



# SHELTER STRUCTURES

ELEVATING THE STANDARD IN CLEARSPAN STRUCTURE DESIGN

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Celebrating 10 years of elevating the standard in clearspan structures.

2025  
**PRODUCT MANUALS**

# SHELTER STRUCTURES AMERICA

Shelter Structures America is a leading distributor and developer of large, temporary structures, including clear span tents and buildings. These structures are used for a wide range of purposes, including events, semi-permanent industrial and warehouse needs, emergency response, and sporting facilities. Shelter Structures America has distribution centers in California, Illinois, Arizona, and Virginia, allowing us to serve clients across the U.S., Canada, and Mexico. We offer turnkey solutions, from initial consultation and engineering, and production to delivery.





# MAXIMIZE YOUR VALUE. SIMPLIFY YOUR INVENTORY.

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At Shelter, we redefine the clearspan quality by ensuring it is also truly affordable. Our innovative product line is engineered for complete versatility, allowing components to integrate seamlessly across the entire Shelter system.

This flexibility makes our tent system the financially smartest choice in the market, instantly maximizing your equipment investment. Our commitment to our clients does not end there. When you choose Shelter are choosing to partner with the most forward-thinking leader in clearspan design focused on driving efficiency and securing your competitive advantage. Join the Shelter Structures America family and Let's Build Together.



# THE SHELTER DIFFERENCE

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Shelter Structures America elevates the standard of clear span structures from the ground up. The true measure of a structure's integrity is how it is built. Our commitment to our clients is utilizing the best materials via a certified quality control chain. While others merely source materials, we insist on certified grade aluminum and fully traceable materials processed through a globally recognized, certified manufacturing process. This systematic approach allows us to uphold full and absolute accountability for every structure we deliver, guaranteeing our clients the highest level of performance and unmatched durability.

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.







# ONE STOP MODULAR INTEGRATED SOLUTIONS

## 01 | Planning & Design

Our experienced team will work with you to determine your design. And provide drawings of the finalized design.

## 02 | Engineering

Shelter Structures America offers general and site specific engineering of your structures to assist in any required permitting processes.

## 03 | Manufacturing

Shelter Structures manufactures its products both overseas and in the U.S. Our American manufacturing facility is equipped to produce Berry Compliant structures.

## 04 | Shipping

The structure and components will be shipped directly to your site from one of our nationwide warehouses.

## 05 | Installation

As a turn-key product, all Shelter structures are easily installed by a qualified team. While Shelter does not offer installation service, our team is happy to connect you with a qualified installer in your area.

## 06 | Maintenance

Made of aluminum alloy, our structures are corrosion resistant and require little regular maintenance.

# WHAT WE CAN DO

**10k<sub>sqm</sub> / 100k<sub>sqft</sub>**

Avg. daily production capacity

**150<sub>mph</sub>**

Max. wind load (150 mph)

