



Shelter Architecture Technology (GuangDong) Co.,Ltd
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SHELTER ARCHITECTURE TECHNOLOGY

ONE STOP MODULAR SOLUTION

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PRODUCT MANUALS
Shelter Architecture Technology (GuangDong) Co.,Ltd

SHELTER ARCHITECTURE TECHNOLOGY

SHELTER STRUCTURES is an internationally successful specialist for mobile and modular space solutions. Shelter has headquartered in Guangzhou, China with over 15 years. Our quality and effective building technology are endorsed by an extensive number of projects in our portfolio.

From design, engineering, manufacturing, and installation, Shelter prides itself on its role as a premium supplier. The fundamental aim is to achieve the highest levels of customer satisfaction through the provision of first-class tent solutions and comprehensive service offer.





ONE STOP MODULAR INTEGRATED SOLUTIONS

01 | Planning & design

An experienced team of 3D designers will render the concept of your project.

02 | Engineering

Using advanced wind calculation systems, all the structure could meet the engineer standard in any locations.

03 | Manufacturing

Shelter's factory is in charge of manufacturing and pre-assembly for all projects. The entire manufacturing process is certified in accordance with the ISO 9001:2021.

04 | Shipping

All the structure and components can be packed to fit inside containers to be transported.

05 | Installation

As the structure itself is pre-fabricated in the factory, the onsite installation will take short time. Even in remote areas, the installation process will be smooth with limited labor and equipment.

06 | Maintenance

Aluminum alloy offers perfect performance in corrosion. The maintenance cost is minimal.

WHAT WE CAN DO

10k sqm

Avg. daily production capacity

200 km/h

Max. wind load (125mph)

60 m

Max. width, no limited of lenght

125 kg/m²

Max. snow load

10 m

Max. eave height

3 level

Max. level of the structure

20 m

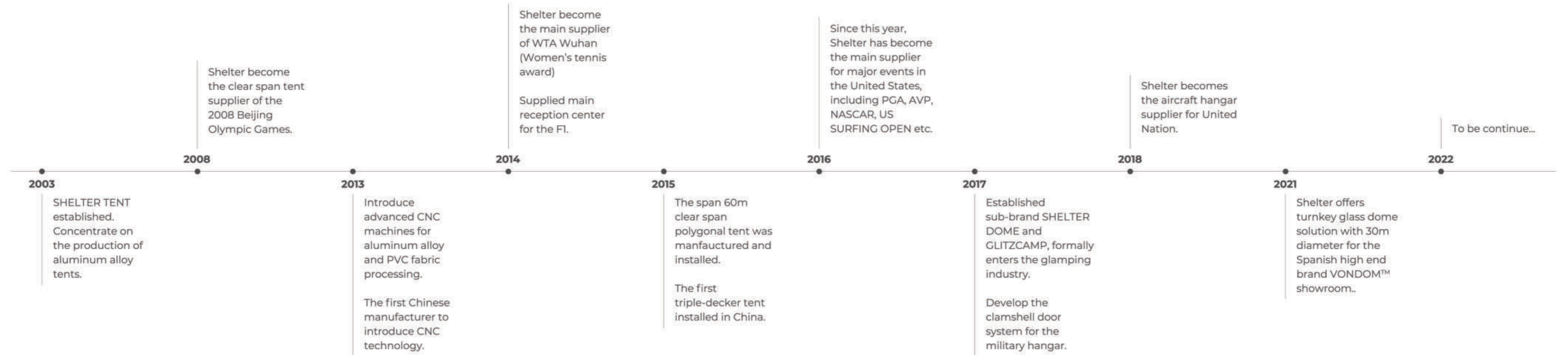
Max. ridge height

95 %

of the building can be reused when relocation



SHELTER MILESTONE



Pagoda & canopy

Our canopy tent features a sturdy, lightweight aluminum frame that is easy to assemble and can withstand the elements. The tent cover is made from waterproof, UV-resistant PVC fabric, ensuring that your guests and equipment stay dry and protected from the sun.

Shelter Canopy Tent is not only functional, but it also adds a professional touch to your event. The tent features a sleek and modern design, making it the perfect choice for outdoor weddings, parties, and corporate events. The customizable canopy allows you to add your logo or branding.



