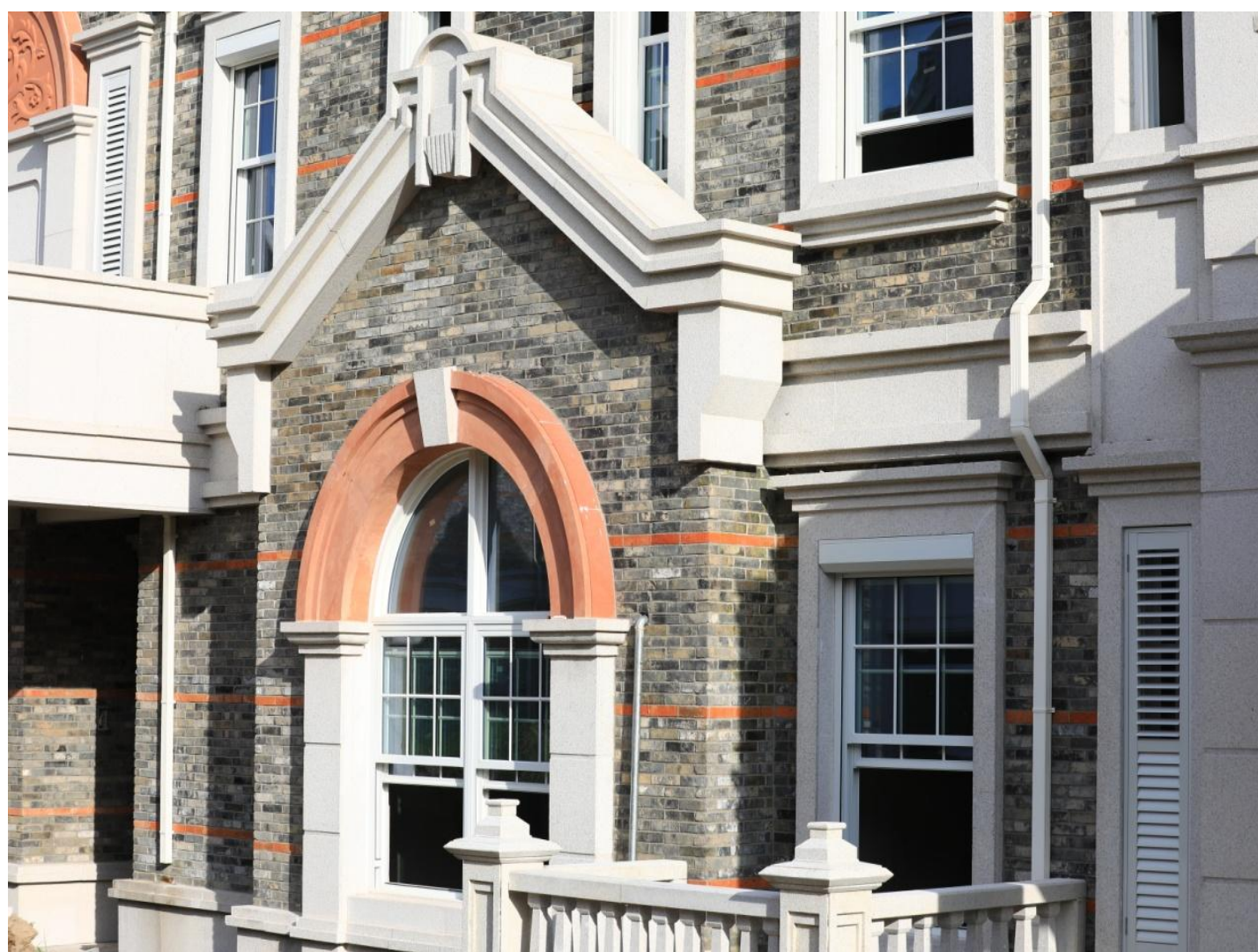


UXC128 Series



128 series high-performance broken bridge single and double hung windows



Elegant lines, maximized field of view, stunning high stability, standard highest grade hardware, excellent energy efficiency, and more, all combine design aesthetics and performance, durability, and unparalleled applicability, interpreting the extreme to the extreme and potentially infinite. This is the UXC128 heavy-duty commercial hung window series

Since its launch in 2019, after several optimizations, the 128 series hung windows have become increasingly popular among clients. From villa buildings to high-rise buildings, from commercial districts to residential buildings, from old building renovations to public spaces, from domestic to foreign... It has received countless praises and is a flagship product that embodies countless treasures!