**70<sub>m</sub>-80<sub>m</sub> / 229'-262'**

Max. span, no limit of length

**125<sub>kg/m<sup>2</sup></sub> / 25<sub>lbs</sub>**

Max. snow load

**15<sub>m</sub> / 50'**

Max. eave height

**3 level**

Max. level of the structure

**25<sub>m</sub> / 82'**

Max. ridge height

**95%-100%**

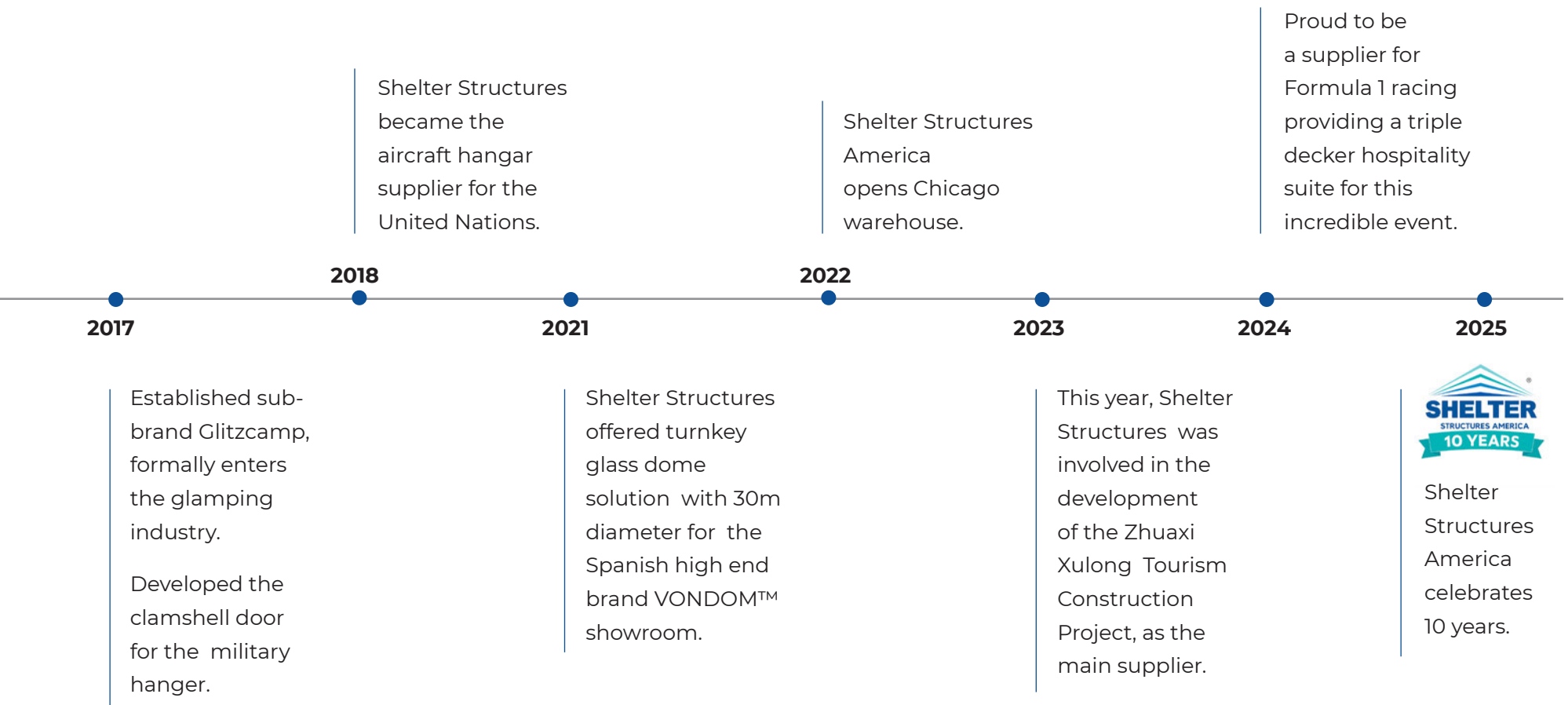
of the tent building can be reused when relocated





# SHELTER STRUCTURES MILESTONES





# Clear Span Tent

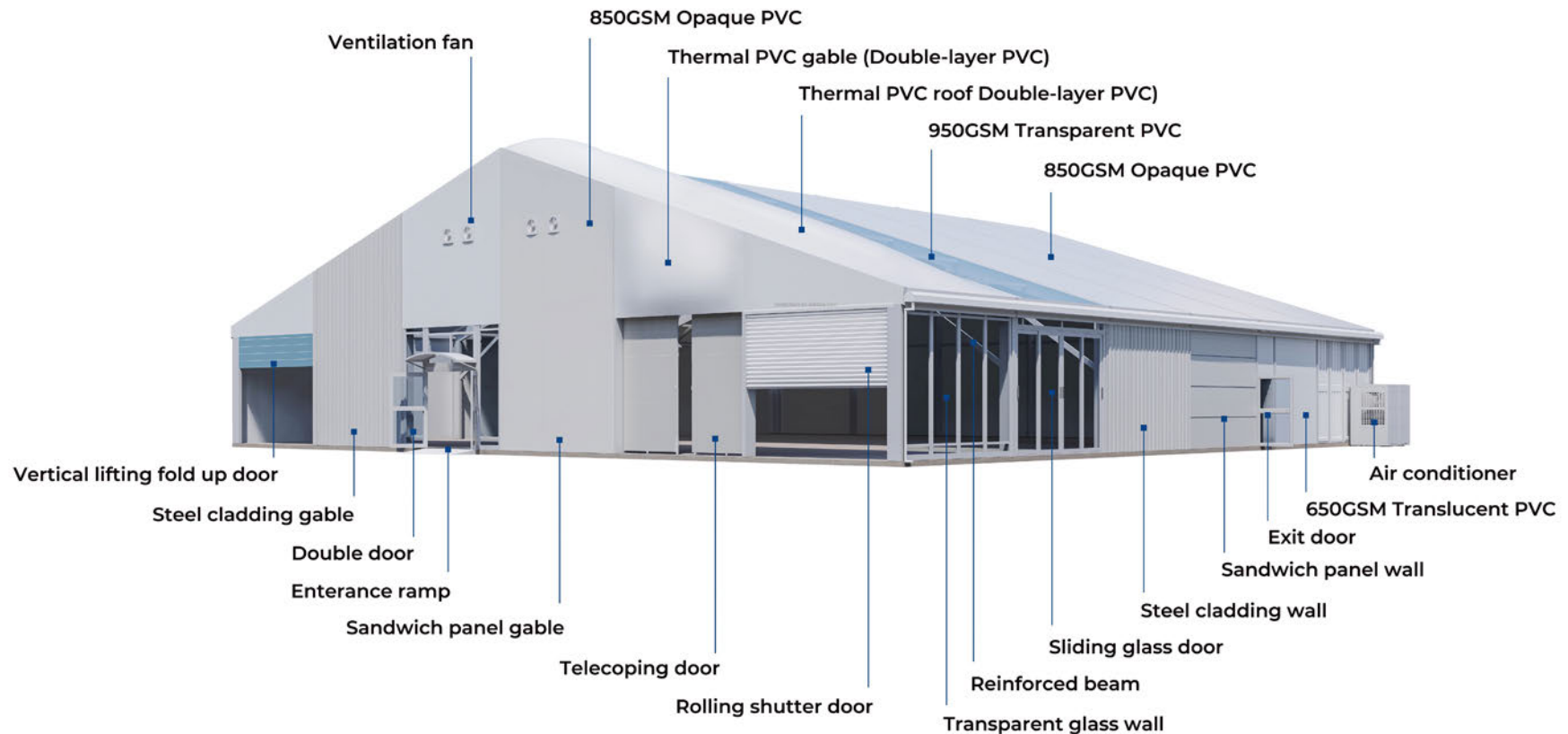
Shelter's clearspan structures are engineered for unparalleled adaptability and durability. Unlike traditional buildings that rely on interior columns or load-bearing walls, our designs provide a completely unobstructed interior space. This structural integrity opens up a world of possibilities, making Shelter structures the superior choice for various applications. The fundamental advantage of a clearspan design is 100% usable space offering the ability to create premium event venues for weddings and galas, corporate trade shows, and VIP activations as well as critical, scalable space for industrial warehousing and workshops, and essential, rapidly deployed structures for emergency and disaster relief. Choosing a Shelter structure is not just a purchase, it is an investment in flexibility, efficiency, and sustainability. Our modular systems are designed for rapid installation and breakdown, significantly reducing construction time and labor costs. Built with high-grade, corrosion-resistant aluminum alloy, and flame retardants and UV resistant fabric, our clearspan tents offer superior durability and safety, providing a high-quality temporary building solution.



