

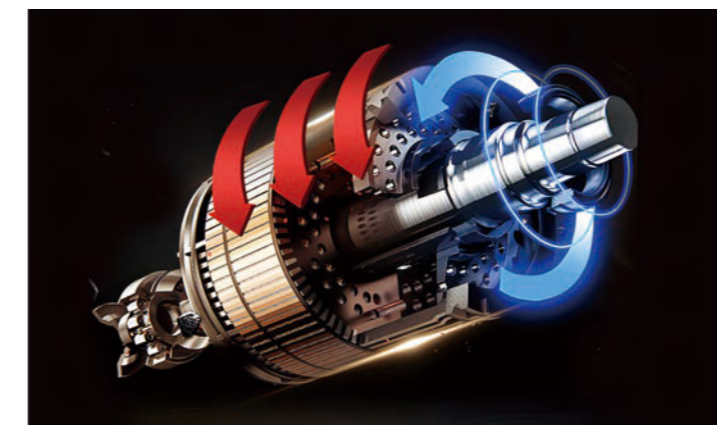
顾美GUMEI

SUNNYJOY START BETTER LIFE





MOBILE SUNROOM SERIES



MOBILE SUNROOM INTRODUCTION

Sunroom opens and closes freely

The sunroom is equipped with tracks on the ground or wall, which can be opened and closed for expansion.

Suitable for various occasions

Sunrooms can be used in swimming pools, terraces, courtyards, patio covers, gardens, Villas, outdoor restaurants, commercial and other places.

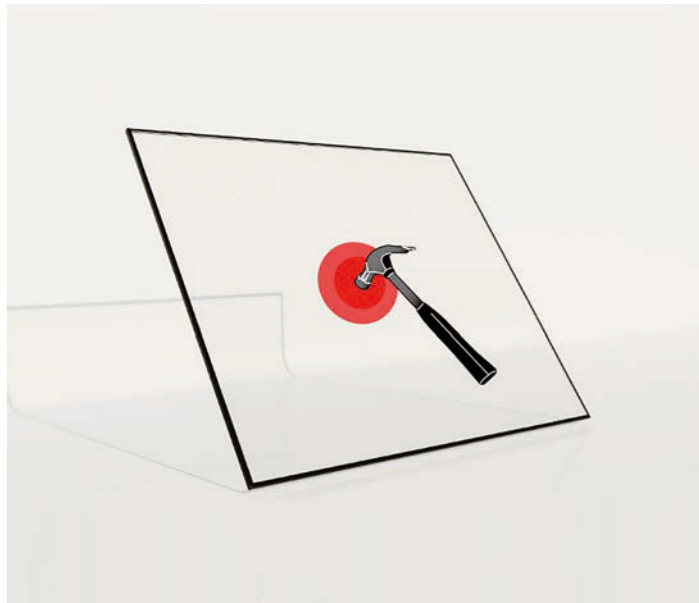
Beautiful appearance

PC board can be bent arbitrarily, with diverse shapes and thickened aluminum alloy border, fashionable and beautiful.

Intelligent control

The sunroom can be equipped with an electric motor system and an intelligent light control system.

聚碳酸酯耐力板 (PC board)