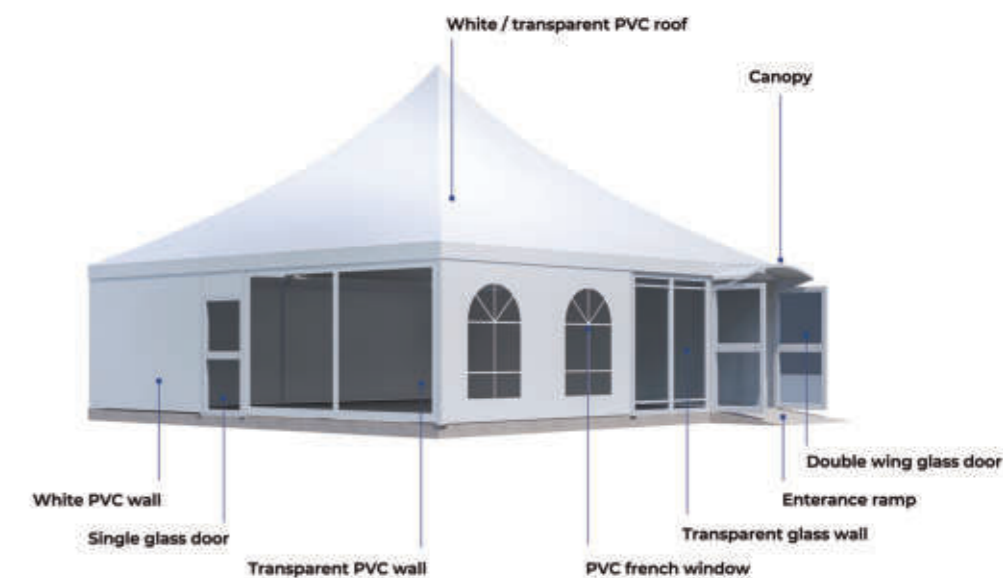
Features

- Available frame profile: 63*63*1.8mm, 64*64*2.5mm; 122*68*3mm,
- All the cover PVC fabric is certified for DIN4102 B1 M2 and NFPA 701 fire retardant.
- Canopies can be connected with other structures as entrance or lobby area.
- All the accessories is available for all canopies.

Product specifications

C Series	Item	Span (m)	Eave height (m)	Ridge height (m)
	C003003	3.00	2.50	4.32
	C004004	4.00	2.50	4.85
	C005005	5.00	2.50	5.50
	C006006	6.00	2.50	5.95
	C008008	8.00	2.60	6.40
	C010010	10.00	2.60	6.80

Accessories



Door options

- Single door
- Double door

Roof options

- White PVC roof
- Transparent PVC roof

Wall options

- White PVC wall
- Transparent PVC wall
- PVC french window
- Transparent glass wall

Accessories

- Entrance ramp
- Canopy
- Decorative linings
- Wooden floor
- Cassette flooring
- Reinforced beam

Small party tent

Small party tent is the perfect option for any outdoor celebration and events. Our party tent combines a sleek and modern design with top-quality materials, providing a reliable and professional tent system that is easy to assemble and transport.


The elegant design of the party tent makes it a popular choice among event organizers and rental companies worldwide. Its clear span design allows for unobstructed views and plenty of space for guests and equipment. The tent also features transparent windows and removable side panels, allowing you to customize the level of ventilation and natural light.





Features

- Available framework profiles: 84*48*3mm; 120*48*3mm; 122*68*3mm,
- Unlimited expansion in increments of 3.00m.
- Within small party tent series, most components are interchangeable with each other.
- All the PVC fabric of party tent has been tested for fire retardant DIN4102 B1 M2 and NPFA 701,
- The max. windload of small party tent is 80km/h (50mph)

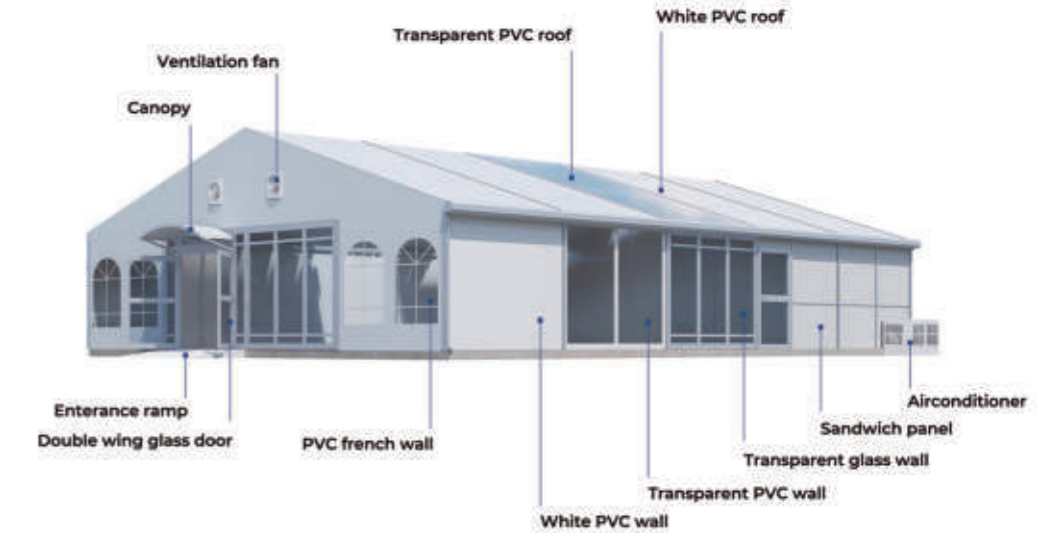
Product specifications

A-Frame Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	S005003	5.00	2.80	3.59
	S006003	6.00	2.80	3.78
	S008003	8.00	2.80	4.20
	S009003	9.00	2.80	4.30
	S010003	10.00	2.80	4.53
	S012003	12.00	2.80	4.87