## Features

- Available framework profile: 8\*120mm, 120\*200mm, 120\*250mm, 120\*300mm; 120\*350mm, 120\*400mm, 420mm, 500mm and more. Unlimited expansion by adding modular extensions in 3.0/5.0m increments
- Shelter Structures' clear span tents are manufactured to withstand wind loads up to 150mph
- An extensive range of accessories are available for our Shelter Structures clear span tents. These include various options of wall, doors and interior facilities
- All the PVC fabric of clear span tents have been tested for fire retardant DtN4102, B1/M2 and NPFA 701 and are California fire certified.

## Accessories



### Roof Options

- 850GSM Opaque PVC
- 950GSM Transparent PVC
- Steel Cladding
- PVDF 1050
- DVF 850

### Wall Options

- 650GSM Translucent PVC Fabric
- 850GSM Opaque PVC Fabric
- 950GSM Transparent PVC Fabric
- ABS Panel Wall
- Tempered Glass
- Sandwich Panel
- Steel Cladding

### Door Options

- PVC Door with Zipper/ Rope
- Aluminum Door (Single/Double Door)
- Glass Door (Single/Double Door)
- Sliding Door
- Rolling Door
- Clamshell Door

### Flooring System

- Wooden Floor
- Cassette Floor
- Stage Platform System

### Other Accessories

- Air Conditioner
- Lighting
- Insulation
- Entrance Ramp
- Staircase
- Guardrail
- and more

# A-frame Tent

The A-frame tent is a remarkable outdoor shelter and stands out in any setting with its classic A-shape roof. Constructed from durable aluminum alloy, and weather-resistant PVC, it can withstand various weather conditions. The A-frame tent offers ample space and is easy to set up and take down, ideal for outdoor events, industrial storage and military uses. Its charming design and functionality make the A-frame tent a must-have.