Product features



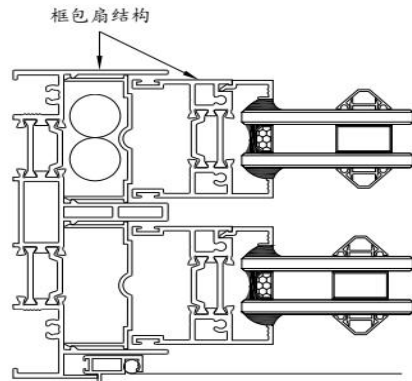
1. High performance broken bridge through strip (non inverted) single and double hung window, performance, and aesthetics are exemplary.



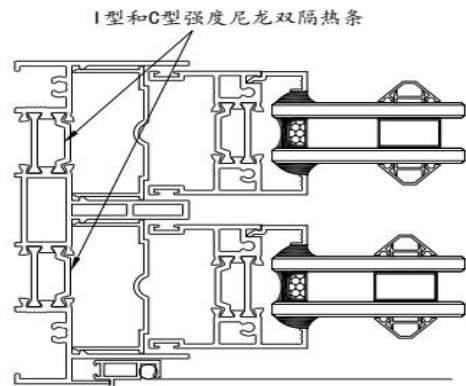
Product features

Frame cover window panel

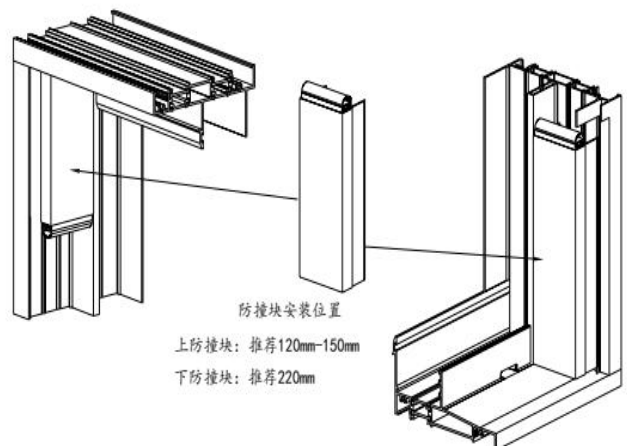
2. The window frame is designed with double insulation strips, and the overall insulation coefficient of the window is 2.0 (depending on the energy-saving glass), which is more energy-efficient.



3. It is particularly handy when applied to super high-rise commercial buildings. Single or double sliding windows can provide good ventilation. The window frame is reinforced and has stronger pressure resistance.



4. The top and bottom of single and double hung window frames are equipped with two types of height anti-collision blocks to prevent excessive impact and abnormal damage to accessories when pulled upwards.



Product features

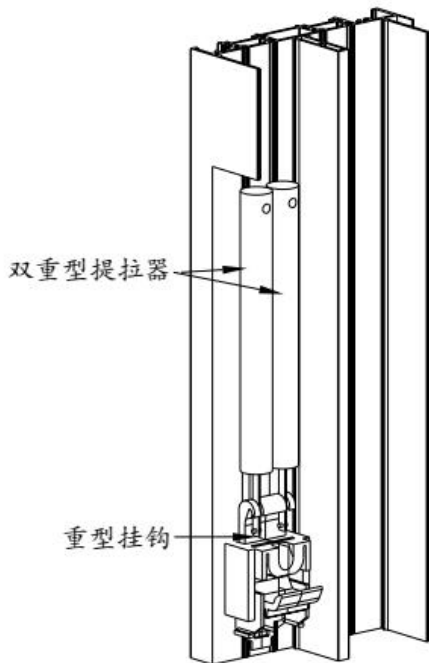


5. More flexibility in design. Especially when there are requirements for super large openings and ventilation, it subverts the design limitations of window types and easily achieves application in large public buildings such as schools, hospitals, government affairs, business centers, large hotels, office buildings, sales centers, and super high-rise buildings.