Curved Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	A010005	10.00	4.00	5.25
	A012005	12.00	4.00	5.55

Multi-side	Item	Span (m)	Eave height (m)	Ridge height (m)
	Hexagon	10.00	3.00	6.40
	Octagon	13.00	3.00	7.35

Accessories



Door options

- Single door
- Double door

Wall options

- 650GSM White PVC wall
- 950GSM Transparent PVC wall
- Transparent glass wall
- PVC french wall
- Sandwich panel wall

Accessories

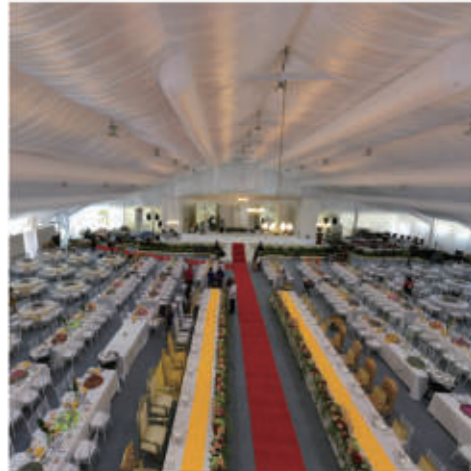
- Entrance ramp
- Canopy
- Decorative linings
- Portal beam
- Wooden floor
- Cassette flooring
- Airconditioner

Roof options

- 850GSM White PVC roof
- 950GSM Transparent PVC roof

Large marquee

A large marquee is an ultimate choice for large-scale events and functions, offering a modern and versatile space solution for weddings, VIP hospitality, festivals, trade shows, product launches, and much more. The marquee is available in span ranging from 10 to 60 meters, making it suitable for any event size. Also, the modular design allows for customization to suit your specific needs.





Features


- Available framework portfile: 112*203*4mm; 166*88*3mm; 120*200*4mm; 120*250*4mm; 120*300*5mm; 120*350*6mm
- Unlimited expansion by adding modular extensions in 5.00m increments.
- The Shelter Marquee Tent is manufactured to withstand wind load up to 120km/h (75mph).
- An extensive range of accessories is available for our Shelter Large Marquee. These include various of wall, doors and interior facilities.
- All the PVC fabric of party tent have been tested for fire retardant DIN4102 B1 M2 and NPFA 701.


Product specifications


A-Frame Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	M010005	10.00	4.00	5.60
	M012005	12.00	4.00	5.88
	M015005	15.00	4.00	6.40
	M016005	16.00	4.00	6.55
	M020005	20.00	4.00	7.25
	M025005	25.00	4.00	7.95
	M030005	30.00	4.00	9.00
	L035005	35.00	4.00	9.80
	L040005	40.00	4.00	10.40
	L050005	50.00	4.00	12.25

Curved Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	A015005	15.00	4.00	6.00
	A020005	20.00	4.00	6.80
	A025005	25.00	4.00	7.60
	A030005	30.00	4.00	8.30
	A035005	35.00	4.00	9.09
	A040005	40.00	4.00	9.90
	A050005	50.00	4.00	11.50

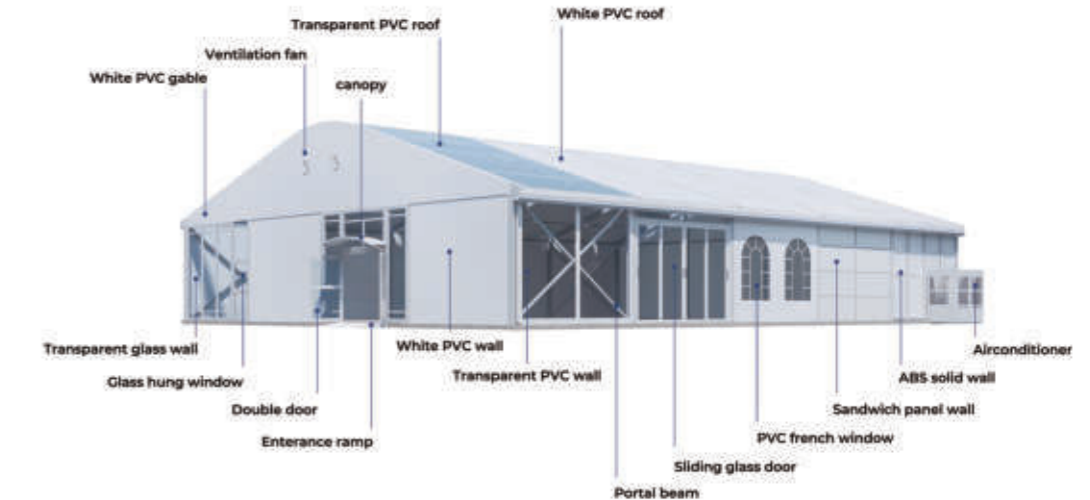
Polygon Tent	Item	Span (m)	Eave height (m)	Ridge height (m)
	DP020005	20.00	4.00	8.22
	DP025005	25.00	4.00	9.76
	DP030005	30.00	4.00	10.91
	DP035005	35.00	4.00	12.45
	DP040005	40.00	4.00	13.46