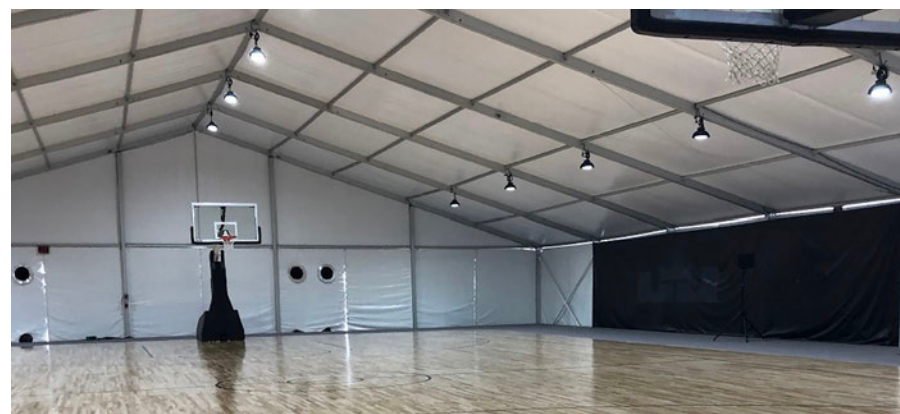


## Features

- Special A-frame roof design to enhance an eye-catching appearance
- Spacious interior without central poles to provide a large venue for events and industry
- Designed with modular components and can be expanded flexibly
- Great adaptability and suitable for any terrains and environment
- Sturdy structures to withstand high wind load and snow loads.

## Product Specification

| Specification of -frame Structures |                                                                                               |                                                                                               |                                                                                                |
|------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Product                            | <br>G-Series | <br>M-Series | <br>L-Series |
| Span (m)                           | 3m - 12m                                                                                      | 10m - 20m                                                                                     | 25m - 70m                                                                                      |
| Eave Height (m)                    | 3.0m                                                                                          | 3.0m/6.0m                                                                                     |                                                                                                |
| Bay Distance (m)                   | 3.0m                                                                                          | 5.0m                                                                                          |                                                                                                |
| Length                             | Expands in 3m increments                                                                      | Expands in 5m increments                                                                      |                                                                                                |
| Main Profile (mm)                  | 48*120                                                                                        | 120*200 or 120*250                                                                            | 120*300 or 120*350                                                                             |
| Max Wind Load*                     | Up to 150 mph                                                                                 |                                                                                               |                                                                                                |
| Roof Panels                        | Heavy Duty UV Coated PVC Fabric                                                               |                                                                                               |                                                                                                |



# Arcum Tent

The Arcum tent stands out in the world of temporary event structures due to its unique and sophisticated curved roof design. Its curves give it a modern, high-end, and visually striking presence, making it a favorite for events where style is paramount. The Arcum's innovative design increases its durability and structural integrity, particularly in inclement weather. Constructed with a hard-pressed aluminum alloy frame, flame-retardant and UV-resistant PVC fabric, the arched roof effectively deflects and disperses wind load better than vertical walls and sharp-angled roofs. The Arcum blends stunning, modern aesthetics with superior engineering, offering a versatile, safe, and highly attractive temporary venue solution.

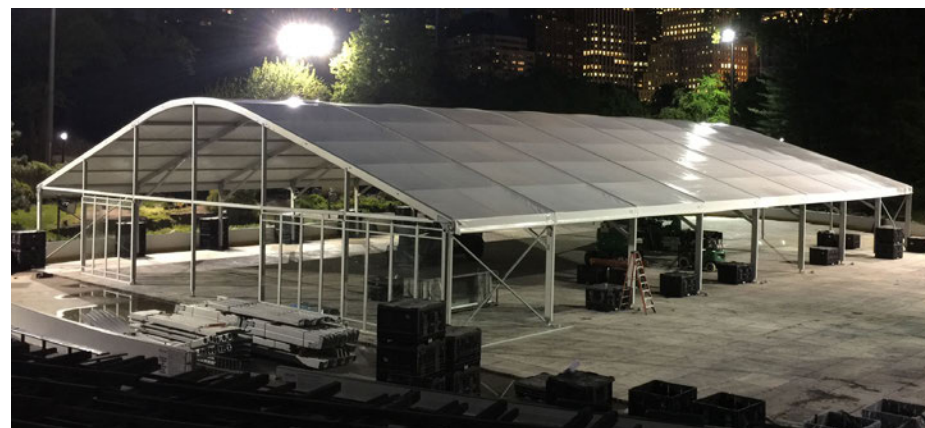


## Features

- The curved roof design is both aesthetically pleasing and enhances resistance to the elements
- The 6061-T6 aluminum alloy and double coated PVC ensure the tent is strong and durable
- The on-site installation only requires combining the modular prefabricated components through screw connections
- No internal support poles provide a completely unobstructed view and freedom of spatial layout
- Tent sizes, colors, and accessories can all be customized to fit perfectly with the event's theme.