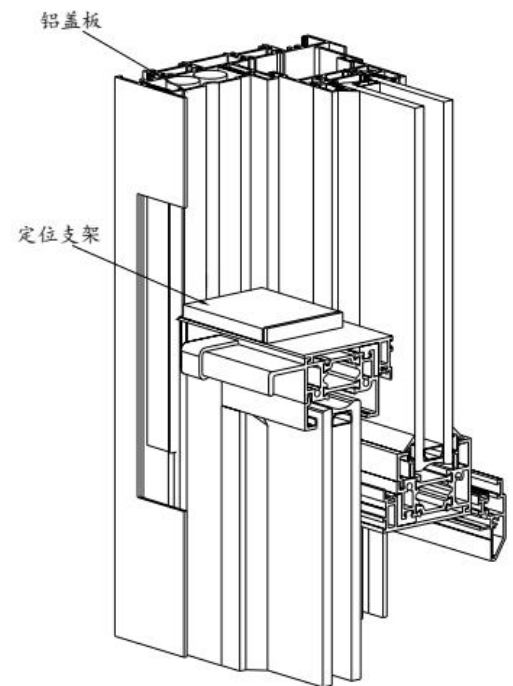


Product features

6. Born specifically for large windows. The hardware comes standard with Caldwell heavy-duty and ultra heavy-duty pullers, with a single set bearing 100 pounds and providing up to 80% of the window sash weight as auxiliary force, making the experience easier. Heavy duty hook, with a single pair bearing capacity of 200 pounds (90.8 kilograms), no after-sales service, maintenance free.

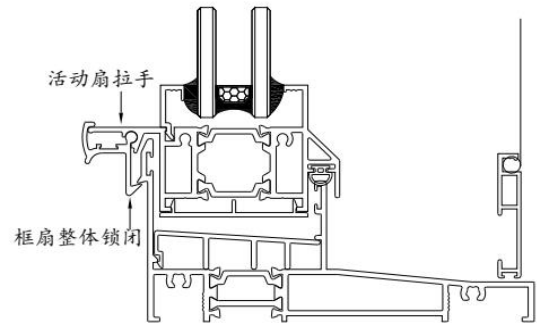


7. The accessories inside the window frame are covered with aluminum cover plates and assembled in a concealed manner, which is beautiful, independent, and clean, extending the service life of the accessories. The positioning bracket fixes the window sash, preventing it from swinging left and right. The positioning roller and aluminum cover plate touch point to point, greatly reducing the friction resistance and noise of the window sash.

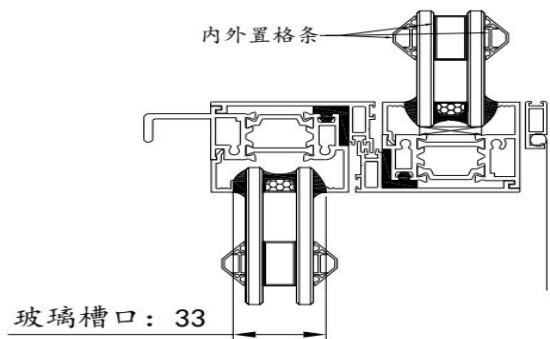


Product features

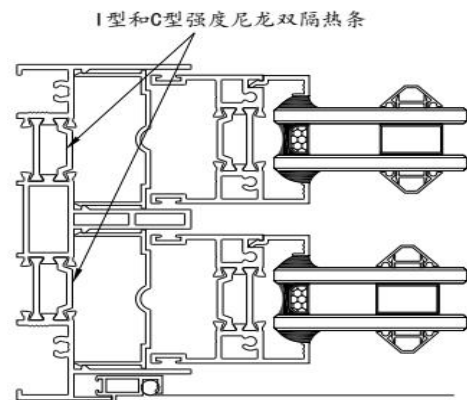
8. The locking of the window sash is achieved by operating the lower handle of the window sash, which is more user-friendly and the overall locking of the window sash is safer.



9. The glass assembly chamber can reach 33mm and can be equipped with decorative grid strips both inside and outside, as well as maximizing three glass and two chambers.

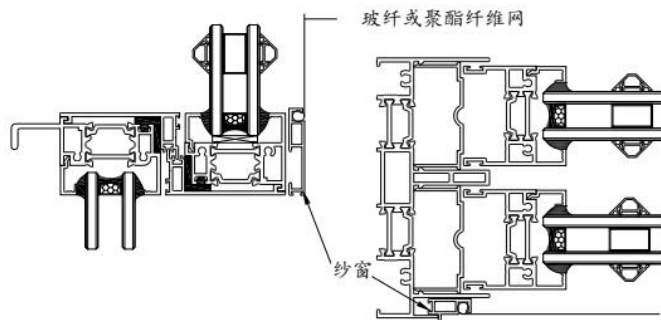


10. The window frame is designed with double insulation strips, and the entire window has a thermal insulation coefficient of 2.0 (depending on the energy-saving glass), which is more energy-efficient and efficient