Muliti-side	Item	Span (m)	Eave height (m)	Ridge height (m)
	Decagon	16.00	4.00	9.45
	Dodecagon	20.00	4.00	9.67
	Tetradecagon	22.00	4.00	10.12
	Hexadecagon	25.00	4.00	10.46
	Octadecagon	30.00	4.00	12.00
	Twenty-four Side	40.00	4.00	13.92

MPT Series	Item	Span (m)	Eave height (m)	Ridge height (m)
	MPT010005	10.00	4.00	8.26
	MPT015005	15.00	4.00	8.88
	MPT020005	20.00	4.00	9.67
	MPT025005	25.00	4.00	11.50

Flat Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	F010005	10.00	4.00	4.67
	F015005	15.00	4.00	5.07
	F020005	20.00	4.00	5.07
	F025005	25.00	4.00	5.10

Accessories



Door options

- Single door
- Double door
- Glass sliding door
- PVC door with zipper

Roof options

- 850GSM White PVC
- 950GSM Transparent PVC

Wall options

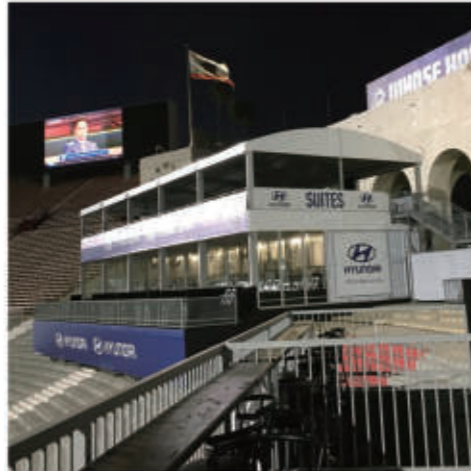
- 650GSM White PVC
- 950GSM Transparent PVC
- Transparent glass wall
- ABS solid wall
- Sandwich panel
- PVC french window
- Glass hung window

Accessories

- Entrance ramp
- Canopy
- Portal beam
- Wooden floor
- Cassette floor

Double decker structure


Our innovative double deck tent combines breathtaking aesthetics with outstanding functionality, providing the ultimate space solution for your event. All the accessories are designed to enhance the aesthetic appeal of the tent while providing practical solutions to meet the needs of your event. Double decker tent are widely used in VIP hospitality, sports events, and branding. Also, we are the first Chinese supplier who designs and manufactures the triple decker structures.





Features

- Available framework profile: 112*203*4mm; 120*250*4mm; 120*300*5mm. Increase the usable area where space is limited.
- All of the rooftop designs can be supplied: A-frame, curved roof, cube roof, high peak, and single-slope.
- Available in two-level or three-level construction.
- Can be designed to fully meet regional wind and snow load requirements.
- Our range of accessories includes interior and exterior stairs, balconies, insulated glass, entrance, lighting and air conditioning.

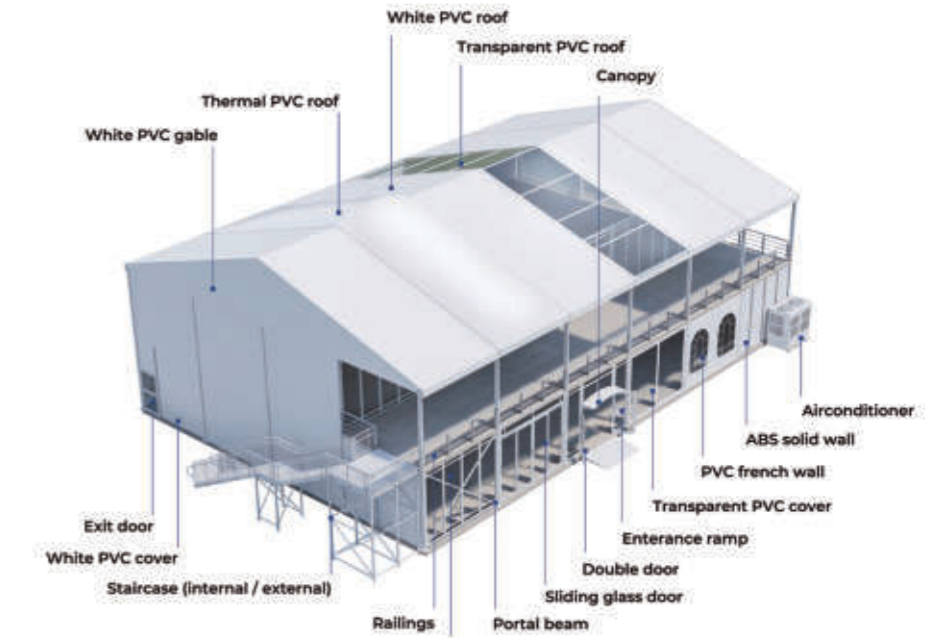
Product specifications

A-frame Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	D010005	15.00	8.00	9.80
	D015005	20.00	8.00	10.60
	D020005	25.00	8.00	11.50
	D025005	30.00	8.00	12.20
	D030005	35.00	8.00	13.00