## Product Specification

| Specifics of A cum Structures |                                                                                               |                                                                                               |                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Product                       | <br>G-Series | <br>M-Series | <br>L-Series |
| Span (m)                      | 3m - 12m                                                                                      | 10m - 20m                                                                                     | 25m - 50m                                                                                     |
| Eave Height (m)               | 3.0m                                                                                          | 3.0m/6.0m                                                                                     |                                                                                               |
| Bay Distance (m)              | 3.0m                                                                                          | 5.0m                                                                                          |                                                                                               |
| Length                        | Expands in 3m increments                                                                      | Expands in 5m increments                                                                      |                                                                                               |
| Main Profile (mm)             | 48*120                                                                                        | 120*200 or 120*250                                                                            | 120*300 or 120*350                                                                            |
| Max Wind Load*                | Up to 150 mph                                                                                 |                                                                                               |                                                                                               |
| Roof Panels                   | Heavy Duty UV Coated PVC Fabric                                                               |                                                                                               |                                                                                               |



# Polygon Tent

The Polygon Tent masterfully merges architectural flair with uncompromising structural integrity. Its signature feature is the multi-curved roof, a design innovation that goes far beyond aesthetics. The polygon, or poly hall, tent offers a dramatically high ceiling, resulting in significantly enhanced spatial utilization compared to conventional structures. This intelligent geometry also serves a critical function by ensuring more uniform load distribution across the membrane, allowing the tent to effortlessly withstand strong wind and heavy snow loads. The result is not only a visually distinctive and premium venue but one that delivers unrivaled stability and guaranteed safety for any high-profile event.



## Features

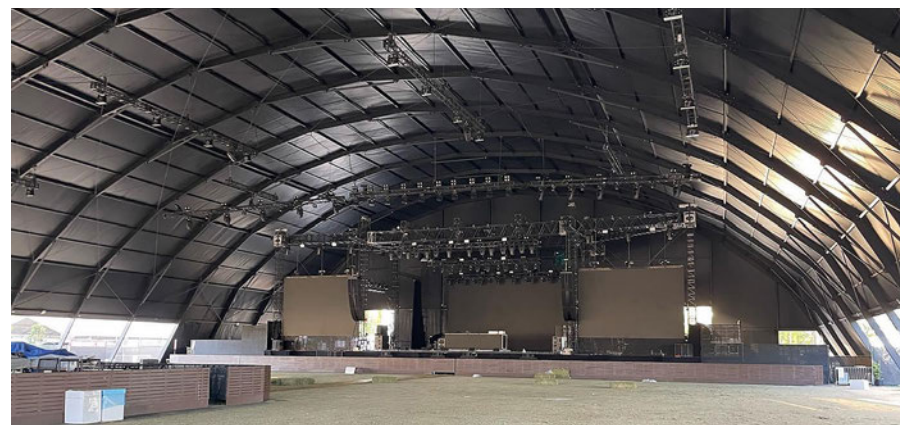
- The unique multi-curved roof stands out to add an aesthetic appeal to any location
- Can be customized with a variety of options, such as doors, windows, and lights
- Spacious Interior without obstacle offers a generous amount of interior space
- Made from high-quality materials that are designed to withstand harsh weather condition
- Sturdy structures to withstand high wind load(up to 120 km/h) and snow loads.

## Product Specification

### Specifics of Polygon Structures



|                   |                                      |              |
|-------------------|--------------------------------------|--------------|
| Span (m)          | 15m - 40m                            | 40m - 70m    |
| Eave Height (m)   | 4.0                                  |              |
| Bay Distance (m)  | 5.0                                  |              |
| Length            | Expands unlimitedly in 5m increments |              |
| Main Profile (mm) | 120*200, 120*250, 120*300, 120*350   | 120*400      |
| Max Wind Load*    | Up to 120mph                         | Up to 120mph |
| Roof Panels       | High Strength PVC Coated Fabric      |              |



# Pavilion Structure

The pavilion structure is an elegant shelter with six or more sides, offering enhanced stability and a spacious interior. Made from durable materials like PVC with aluminum alloy or steel frames, multi-sided tents are built to withstand tough weather conditions while being easy to set up.



## Features

- Eliminate the need for internal poles or support legs, ensuring unobstructed movement inside
- Utilizing lightweight aluminum alloy and modular design components allows for quick assembly
- Adapt to various ground conditions and widely used.
- Unique multi-sided design to enhance an eye-catching appearance
- The symmetrical structure enhances the stability and sturdiness of the overall structure.

## Product Specification

### Specifics of Pavilion Structures



| Product           | Hexagon                         | Decagon | Dodecagon | Hexadecagon | Octadecagon | Twenty-Four Sided Shape |
|-------------------|---------------------------------|---------|-----------|-------------|-------------|-------------------------|
| Span (m)          | 10m                             | 15m     | 20m       | 25m         | 30m         | 40                      |
| Eave Height (m)   | 4.0/6.0m                        |         |           |             |             |                         |
| Main Profile (mm) | 300*120                         |         |           |             |             |                         |
| Max Wind Load*    | Up to 120mph                    |         |           |             |             |                         |
| Roof Panels       | Heavy Duty UV Coated PVC Fabric |         |           |             |             |                         |



# TFS Structure

The TFS tent is an upgraded version of the A-frame tent featuring a unique curved column design and clear span construction. This innovative design not only eliminates internal supports, providing a spacious and unobstructed interior, but also enhances stability. The TFS tent is suitable for events, industry and military areas.