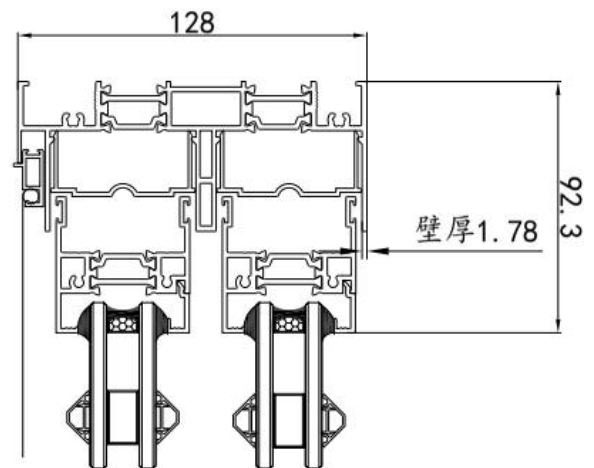
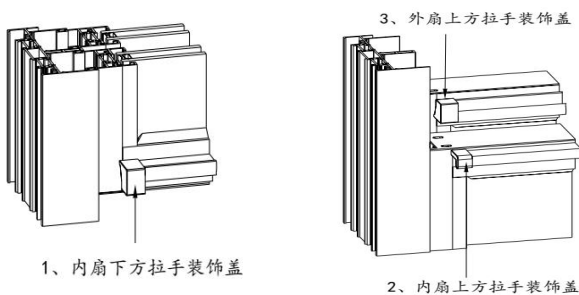
Product features

11. External, detachable screen window, can be full screen or half screen, half screen screen screen screen fan, can be moved up and down according to needs, more user-friendly.



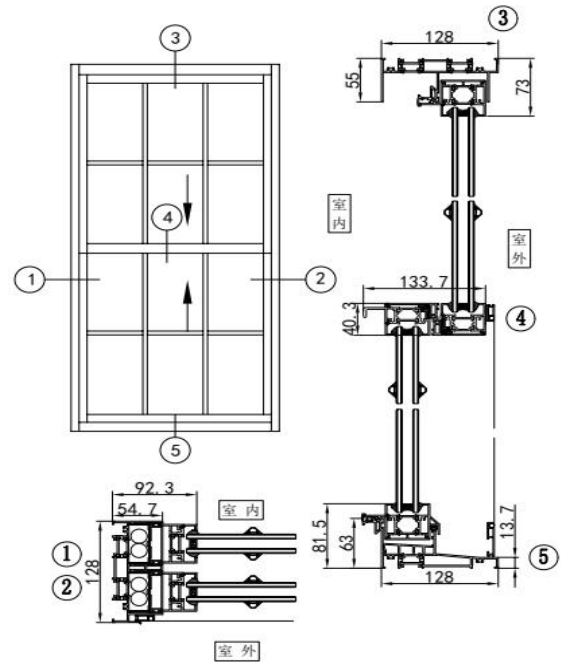
12. The handle end of the activity fan has a nylon cover on its head, and the exposed aluminum area is fully covered, greatly enhancing its aesthetics.

13. Use 6063-T5 (or T6), Thickness 1.78mm, for commercial or residential.

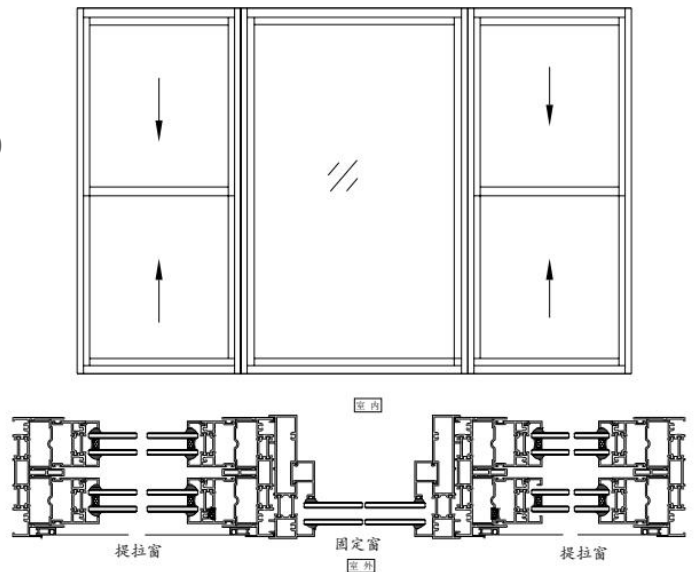


Product features

14. The frame and panel lines are delicate, the proportion of the visible surface is coordinated, maximizing the field of view, and the lighting and perspective are higher. Can be dual colored both inside and outside, highly decorative and aesthetically valuable.