Curved Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	D010005	15.00	8.00	9.25
	D015005	20.00	8.00	10.00
	D020005	25.00	8.00	10.80
	D025005	30.00	8.00	11.60
	D030005	35.00	8.00	12.30

Cube Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	D010005	15.00	8.00	8.67
	D015005	20.00	8.00	9.07
	D020005	25.00	8.00	9.07
	D025005	30.00	8.00	9.10

Accessories



Door options

- Single exit door
- Double door
- Sliding glass door
- PVC door with zipper

Wall options

- ABS solid wall
- PVC french wall
- 950GSM transparent PVC
- 650GSM white PVC
- Sandwich panel wall

Accessories

- Entrance ramp
- Canopy
- Decorative linings
- Portal beam
- Railings
- Wooden floor
- Cassette flooring

Roof options

- 850GSM White PVC
- 950GSM Transparent PVC
- Thermal PVC roof

Sports and Recreation


Our Sports Buildings have been specifically designed to facilitate exceptional performance in elite sports. The modular facilities are crafted to provide a temporary yet top-notch environment that is both high-quality and cost-effective. The structures are perfect for indoor sports and can withstand any weather conditions. Their modular construction features allow for a variety of span widths and impressive interior heights without any obstruction. So, whether you're into ball sports or swimming, our Sports Buildings have got you covered as the ideal solution for all your recreational sports needs.





Features


- Available framework profiles: 122*68*3mm; 112*202*4mm; 120*250*4mm; 120*300*4mm; 130*310*5mm.
- With straight or sloping uprights options for different appearance design.
- The roofing and gable could be chosen in single layer or double layer thermal PVC fabric, sheet metal or with insulating sandwich panels.
- All systems can be designed to meet site-specific wind and snow load requirements.
- Choose the accessories include insulated glass or fixed walls, escape doors, lighting and more.
- Available in premium design - retractable rooftop, switching the indoor and outdoor environment at any time.

Product specifications

A-Frame Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	L030005	30.00	4.03	9.00
	L035005	35.00	4.03	9.80
	L040005	40.00	4.03	10.40
	L050005	50.00	4.03	12.25

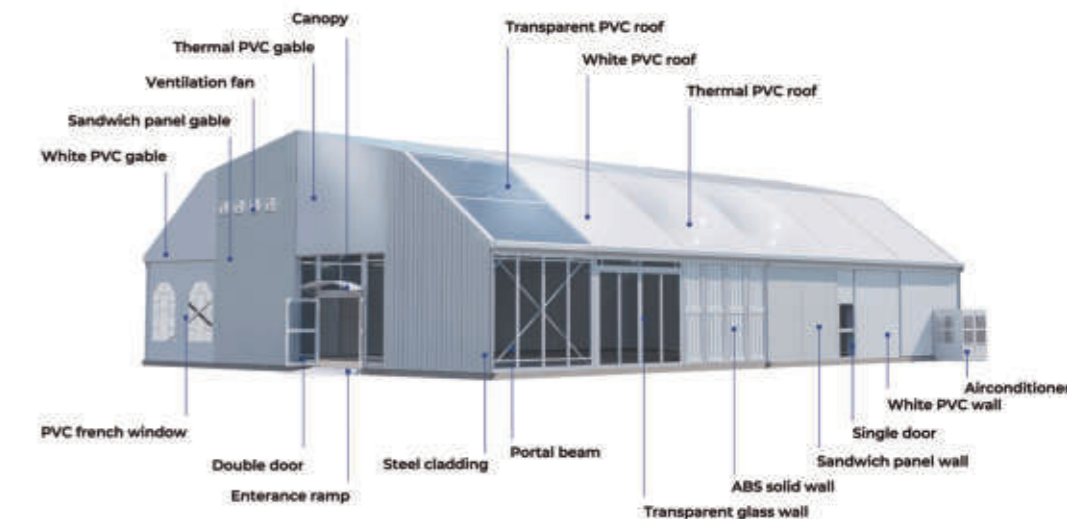
Tension Fabric Structure	Item	Span (m)	Eave height (m)	Ridge height (m)
	T030005	30.00	4.00	11.69
	T035005	35.00	4.00	12.85

Curved roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	A030005	30.00	4.03	8.30
	A035005	35.00	4.03	9.09
	A040005	40.00	4.03	9.90
	A050005	50.00	4.03	11.50

Polygon Tent	Item	Span (m)	Eave height (m)	Ridge height (m)
	DP030005	30.00	4.00	10.91
	DP035005	35.00	4.00	12.45
	DP040005	40.00	4.00	13.46

Capsule	Item	Span (m)	Eave height (m)	Ridge height (m)
	Capsule020005	20.00	4.00	8.22