## Features

- Curved columns and 25° roof slope lower the center of gravity and improve stability
- Use high-quality aluminum alloy frames that are recyclable and reusable to support sustainable development
- The internal unsupported curved column design maximizes the available space
- Tent span can be up to 60 meters, suitable for various scales of events and military uses.

Product Specification

| Specification of T S Structures                                                   |                                      |         |         |         |         |         |         |         |         |
|-----------------------------------------------------------------------------------|--------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|  |                                      |         |         |         |         |         |         |         |         |
| Span (m)                                                                          | 15                                   | 20      | 25      | 30      | 35      | 40      | 50      | 55      | 60      |
| Eave Height (m)                                                                   | 40                                   |         |         |         |         |         |         |         |         |
| Ridge Height (m)                                                                  | 8.08                                 | 9.24    | 10.4    | 11.69   | 12.85   | 14      | 16.43   | 17.64   | 18.81   |
| Length                                                                            | Expands unlimitedly in 5m increments |         |         |         |         |         |         |         |         |
| Main Profile (mm)                                                                 | 130*310                              | 130*310 | 130*310 | 130*310 | 120*380 | 120*380 | 120*380 | 120*380 | 120*380 |
| Max Wind Load*                                                                    | Up to 150mph                         |         |         |         |         |         |         |         |         |
| Roof Panels                                                                       | Heavy Duty UV Coated PVC Fabric      |         |         |         |         |         |         |         |         |







# Structure Customizations

Our structures offer various custom options from custom heights, apse ends, high peaks, inset cable and eaves. Each of these customizations enable clients to create the exact structure needed.



## Features

- The clear span structure without internal columns makes installation and event design easy
- Modular design makes it easy to add or remove areas to accommodate changing needs or guest numbers
- Can be customized by combining different tent shapes to create a distinctive event space
- Made of lightweight aluminum alloy and built with prefabricated components for quick installation
- High-quality, durable fabrics and frames ensure stability and reliability in any environment
- Height – custom heights available
- Apse end – add on apse end or two for a custom look
- High peak – perfect for festivals and special events
- Inset gable – create a patio, porch or divided internal space.





# Solution Tent

Make a bold statement with a structure designed for maximum impact and visibility. The Solution structure is built to command attention. Beyond its sleek, modern aesthetic, the innovative double-layer PVC flat roof features a hidden inflatable cover that ensures efficient drainage. The Solution structure design blends structural integrity with modern design. Perfect for sporting events and brand activations, the structure's integrated parapet transforms the structure into an eye-catching billboard. When you choose this structure, you are choosing a perfect, powerful platform for elevated exhibitions, and grand events.