15. Suggested dimensions: maximum 1500 * 2600, minimum 600 * 900 (mm), or single panel weight \leq 60 kilograms (130 pounds). The maximum and minimum dimensions may vary depending on the glass configuration, and this suggestion is for reference only.



Standard color

Customize color : According to qty.



Black color



White color



Coffee color



Grey Color

- Note: Customize color will have long production time and more cost.
- Need you provide color sample to do customization, but color may not 100% match with your sample.

Glass

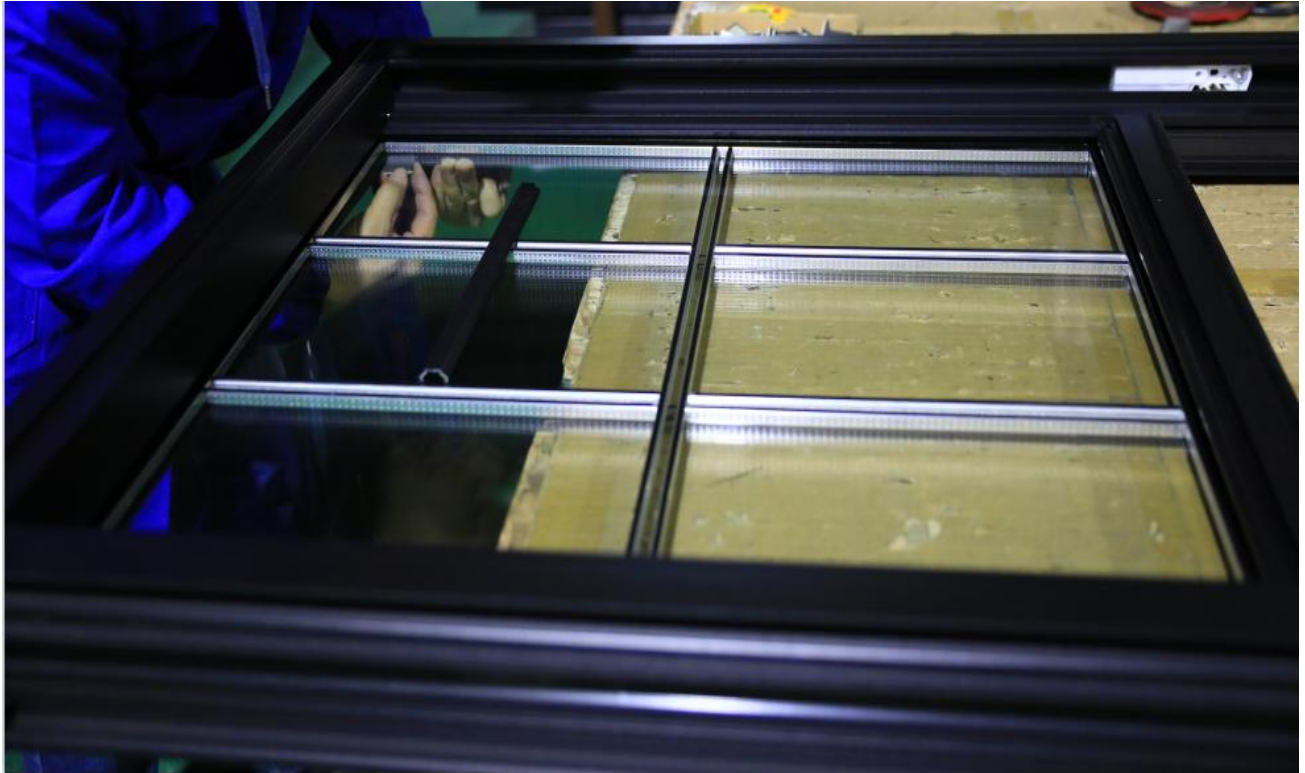
Normal or Standard: 4-6mm double glass, Air: 9A-16A



- By absorbing or reflecting the heat of the sun, choosing the right glass can make your home more comfortable. Energy saving, energy-saving, improving your energy efficiency, reducing external noise, blocking harmful ultraviolet rays, enhancing your privacy, and so on.