Accessories



Door options

- Single door
- Double door
- PVC door with zipper

Wall options

- 650GSM white PVC
- 950GSM transparent PVC
- Sandwich panel wall
- Steel cladding wall
- Transparent glass wall

Accessories

- Entrance ramp
- Canopy
- Portal beam
- Reinforced beam
- Wooden floor

Roof & gable options

- 850GSM white PVC
- 950GSM transparent PVC
- Thermal PVC roof
- Thermal PVC gable
- Sandwich panel gable
- Steel cladding gable

Industrial building

Our Industrial Buildings are the perfect combination of stability, durability, and affordability. Compared to conventional construction methods, our Industrial Buildings are quick and easy to install, saving you time and money on construction costs. Our buildings are available in a range of sizes and configurations, making them suitable for a variety of applications.


Our Industrial buildings are suitable for a wide range of applications, including shipping, logistics, retail, exhibitions, manufacturing, industrial, retail space, military, aviation, marine and mining.





Features


- Available framework profiles: 120*300*5mm; 120*350*6mm; 120*400*6mm; 130*310*5mm and stronger size for extreme situations.
- Choose between roofing in PVC (single layer or thermal insulating), in sheet metal or with insulating sandwich panels.
- 98% of structures and components can be reused in other locations and have a minimal environmental impact.
- Designed for semi-permanent and permanent use stronger framework and cover materials.
- 100% prefabricated structures allow quick assembly on site, even in a remote area.

Product specifications

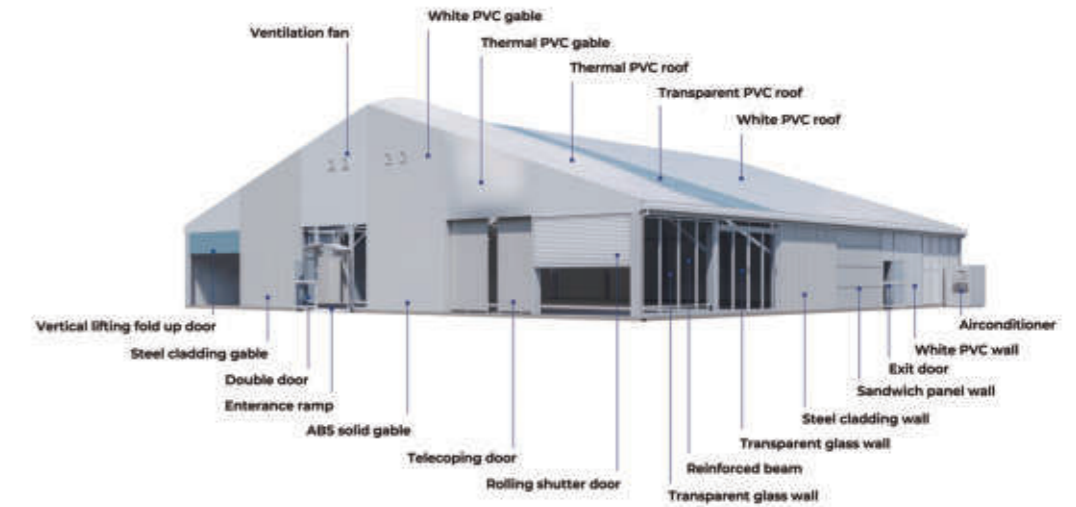
A-Frame Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	L030005	30.00	4.03	9.00
	L035005	35.00	4.03	9.80
	L040005	40.00	4.03	10.40
	L050005	50.00	4.03	12.25

Tension Fabric Structure	Item	Span (m)	Eave height (m)	Ridge height (m)
	T015005	15.00	4.00	8.08
	T020005	20.00	4.00	9.24
	T025005	25.00	4.00	10.40
	T030005	30.00	4.00	11.69
	T035005	35.00	4.00	12.85

Curved Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	A030005	30.00	4.03	8.30
	A035005	35.00	4.03	9.09
	A040005	40.00	4.03	9.90
	A050005	50.00	4.03	11.50

Polygonal	Item	Span (m)	Eave height (m)	Ridge height (m)
	DP030005	30.00	4.00	10.91
	DP035005	35.00	4.00	12.45
	DP040005	40.00	4.00	13.46

Accessories



Door options

- Single door
- Double door
- Rolling shutter door
- Telecoping door
- Vertical lifting fold up door

Wall options

- 650GSM white PVC
- 950GSM transparent PVC
- Sandwich panel wall
- Steel cladding wall
- Transparent glass wall

Accessories

- Entrance ramp
- Canopy
- Portal beam
- Reinforced beam
- Wooden floor

Roof & gable options

- 850GSM white PVC
- 950GSM transparent PVC
- Thermal PVC roof
- Thermal PVC gable
- Sandwich panel gable
- Steel cladding gable

Hangar structure


Our aircraft hangar structure is designed for quick and efficient installation, with no need for foundations or civil works thanks to their ground-staking system. They are also equipped with pre-mounted structural elements, which further simplify the assembly process. This allows for faster and more cost-effective construction compared to traditional buildings. Additionally, our hangars are fully modular, providing flexibility for future expansion or relocation. This adaptability allows for long-term operability and the ability to adjust the size or location of the hangar according to changing operational needs.





