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Product Description

2-9M Series Bubble houses product are the latest characteristic residence products. It does not contain metal support framework, and has 360° full transparent vision experience. The dome structure design has strong stability, strengthening the wind and earthquake resistance.

The main material of the product is polycarbonate and aviation aluminum profile, with high safety and strong protection, which can safely avoid the invasion of snakes, insects, rats, ants and large beasts in the wild.

Meanwhile, the product adopts modular splicing design, the installation and demolition process is simple, and the field assembly cost is low.

At present, Bubble houses products have various of diameters in 2m, 3m, 4m, 5m, 9m, etc., and products of different specifications can be spliced and matched with each other, with high flexibility, which can meet diversified application scenarios.



Specification

- Product Name: Bubble house 2m-9m
- Product Type: XKF-2M-9M
- Main Material:
Polycarbonate (PC) + aviation aluminum profile
- Structural: Dome structure + modular splicing structure
- Body Color: Transparent
- Features: 360 ° full transparent Perspective
- Size: Please refer to the products' datas
- Application: Outdoor Hotel, Camping, Outdoor camp, etc



Specification



Bubble House-2M

Size: $\Phi 2.1\text{M} * \text{H}2.4\text{M}$

Interior Space: 3.5m²

Main Materials: UV resistant coating polycarbonate + aviation aluminum

Standard: PC side wall + PC dome + aluminum framework + aluminum platform

Features: Anti-Oxidation, No Smell, Ordless, Anti-flaming,

Weight: 100KG/Set

Physical properties: Strong toughness, high impact resistance

Wind-Resistance: Level 10

Life Span: Standard 30 years life span, 10 year yellow change warranty

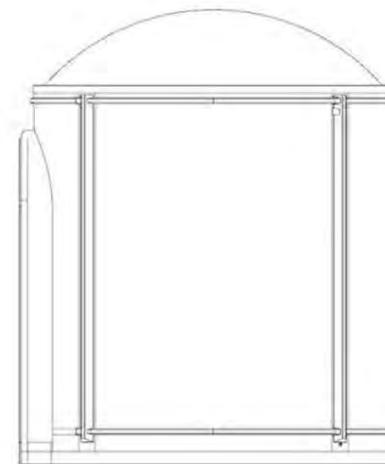
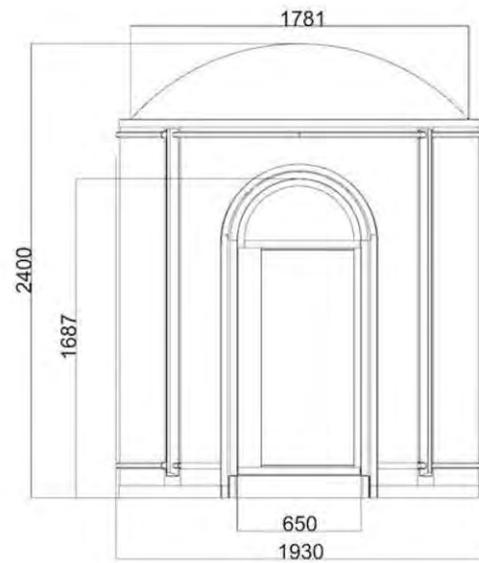
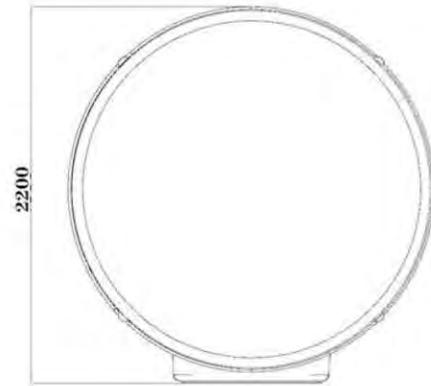
Warranty: Main Frame 3 years

Installation: Modular splicing + screw fixation

Application: 1 person

Application recommendation: Independent bathroom or lavatory connected with star room

Bubble House-2M Size (Unit: mm)



