

## Projected-out Window with Electric Power and Remote Control / Glass House

Superb aluminum frame structure, eco-friendly and safeguarding our home



## 景發鋁業

JING FA ALUMINUM  
CO., LTD.

### About Jing Fa Aluminum

Jing Fa Aluminum Co., Ltd., established in 1986, created "Jarl Gene" as its brand to redefine themselves from a trader to an R&D manufacturer. The firm aims at providing excellent aluminum products by consistently improving the product manufacturing process and raising the standards for quality control. In recent years, Jing Fa Aluminum implemented green and energy-saving design in its products and launched customized services to offer versatile merchandise.

Jing Fa Aluminum views green building materials as the main development focus of the company step by step. The firm's short-term goal is to enhance company productivity via various green product certifications and increase the brand awareness by promoting green building material products. Jing Fa Aluminum will also expand its development by targeting the global market in the near future.



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## Product Introduction

### Projected-out Window with Electric Power and Remote Control

Projected-out window with electric power and remote control created by Jing Fa Aluminum comes with window screens and could be additionally installed with safety anti-pinch device, such as lattice or artistic iron windows. As the windows could be remotely controlled and the angle of the opened window could be adjusted and fixed, there is no need to open the window manually, and screens would not need to be opened, which lowers the chances of the expendable materials being damaged. This product has achieved the high performance soundproof standards for green building materials and fulfills the Weighted Sound Reduction Index( $R_w$ ) $\geq 37$ dB, which in turn received the recognition of the green building materials mark. Additionally, the structure of the window has great air and water tightness, and excellent heat insulation performance that could let the indoor air maintain a stable temperature, achieving smoke exhausting and ventilation functions.



Projected-out Window with Electric Power and Remote Control

### Glass House

Jing Fa Aluminum uses aluminum frame and combines it with plyglass to construct the glass house, which is suitable for landscaping on the balcony or the attic. Not only would the exterior appear to be bigger, it would also elevate the beautiful environment, fulfilling the greenery and giving light to large indoor areas. Furthermore, this could reduce the frequency of turning on the lights during daytime, saving power and achieving the goal of energy saving and carbon reduction.



Glass House

## Product Features



Easy to Assemble



Beautiful Appearance



High Light Transparency



Anti-moisture



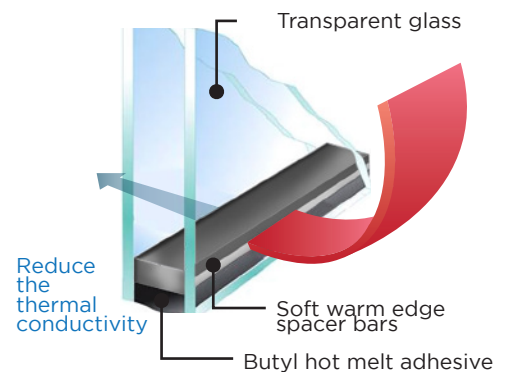
Great Soundproof Abilities



Heat Insulation

## Creating the window with greener and more energy-saving design- Double-layer Insulation Glass

The soft warm edge spacer bars utilized in the double-layer insulated glass, adopted in aluminum window and door products of Jing Fa Aluminum, could reduce the thermal conductivity and endure long-term ultraviolet radiation. Besides, the air and water tightness of the window could be optimized by applying the superior structural acrylic adhesive as primary sealant and using butyl hot melt adhesive as secondary sealing to ensure both side of spacer bar is fully sealed. Compared with the conventional rigid metal spacer bars, the double-layer insulated glass produced with soft warm edge spacer bars has better pressure resistance, including enduring the temperature differences, wind pressure differences and extrusion.



The Diagram of Double-layer Insulated Glass