300 times of regular glass
20 times of acrylic
2 times of tempered glass

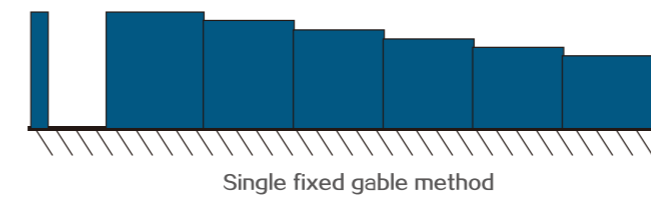
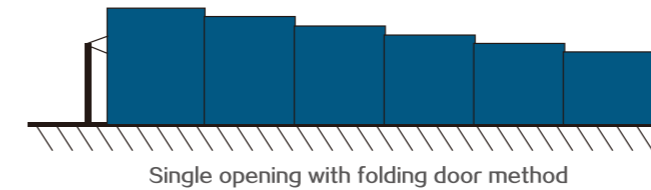
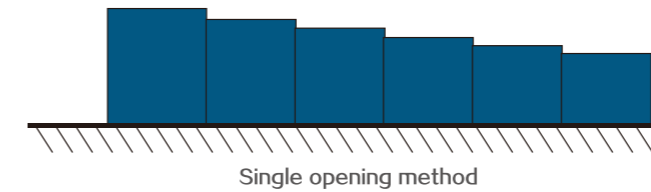
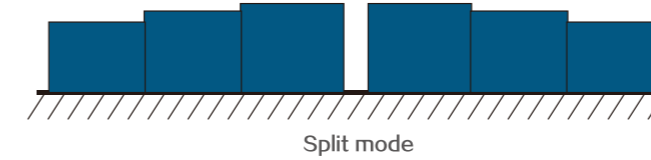


High transparency, with a transmittance of up to 75-89%

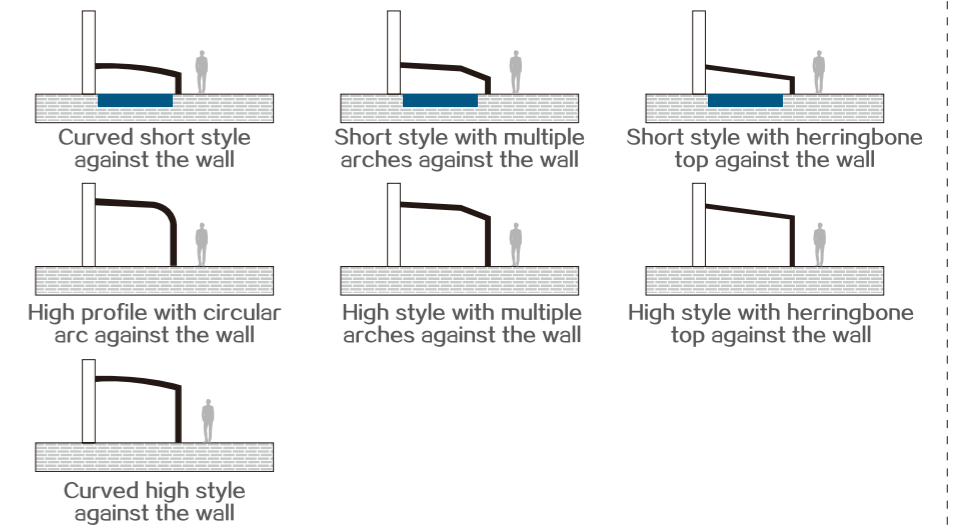
1. Impact resistance - The maximum impact force of the endurance board can reach 3kg/cm, with a specific gravity of 1.34g/cm³, which is 250-300 times that of ordinary glass and 8 times stronger than acrylic board, with almost no risk of fracture.
2. Transparency - Excellent lighting, with a transmittance of up to 75-89%, and its transparency comparable to glass.
3. Weathering resistance - PC board can maintain the stability of various physical indicators within the range of -40 °C to 120 °C. The artificial climate aging test lasted for 4000 hours, with a yellowing degree of 2 and a decrease in transmittance of only 0.6%.
4. Flammability - The endurance board itself is not flammable and has self extinguishing properties, as confirmed by the national standard GB50222 95. PC boards are classified as Class 1 flame retardant, i.e. Class B1. The ignition point of the PC board itself is 580 degrees Celsius.
5. Heat resistance, cold resistance - Within the testing range of -30 °C to 130 °C, it will not cause quality changes such as deformation.
6. Sound insulation - The sound insulation capacity of PC board is 3-4DB higher than that of glass, making it the preferred material for highway sound barriers internationally.