Specification



Bubble House-3M

Size: Φ 3M*H2. 2M

Interior Space: 7.1m²

Main Materials: UV resistant coating polycarbonate + aviation aluminum

Standard: PC dome +aluminum platform

Optionals: internal and external sunshade system

Features: Anti-Oxidation, No Smell, Ordless, Anti-flaming,

Weight: 150KG/Set

Physical properties: Strong toughness, high impact resistance

Wind-Resistance: Level 10

Life Span: Standard 30 years life span, 10 year yellow change warranty

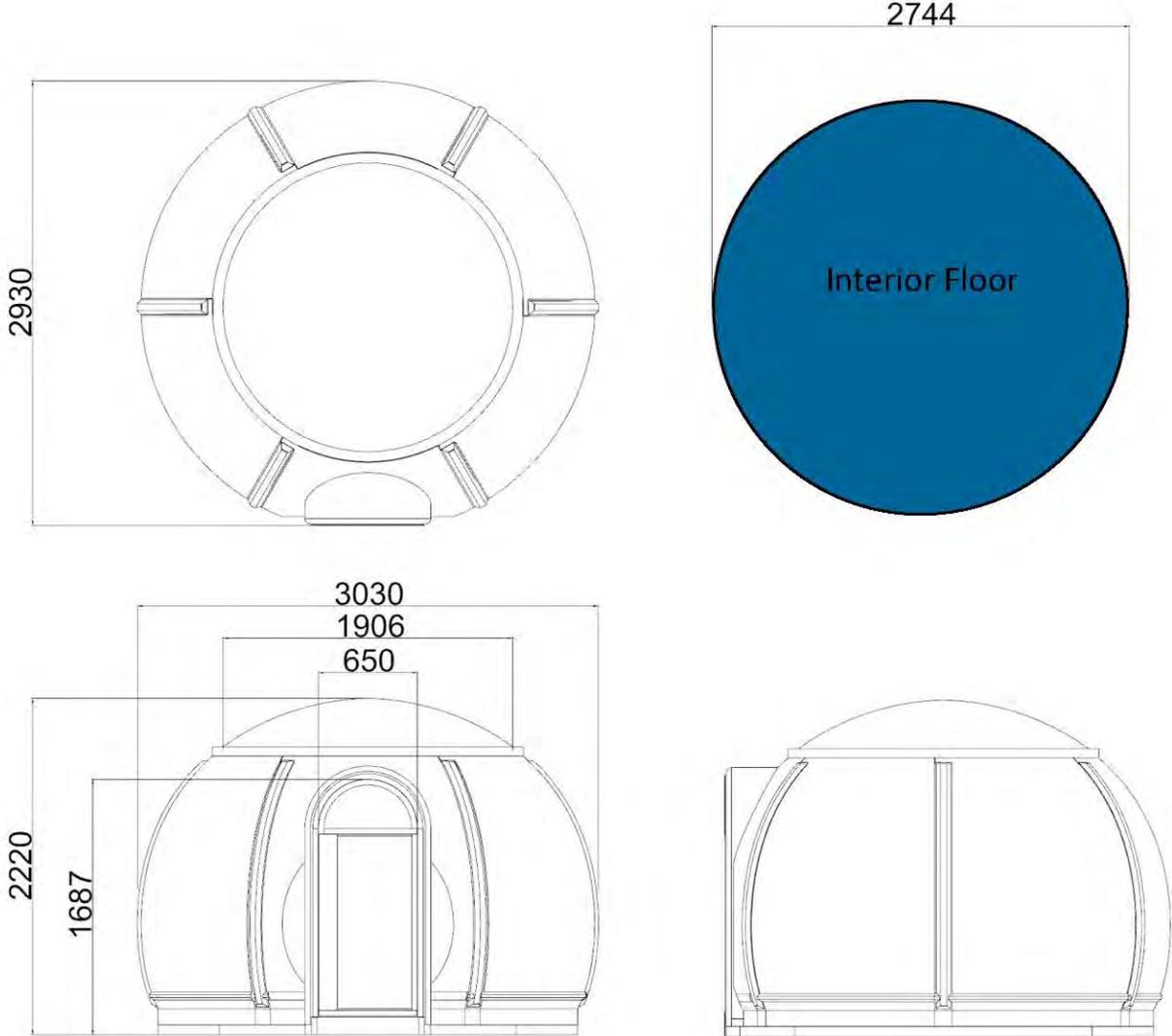
Warranty: Main Frame 3 years

Installation: Modular splicing + screw fixation

Application: 1-2 person

Application recommendation: Single/Double Person hotel or Children's room

Bubble House-3M Size (Unit: mm)