## Features

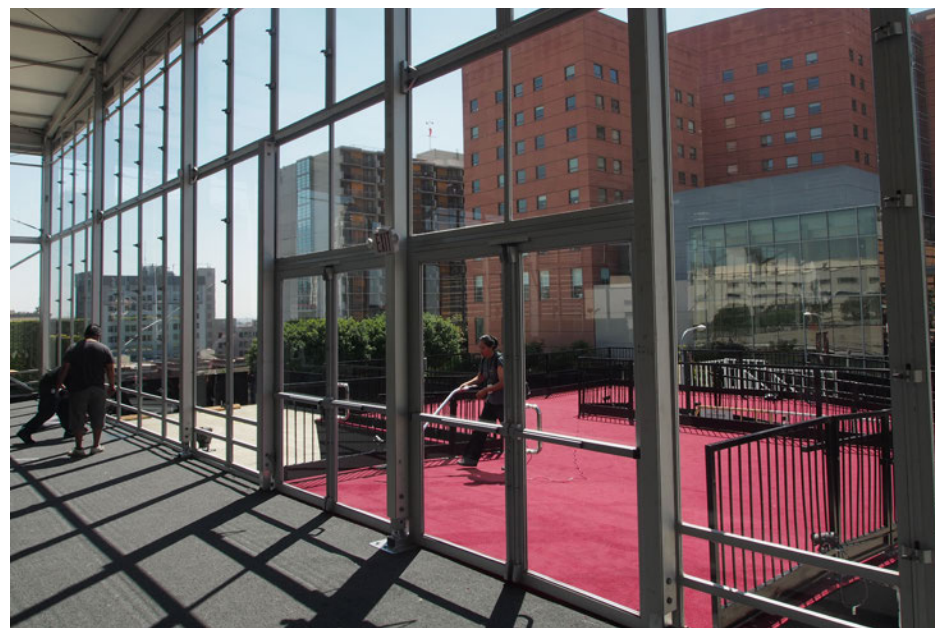
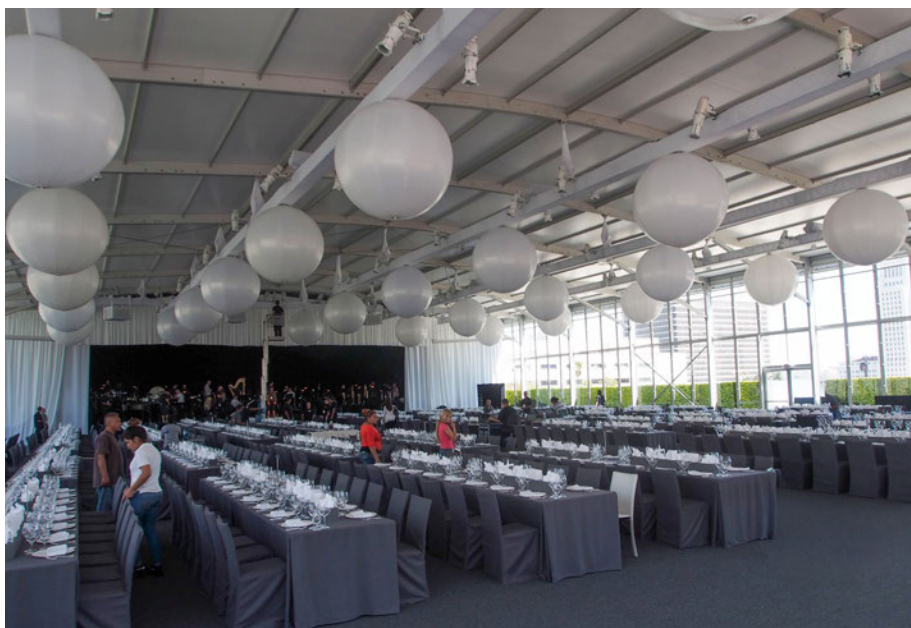
- Appearance of flat roof improves the space utilization and gives a luxurious and professional feel
- A natural drainage ditch is formed between two layers of tarpaulins and improve the drainage performance
- The inflatable PVC fabric insulates the tent, keeping temperatures comfortable inside the tent
- No internal poles allow flexible interior design and improved attendee visibility
- Lightweight aluminum prefabricated in the factory, enables quick setup and efficiency.

## Product Specification

### Specification of Solution Structures



|                   |                                      |                              |                       |                       |
|-------------------|--------------------------------------|------------------------------|-----------------------|-----------------------|
| Span (m)          | 10                                   | 15                           | 20                    | 25                    |
| Eave Height (m)   | 4.0                                  |                              |                       |                       |
| Length            | Expands unlimitedly in 5m increments |                              |                       |                       |
| Main Profile (mm) | 120*300/120*200                      |                              |                       |                       |
| Max Wind Load     | Up to 0.55 kn/m <sup>2</sup>         | Up to 0.55 kn/m <sup>2</sup> | Up to 0.4 kn/m        | Up to 0.35 kn/m       |
| Max Snow Load     | 0.3 kn/m <sup>2</sup>                | 0.25 kn/m <sup>2</sup>       | 0.2 kn/m <sup>2</sup> | 0.2 kn/m <sup>2</sup> |
| Outer Cover       | High Strength PVC Coated Fabric      |                              |                       |                       |



# Multi-Level Structures

Our innovative multi-level 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.

Multi-level tents are widely used in VIP hospitality, sports events, and branding.



## Features

- Available framework profile: 100\*250mm, 120\*300mm, 120\*350mm
- Increase the usable area where space is limited
- All of the rooftop designs can be supplied: A-frame, arcum, solution, 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 conditioners
- Offered in various designs.

## Product Specification

### Specifics of Double Decker A-Frame Structures



|                   |                                 |       |       |       |     |
|-------------------|---------------------------------|-------|-------|-------|-----|
| Span (m)          | 10m                             | 15m   | 20m   | 25m   | 30m |
| Eave Height (m)   | 8.0m                            |       |       |       |     |
| Ridge Height      | 9.8m                            | 10.6m | 11.5m | 12.2m | 13m |
| Length            | Expands in 5m increments        |       |       |       |     |
| Bay Distance      | 5.0m                            |       |       |       |     |
| Main Profile (mm) | 120*300                         |       |       |       |     |
| Max Wind Load*    | Up to 120mph                    |       |       |       |     |
| Roof Panels       | Heavy Duty UV Coated PVC Fabric |       |       |       |     |