OPENING AND CLOSING METHOD SOME COMMON STRUCTURES

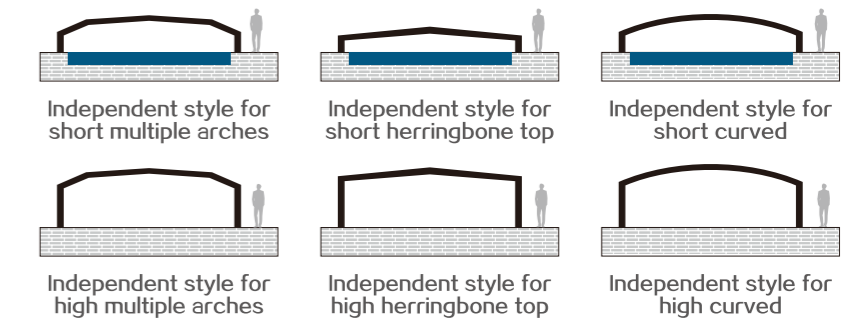
OPENING AND CLOSING METHOD



Against the wall



Independent





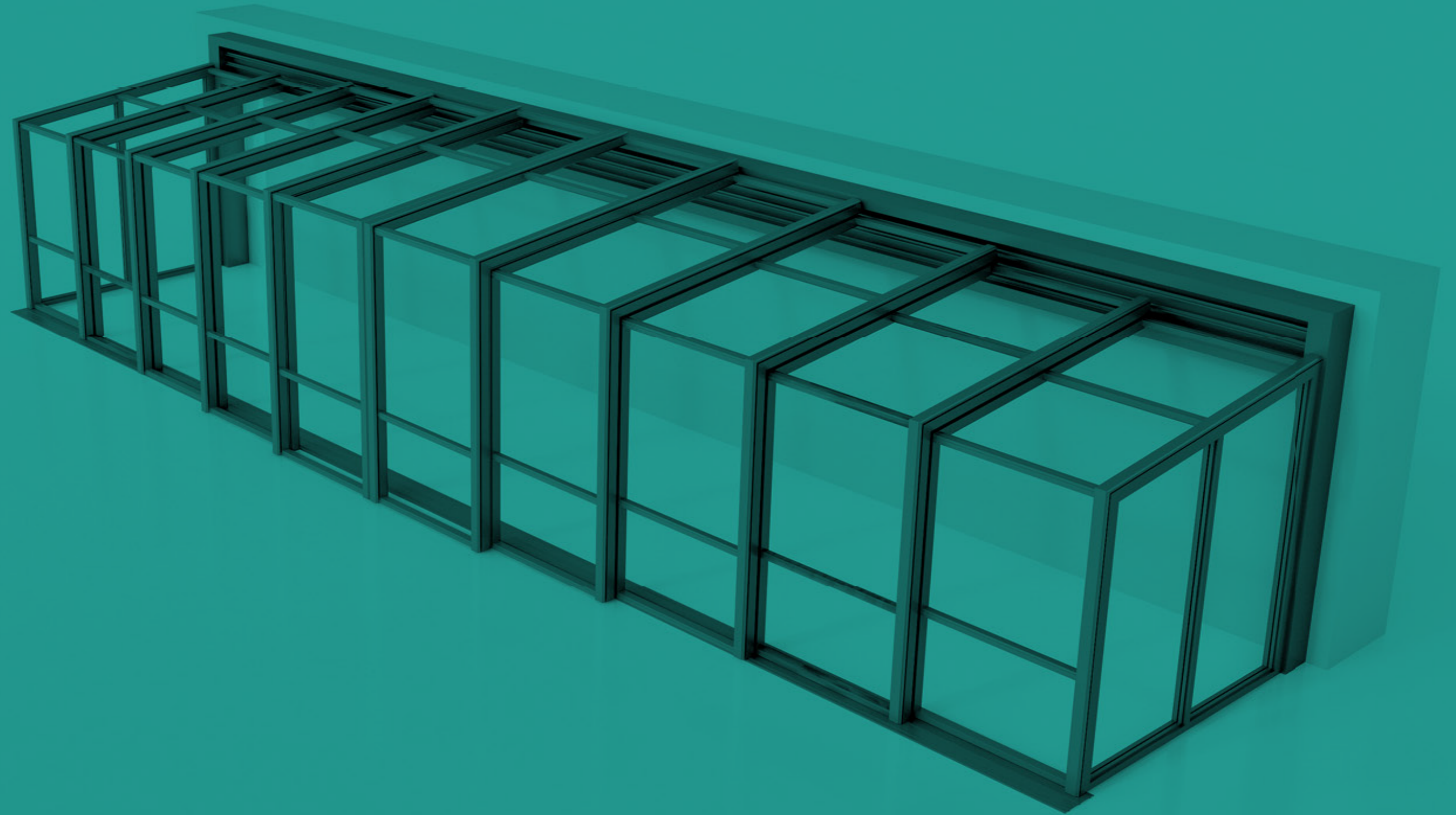
Wall-Mounted

L-SHAPED

MOBILE SUNROOM

The L-shaped mobile sunroom is ideally suited for patios where one, two, or three sides abut a wall; it maximizes space utilization while providing a comfortable living environment.

Furthermore, the L-shaped structure facilitates the rapid drainage of rainwater, thereby enhancing its waterproofing performance.



L-SHAPED MOBILE SUNROOM



FUNCTIONAL FEATURES

Applicable Settings: Villa gardens, outdoor swimming pools, open-air restaurants, outdoor cafes, outdoor party venues, private villas, commercial streets, etc.

Smart Operation: Remote control, voice command, and manual operation options available.

Profile Configuration: Constructed using ultra-high-precision 6061-T5 aluminum alloy profiles ranging from 4.0mm to 10mm in thickness.

Customizable Aesthetics: Roof options include polygonal and arched designs, offering diverse styling choices to meet a wide range of aesthetic preferences.

Shading Options: Choice of magnetically controlled manual blinds, motorized glass-integrated blinds, or motorized honeycomb shades.

Lighting Options: Features concealed, built-in LED light strips for ambient illumination.

Waterproofing & Sealing: Utilizes EPDM (Ethylene Propylene Diene Monomer) sealing strips, offering exceptional resistance to oxidation and weathering, as well as superior stability across high and low-temperature environments.

Thermal Insulation: The roof features reinforced polycarbonate (PC endurance) panels that effectively block UV radiation, providing thermal insulation in the summer and heat retention in the winter.

Wind Resistance: Equipped with a proprietary, self-developed wind-resistant mechanism; connection points lock securely into place to ensure enhanced structural rigidity and stability, thereby preventing safety hazards caused by strong winds.