Specification



Bubble House-4M

Size: Φ 4M*H2.7M

Interior Space: 12.5m²

Main Materials: UV resistant coating polycarbonate + aviation aluminum

Standard: PC dome + aluminum platform

Optionals: internal and external sunshade system

Features: Anti-Oxidation, No Smell, Ordless, Anti-flaming,

Weight: 200KG/Set

Physical properties: Strong toughness, high impact resistance

Wind-Resistance: Level 10

Life Span: Standard 30 years life span, 10 year yellow change warranty

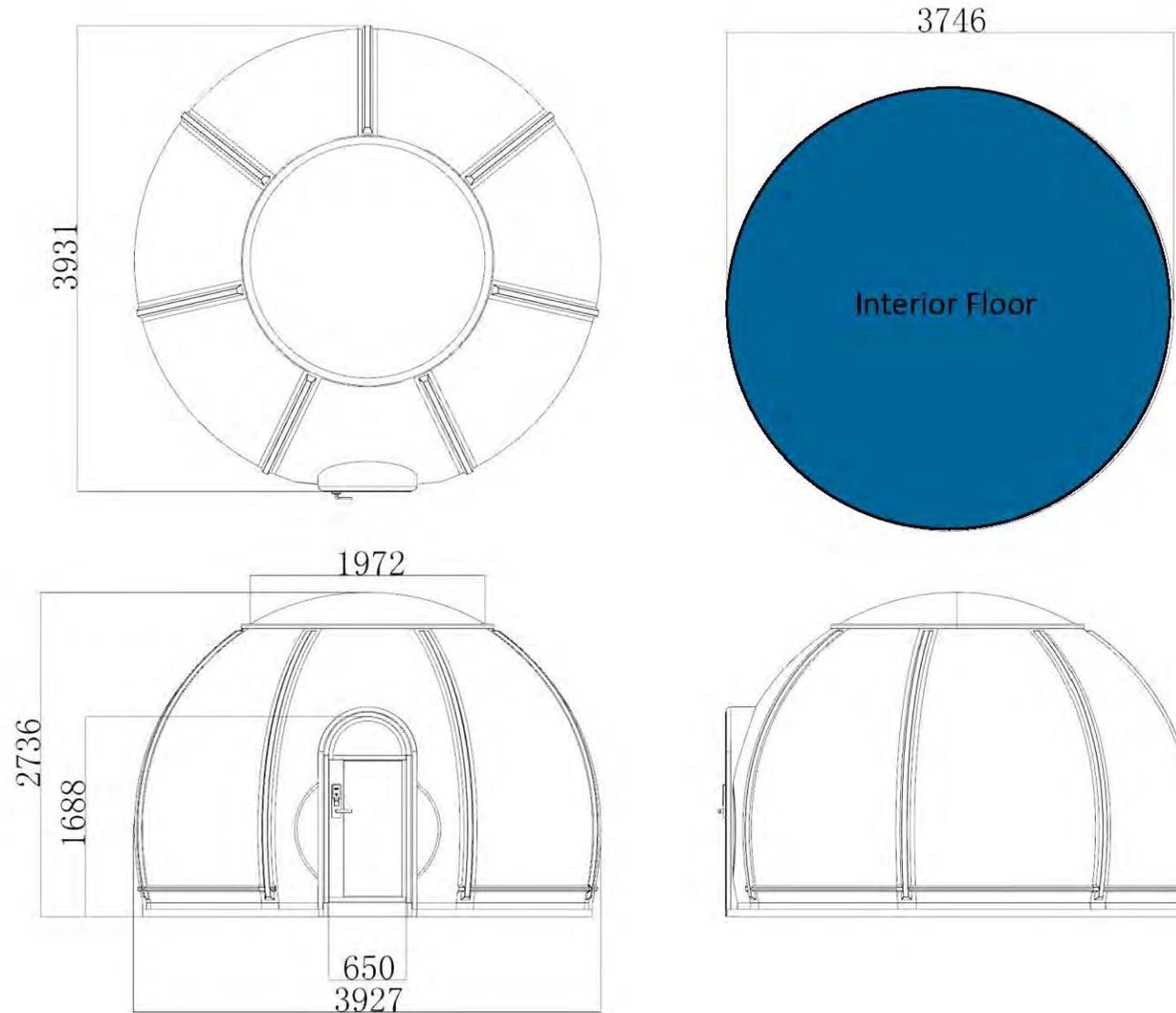
Warranty: Main Frame 3 years

Installation: Modular splicing + screw fixation

Application: 1-2 persons

Application recommendation: Double person hotel, Star View Room or Yoga room Children's room and etc.