Glass

Normal or Standard: 4-6mm double glass, Air: 9A-16A



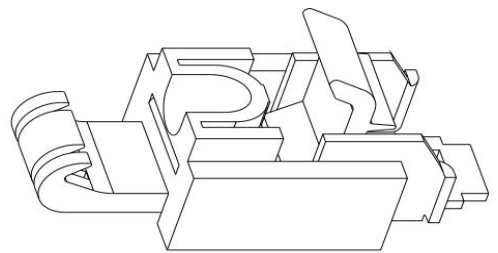
- Decorative grid bars can be embedded in glass (hollow layer), or double-layer or double-sided external (with a large price difference between internal and external). Grid bar decoration has a strong visual impact, making charming grid windows present a classic appearance.
- Please note that the glass groove in this series is 33mm and can be extended to 45mm. The configuration of glass is related to the overall performance of the window. High performance glass means higher costs (double silver, three silver LOW-E or laminated). Window sashes that are too heavy will also significantly increase hardware costs. Please consult us before making a decision!

Introduction to Puller



Heavy lifting device (AAMA 5-6 certification)

Note: AAMA 5-6 (abbreviated by AAMA American Building Manufacturers Association), level 5 provides 70% auxiliary force for window sash weight, and level 6 provides 80% auxiliary force.

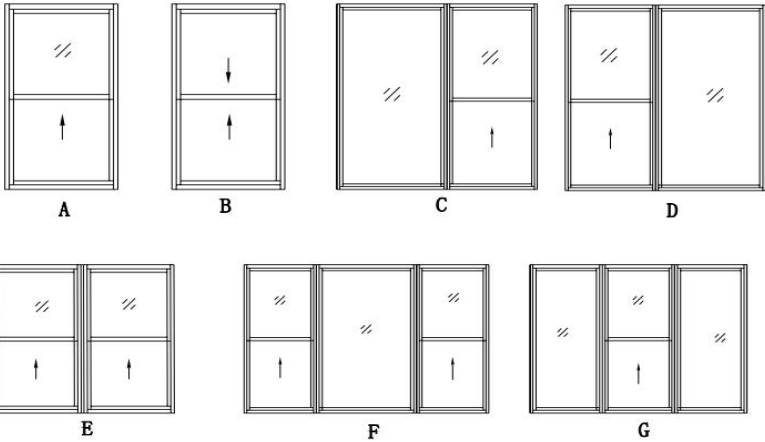


Heavy duty hooks

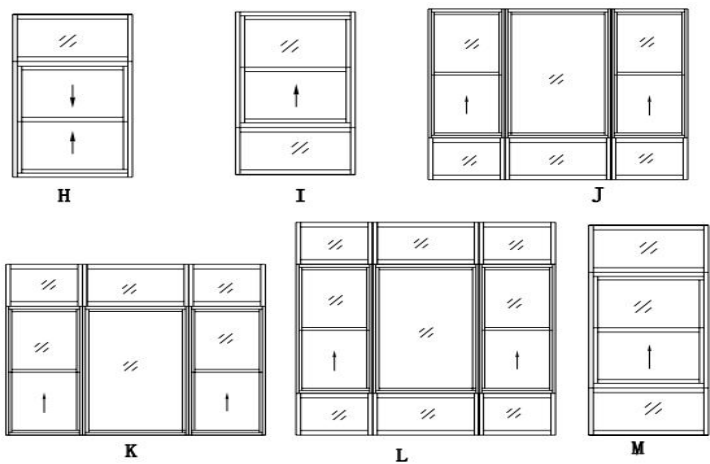
Bearing: 200ound (90.8kg) /set



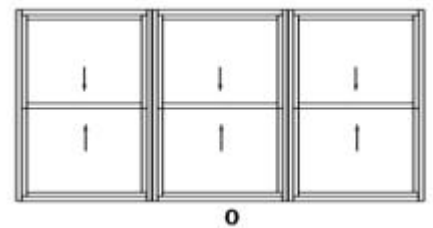
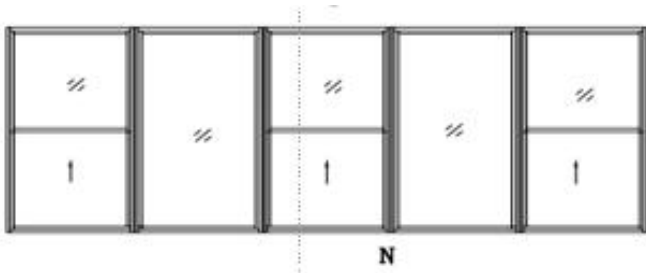
Suggestions for window design and combination