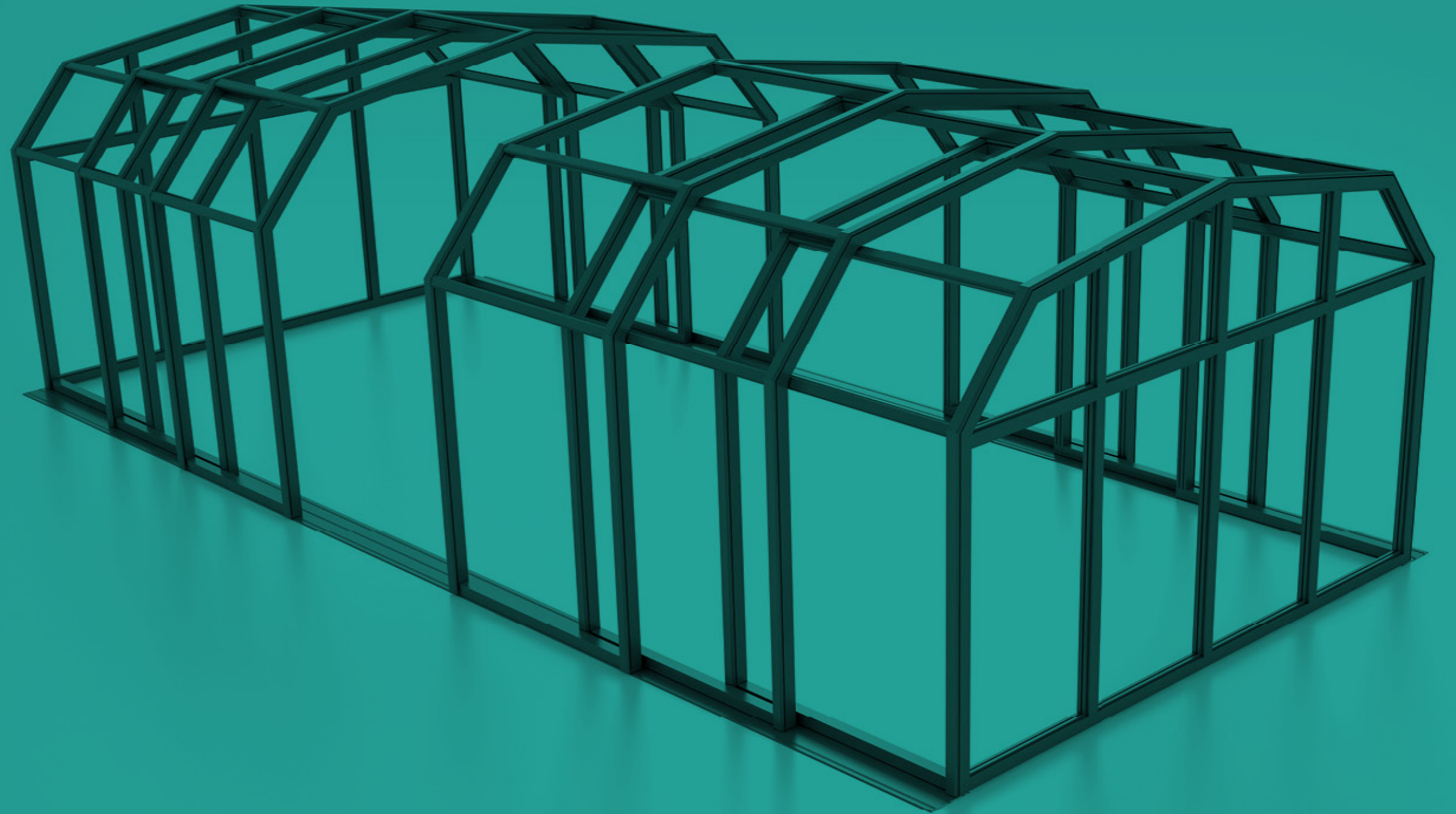
M

Freestanding

M-SHAPED MOBILE SUNROOM

The roof of the M-type retractable sunroom features a multi-pitched design, enhancing the sense of spatial layering and brightness within the room.

This M-type design also offers improved space utilization and greater practicality.



M-SHAPED MOBILE SUNROOM



FUNCTIONAL FEATURES

Applicable Settings: Villa gardens, outdoor swimming pools, open-air restaurants, outdoor cafes, outdoor party venues, private villas, commercial streets, etc.