Bubble House-4M Size (Unit: mm)



Specification



Bubble House-5M

Size: $\Phi 5M \times H3M$

Interior Space: 19.6m²

Main Materials: UV resistant coating polycarbonate + aviation aluminum

Standard: PC dome + aluminum platform

Optionals: internal and external sunshade system and bathroom

Features: Anti-Oxidation, No Smell, Ordless, Anti-flaming,

Weight: 250KG/Set

Physical properties: Strong toughness, high impact resistance

Wind-Resistance: Level 10

Life Span: Standard 30 years life span, 10 year yellow change warranty

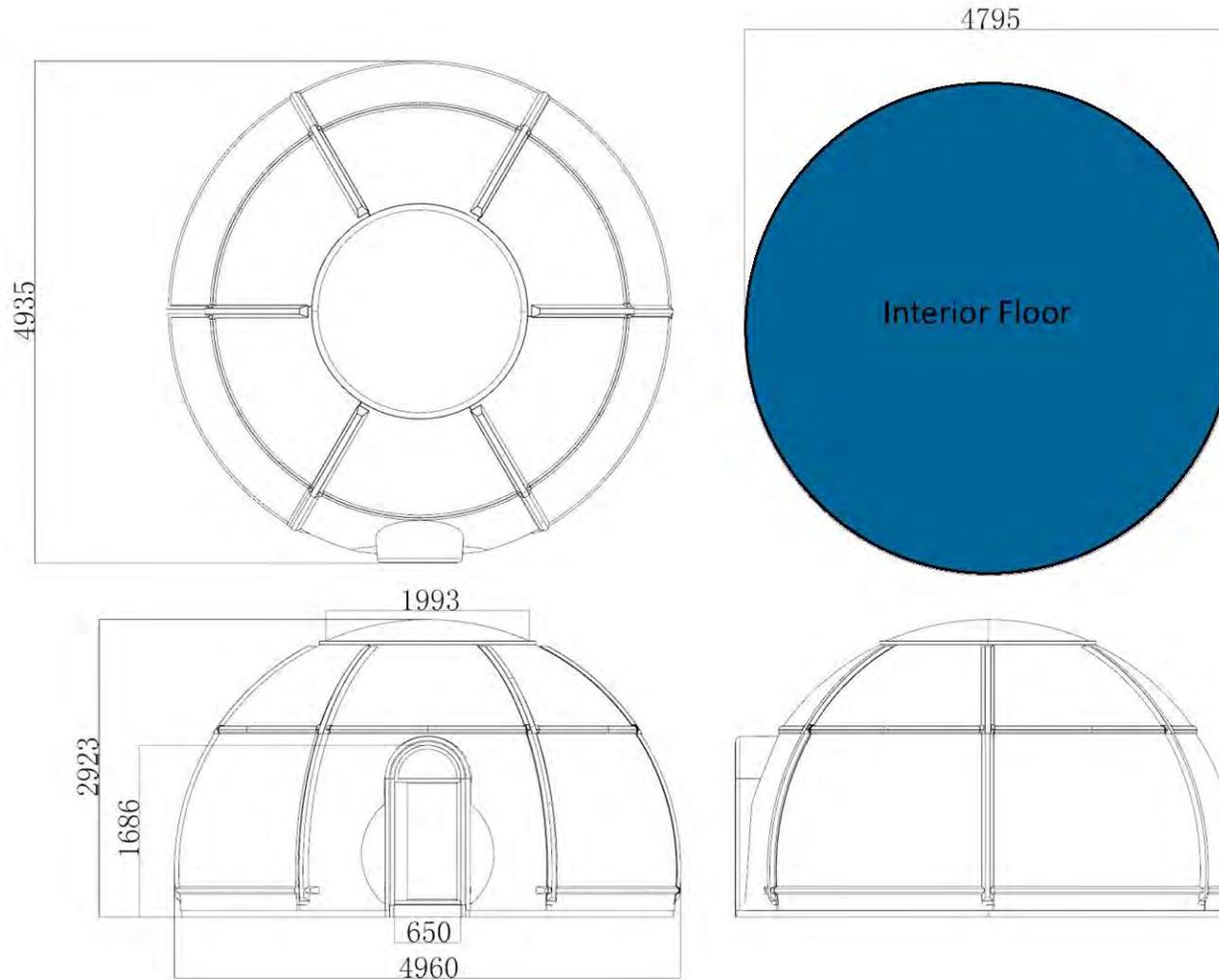
Warranty: Main Frame 3 years

Installation: Modular splicing + screw fixation

Application: 2-3 persons

Application recommendation: luxury hotel room, Deluxe camping house and etc.

Bubble House-5M Size (Unit: mm)



Specification



Bubble House-9M

Size: $\Phi 9M * H5.2M$

Interior Space: 80m² (can design to be 3bedroom houses)