Suggestions for window design and combination



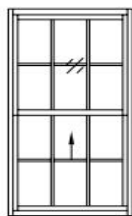
Suggestions for window design and combination



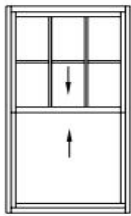
Suggestions for window design and combination



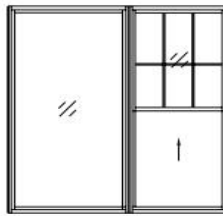
Suggestions for window design and combination



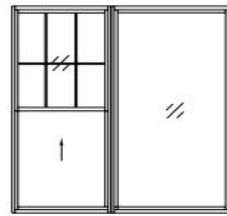
A



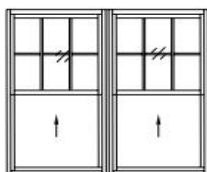
B



C



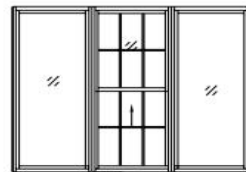
D



E

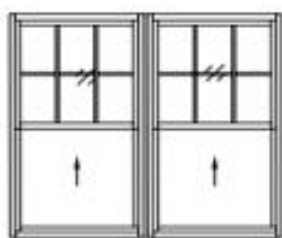


F

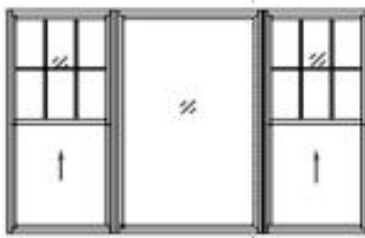


G

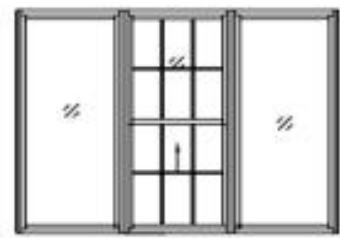
Suggestions for window design and combination



E

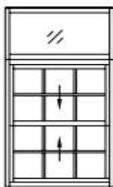


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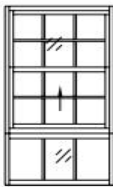


G

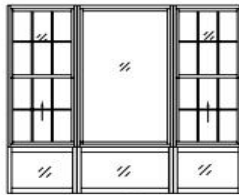
Suggestions for window design and combination