Features

- Available framework profiles: 120*300*5mm; 120*350*6mm; 120*400*6mm; 130*310*5mm and stronger size for extreme situations.
- Quick erect in remote areas by limited labor and machinery. 98% of components can be reused in other locations.
- Choose the door system from clamshell door, telescoping door, vertical lifting fold-up door, which are specifically designed for hangars.

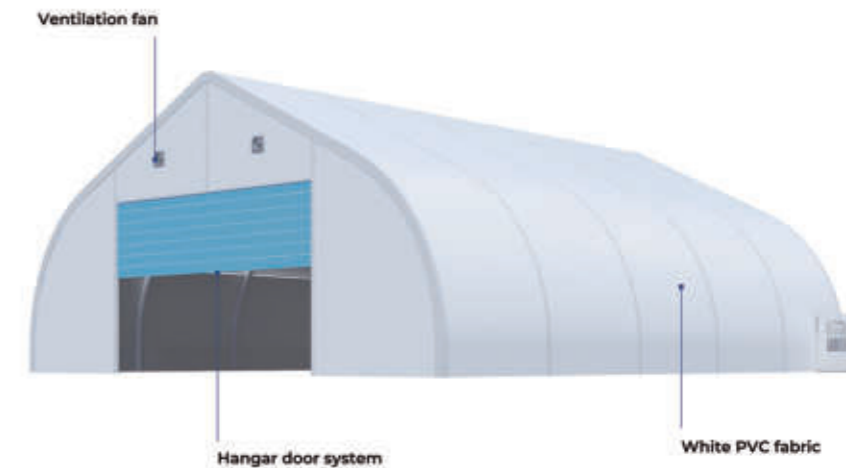
Product specifications

A-Frame Roof	Item	Span (m)	Eave height (m)	Ridge height (m)
	L030005	30.00	4.03	9.00
	L035005	35.00	4.03	9.80
	L040005	40.00	4.03	10.40
	L050005	50.00	4.03	12.25

Tension Fabric Structure	Item	Span (m)	Eave height (m)	Ridge height (m)
	T015005	15.00	4.00	8.08
	T020005	20.00	4.00	9.24
	T025005	25.00	4.00	10.40
	T030005	30.00	4.00	11.69
	T035005	35.00	4.00	12.85

Polygon Tent	Item	Span (m)	Eave height (m)	Ridge height (m)
	DP030005	30.00	4.00	10.91
	DP035005	35.00	4.00	12.45
	DP040005	40.00	4.00	13.46

Accessories



Hangar door system

- Clamshell door
- Telescoping door
- Vertical lifting fold up door

Wall options

- 850GSM PVC fabric

Accessories

- Entrance ramp
- Ventilation fan

Military Tent




Our versatile military tents are ideal for a variety of purposes, including as a command center, canteen, storage facility, maintenance hall, or simply a place to rest. These tents are designed to meet the most demanding requirements and can be quickly and easily connected to other tents and containers to expand your available space. With a range of standard sizes available, our tent systems have been proven to withstand extreme and challenging conditions all over the globe. Lightweight and quick to assemble, our modular tents provide essential protection for employees and equipment while creating much-needed space in any location worldwide.



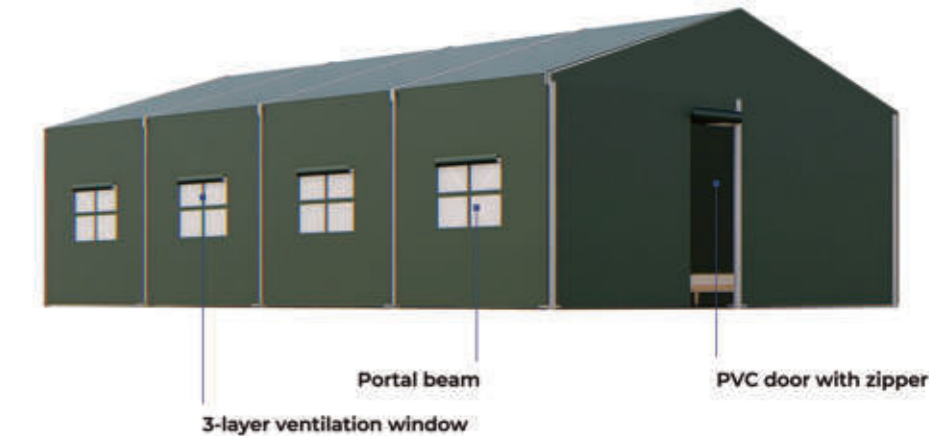
Features

- Available framework profiles: 94*48*3mm.
- A wide range of variations and configurations is available to choose from, including different types of doors, windows, flooring systems, lighting units, room air conditioners and heating systems.
- Lightweight and modular components allow the installation to progress smoothly and efficiently.
- Various exterior colors options.