Main Materials: UV resistant coating polycarbonate + aviation aluminum

Standard: PC dome + aluminum platform

Optionals: internal and external sunshade system

Features: Anti-Oxidation, No Smell, Ordless, Anti-flaming,

Weight: 350KG/Set

Physical properties: Strong toughness, high impact resistance

Wind-Resistance: Level 10

Life Span: Standard 30 years life span, 10 year yellow change warranty

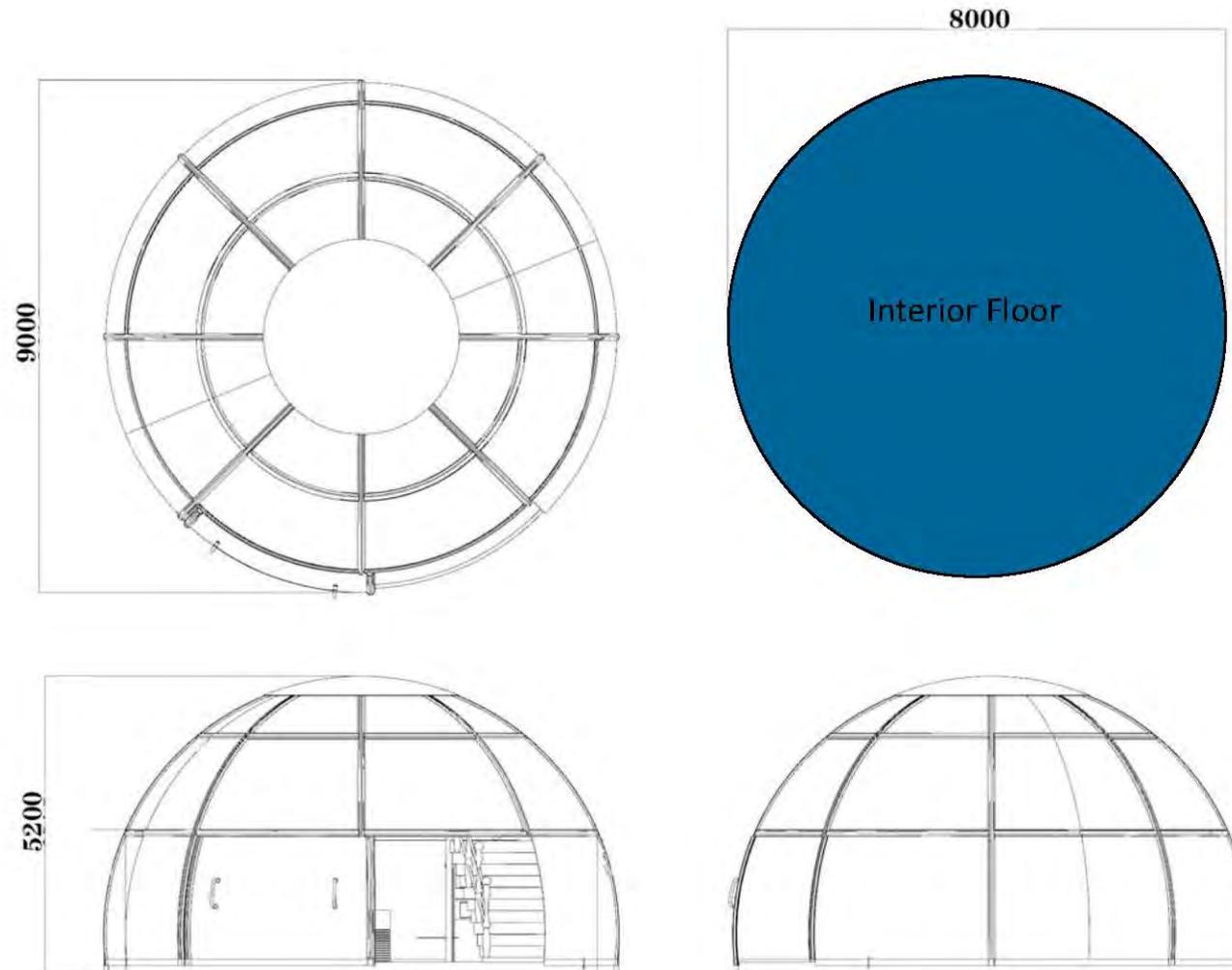
Warranty: Main Frame 3 years

Installation: Modular splicing + screw fixation

Application: 15-20 persons

Application recommendation: house, active center, etc.

Bubble House-9M Size (Unit: mm)



Technical Data

5mm ploycarbonate panel sound insulation	
Sonic frequency (HZ)	Sound resistance (dB)
100	/
125	14
160	15
200	16
250	18
315	19
400	21
500	23
630	24
800	25
1000	26

Main Technical Data and Standard

5mm polycarbonate panel sound insulation		
ITEM	DATA	Standard
DENSITY	1.1953g/cm ³	GB/T 1033
Tensile Strength	Longitudinal 68.0MPa	GB/T 1040