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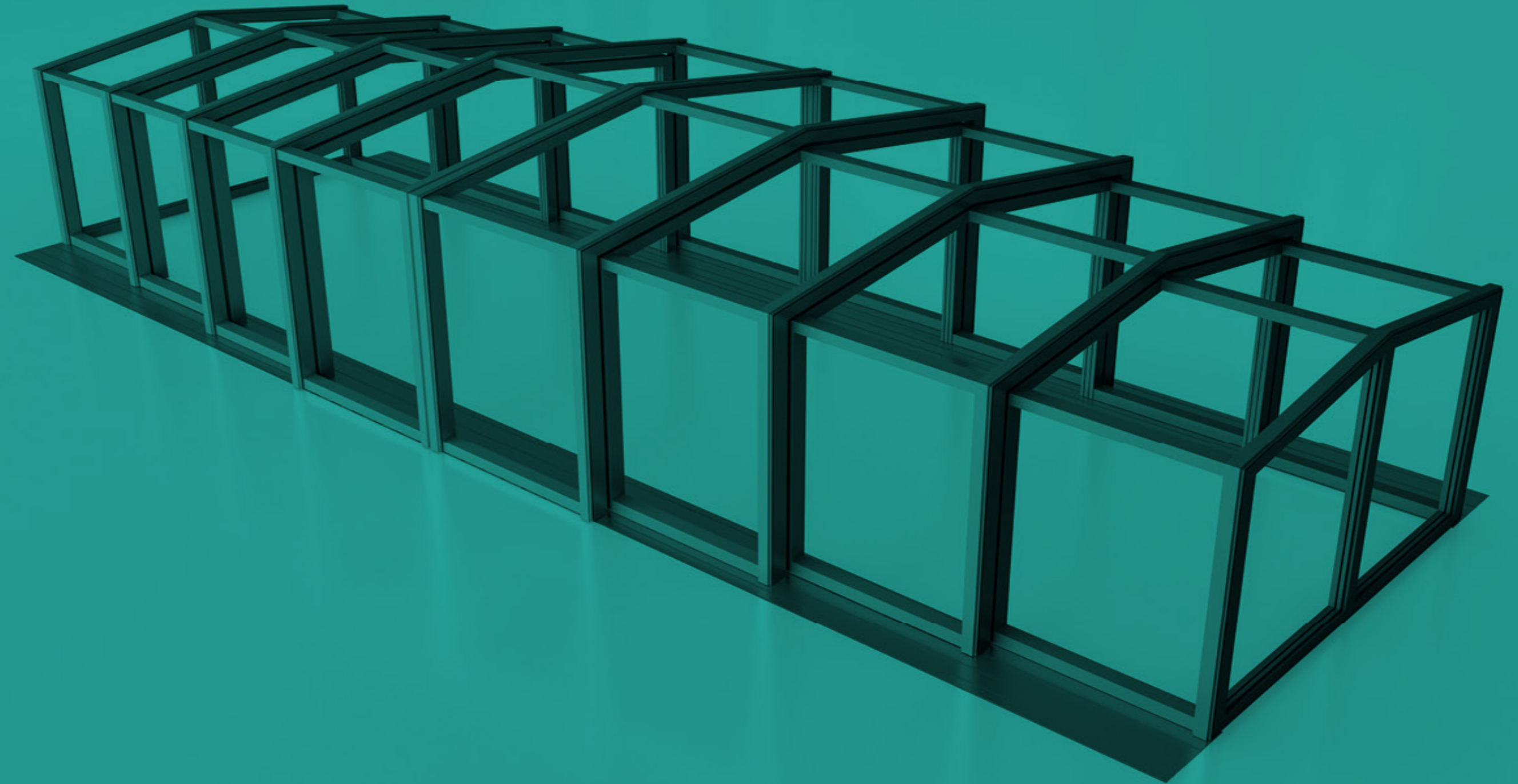
Whether it's painting, photography, yoga, or meditation, this place can be the source of your inspiration. In such a space full of creativity and spirituality, every breath seems to inspire creativity deep within, making your life more colorful.



Freestanding

U-SHAPED MOBILE SUNROOM

The U-shaped portable sunroom resembles a small house, visually creating a more spacious feel and enhancing the sense of room. The raised ceiling increases brightness and ventilation within the room.



U-SHAPED MOBILE SUNROOM



FUNCTIONAL FEATURES

Smart Operation: Remote control, voice command, and manual operation options available.

Profile Configuration: Constructed using ultra-high-precision 6061-T5 aluminum alloy profiles ranging from 4.0mm to 10mm in thickness.

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