Product specifications

Military Tent	Item	Span (m)	Eave height (m)	Ridge height (m)
	MT006003	6.00	2.27	3.36
	MT008003	8.00	2.27	3.96
Field Tent	Item	Span (m)	Eave height (m)	Ridge height (m)
	Field006024	6.00	/	3.00
Flysheet Tent	Item	Span (m)	Eave height (m)	Ridge height (m)
	Flysheet006002	6.00	/	3.00

Accessories



Door & window options

- Rolling door with zipper
- Single aluminium door
- Ventilation window

Wall options

- 710GSM PVC fabric

Accessories

- Insulation layer
- Portal beam



LOUNGE & SHOWROOM

Location: United States Width: 20.00m Length: 40.00m Eave height: 8.00m



CONFERENCE

Location: Mauritius Width: 20.00m Length: 40.00m Eave height: 4.00m



ROOFTOP HOSPITALITY

Location: United States Width: 12.00m Length: 35.00m Eave height: 3.00m



SHOWROOM

Location: Spain Diameter: 30.00m Height: 11.50m



WEDDING HALL

Location: United States Width: 15.00m Length: 30.00m Eave height: 4.00m/6.00m



LOGISTIC WAREHOUSE

Location: Chile Width: 25.00m Length: 70.00m Eave height: 6.00m



VIP HOSPITALITY

Location: United States Width: 10.00m Length: 25.00m Eave height: 8.00m



SHOWROOM

Location: United States Width: 25.00m Length: 70.00m Eave height: 6.00m



WEDDING HALL

Location: Ireland Width: 20.00m Length: 20.00m Eave height: 3.00m



SPORTS ARENA

Location: Russia Diameter: 33.00m Height: 13.00m



OFFICIAL STORE

Location: United States Width: 20.00m Length: 20.00m Eave height: 6.00m



RECEPTION CENTER

Location: Jordan Diameter: 20.00m / 10.00m / 8.00m Total Footing: 910sqm



LOGISTIC LOADING BAY

Location: Chile Width: 25.00m Length: 30.00m Eave height: 4.00m



HOSPITALITY

Location: Philippines Width: 25.00m Length: 50.00m Eave height: 4.00m



INDUSTRIAL STORAGE

Location: Chile Width: 15.00m Length: 60.00m Eave height: 6.00m



LOGISTIC CENTER

Location: Chile Width: 20.00m Length: 60.00m Eave height: 6.00m

COMPATIBLE SYSTEM

Our compatible building systems provide unparalleled flexibility and design freedom as they can be easily combined with other manufacturers' ranges. This feature allows you to switch to our range of Compatible Tent Systems at any time without any inconvenience, in case your existing supplier fails to meet your requirements in terms of selection or delivery times.

With our compatible tent systems, you have the freedom to choose from a wider range of options, irrespective of the supplier. Our tents have been designed to be fully compatible with various popular systems from other manufacturers, enabling tent rental companies to provide customers with more financially competitive alternatives for new equipment investments. So, whether you're a tent rental company or a customer looking for a tent, our Compatible Tent Systems are the perfect solution for your needs.



INTERCHANGEABLE RAFTERS

One of the key benefits of our tent structures is the utilization of interchangeable rafters, which allows for flexible adjustment of the span of the tent to accommodate different capacities. This feature enables our outdoor space solutions to be highly adaptable, making them suitable for a wide range of events and occasions, from intimate gatherings to large-scale concerts and festivals.

In addition to the flexibility that interchangeable rafters provide, this design feature also offers significant economic advantages. By enabling the tent's span to be easily adjusted without the need for additional parts or equipment, our tents are highly cost-effective, providing a budget-friendly solution for customers without compromising on quality or functionality. With our outdoor space solutions, you can have the flexibility and versatility you need, all while saving on costs.



FREELY SELECTABLE

We have designed our modular tents to be highly adaptable, with all accessories, including walls, entrances, and roofing, freely interchangeable with a variety of materials. In the past, once a tent was assembled, changing the appearance or function of the structure was difficult due to incompatible accessories. However, with our modular design, you can easily swap out accessories to suit different needs, giving you the flexibility and versatility you need for your event or project.

This modular approach provides a cost-effective solution for customers without compromising on quality or functionality. Whether you need to adapt your tent for different weather conditions or to create a new look for your event, our modular tents offer a practical and budget-friendly solution.



Rooftop Design

Canopy



High peak canopy

Marquee tent



A-frame roof (small)



A-frame roof (large)



Curved roof



Polygonal



Flat top



Capsule tent



Mixed party tent



Multi-side

Multi-level structure



A-frame roof



Curved roof



Flat top

Industrial building



A-frame roof



Curved roof



Tension fabric structure

Sport and recreation



A-frame roof



Curved roof



Tension fabric structure



Polygonal

Hangar structure



Tension fabric structure



A-frame roof



Polygonal

Military tent



Military tent



Field tent



Flysheet tent