	Transverse 66.6MPa	GB/T 1040
Tensile breaking strength	Longitudinal 126MPa	GB/T 1040
	Transverse 114MPa	GB/T 1040
Tensile modulus of elasticity	Longitudinal 2.45GPa	GB/T 1040
	Transverse 2.39GPa	GB/T 1040
Charpy Notched Impact Strength	Longitudinal 11.0KJ/m ²	GB/T 1043.1-2008
	Transverse 11.4KJ/m ²	GB/T 1043.1-2008
Heat distortion temperature (1.8MPa)	137.7°C	GB/T 1634
Transmittance	88%	GB2680-1994
Weatherability	10years	/

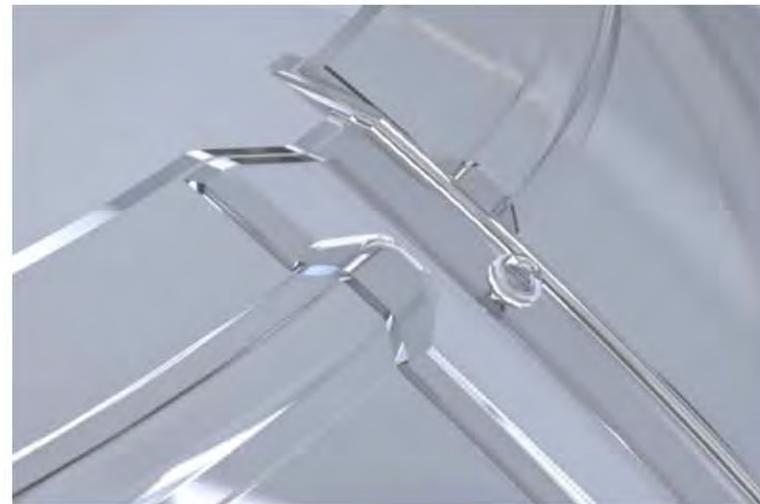
Installation and Attentions

Installation

- Please wear gloves while installation to prevent scratching the product parts
- Please make sure the hole position of each part shall be aligned, and then the silica gel pad and screws shall be padded.

Attentions

- Avoid the products from the strong acid and alkali and other corrosive organic solvents,
- Prevent sharp objects from scratching product,
- Handle and put with care,



Internal Decoration Reference



Case Galleries



THANKS