H



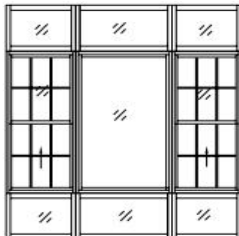
I



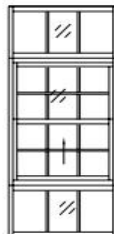
J



K

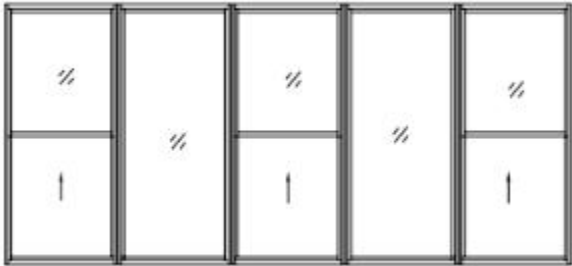


L

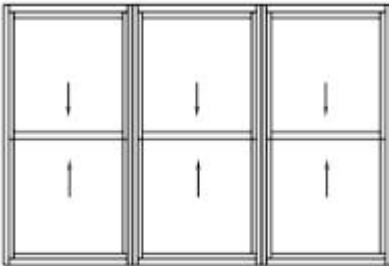


M

Suggestions for window design and combination



N

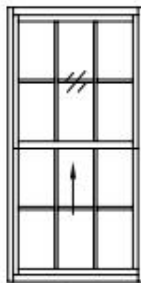


O

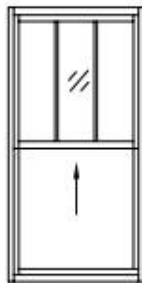
UXC128



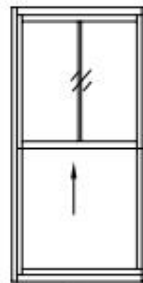
Single
hung



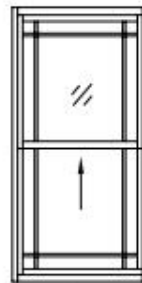
A



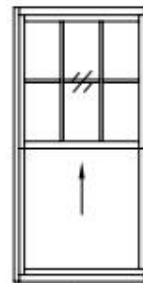
B



C



D

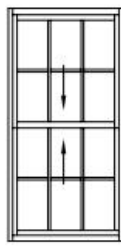


E

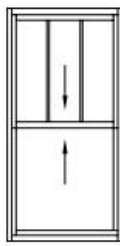
UXC128



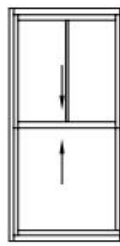
**Double
Hung**



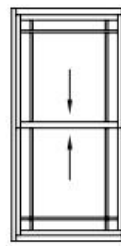
A



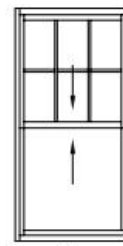
B



C



D



E



American and Australian standard certification

This test report for represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

TEST METHODS AND STANDARDS		
AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011 - North American Fenestration Standard / Specification for Windows, Doors and Skylights)		
SAMPLE ID	MODEL	SPECIFICATION
S210125036-001~002	UX128 Series American Style Single Hung Window	1400 mm (Width) x2300 mm (Height) x 128 mm (Thickness)

SAMPLE RECEIVED: 2021-01-25

TESTED FROM: 2021-02-24 TO 2021-02-25

TEST LOCATION: C2-1 Building Heping Fair, Yongning Street, Zengcheng District, Guangzhou, China



Research Engineering Development Facade Consultants Limited
Fire and Facade Testing Laboratory
雄略幕墙顾问有限公司-广州雄略建筑材料检测服务有限公司
• Website: www.red.com.hk • Email: facade@red.com.hk

7. Summary of Test Results

Test	Results
1) Open and close Operable Sash Test (AS/NZS 4420.1-2016 Clause 2)	No damage was observed after the test. Please refer to Clause 6.1 for details.
2) Deflection Test (AS/NZS 4420.1- 2016 Clause 3)	During the structural test at 100% of the design pressure, the deflections of the framing members were within the deflection limits. (AS2047-2014 Table 2.1: Rating N3 general) Please refer to Clause 6.2 for details.
3) Open and close Operable Sash Test (AS/NZS 4420.1-2016 Clause2)	No damage was observed after the test. Please refer to Clause 6.3 for details.
4) Operating Force Test (AS/NZS 4420.1-2016 Clause 4)	The force did not exceed the value given in AS2047-2014 Table 2.2 . Please refer to Clause 6.4 for details.
5) Air Infiltration Test (AS/NZS 4420.1- 2016 Clause 5)	Air infiltration rate did not exceed 1.0 L/sec/m ² at +/-75 Pa. (AS2047-2014 Table 2.3 Air infiltration level: Low) Please refer to Clause 6.5 for details.
6) Water Penetration Resistance Test (AS/NZS 4420.1- 2016 Clause 6)	No penetration of uncontrolled water was observed under the pressure of 282Pa. (AS2047-2014 Table 2.4 Rating N4 Non-exposed) Please refer to Clause 6.6 for details.
7) Ultimate Strength Test (AS/NZS 4420.1- 2016 Clause 7)	No collapse was observed under the specified pressure. The maximum pressures attained were +1.44/-1.79kPa. (AS2047-2014 Table 2.5: Rating N3 general) Please refer to Clause 6.8 for details.

I certify the above test results are the true record for the performance test of the **Vertical Sliding Window System** designed by **ibuild Corporation Pty Ltd** for the project of **459-471 Church Street, Australia**.

Dr. ZHANG Zhuoran
Authorized Signature

Heat transfer coefficient calculation sheet

TECHNOFORM
泰诺风

一、窗隔热系数 U_w 及型材节点隔热系数 U_f 汇总表

U_f (W/m^2k)	P1	3.454
	P2	3.454
	P3	3.494
	P4	3.494
	P5	3.489
	P6	3.274
	P7	7.29
使用隔热条规格		124 C24
玻框比		77%
玻璃间隔条		泰诺风 TGI 暖边
Y (lin. thermal transm. coeff.) (W/Mk)		0.04
玻璃		6low-e(双银)+12Ar+6
U_g (W/m^2k)		1.413
U_w (W/m^2k)		2.08

★ Good Quality



★ Innovative design, redefining energy-saving sliding windows



★ Innovative design, creating the future





Web : www.williamarchi.com

M.P:13088859386 (William) / M P : 18719451629 (Andrew)

Add : R1103, Xintian Building, No. 5055 Songbai Road, Guangming District, Shenzhen, China