### Specifics of Double Decker Arcum Structures



|                   |                                 |       |       |       |
|-------------------|---------------------------------|-------|-------|-------|
| Span (m)          | 10m                             | 15m   | 20m   | 25m   |
| Eave Height (m)   | 8.0m                            |       |       |       |
| Ridge Height      | 8.67m                           | 9.07m | 9.07m | 9.10m |
| Length            | Expands in 5m increments        |       |       |       |
| Bay Distance      | 5.0m                            |       |       |       |
| Main Profile (mm) | 120*300                         |       |       |       |
| Max Wind Load*    | Up to 120mph                    |       |       |       |
| Roof Panels       | Heavy Duty UV Coated PVC Fabric |       |       |       |

### High Peak Two Story Tent



|                   |                                      |    |    |    |
|-------------------|--------------------------------------|----|----|----|
| Span (m)          | 10                                   | 15 | 20 | 25 |
| Eave Height (m)   | 8.0                                  |    |    |    |
| Ridge Height (m)  | 12                                   | 14 | 16 | 17 |
| Length            | Expands unlimitedly in 5m increments |    |    |    |
| Bay Distance (m)  | 5.0                                  |    |    |    |
| Main Profile (mm) | 112*300                              |    |    |    |
| Max Wind Load     | Up to 120mph                         |    |    |    |
| Max Snow (mm)     | 0.25 kn/m <sup>2</sup>               |    |    |    |

### Specifics of Double Decker Solution Structures

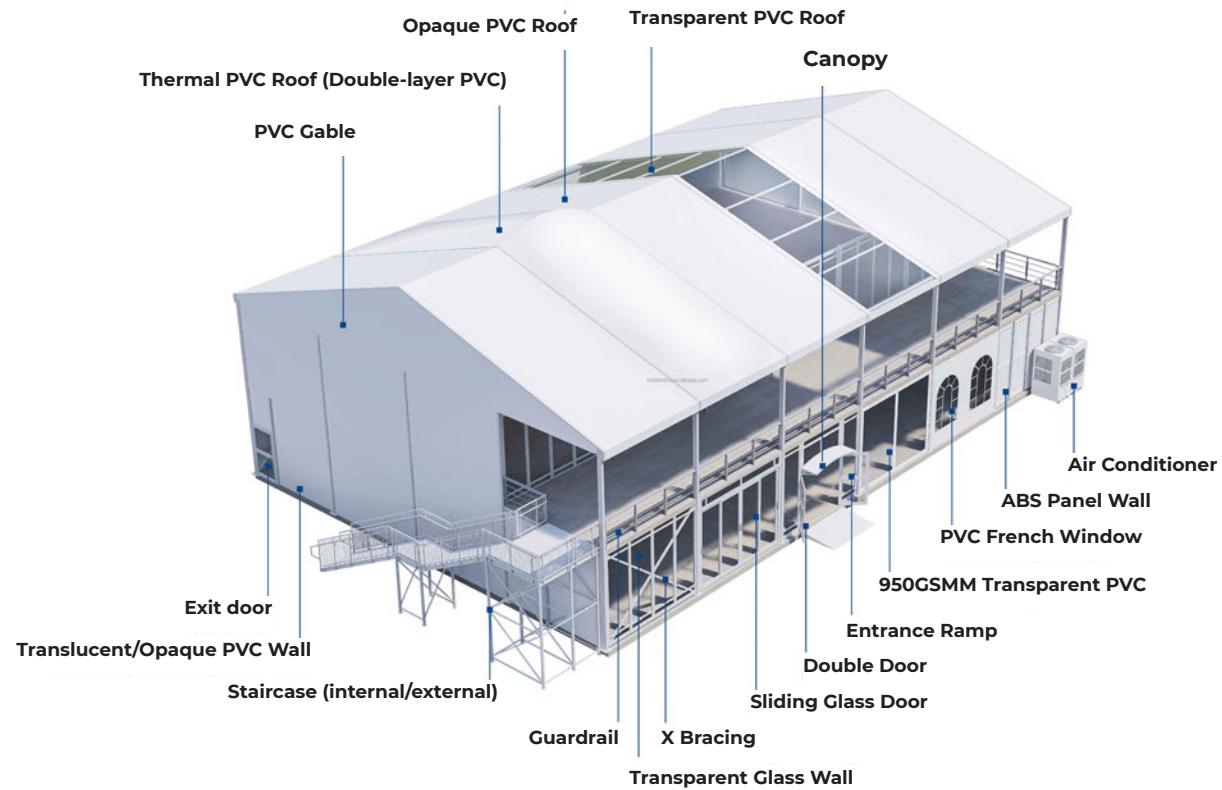


|                   |                                 |       |       |       |
|-------------------|---------------------------------|-------|-------|-------|
| Span (m)          | 10m                             | 15m   | 20m   | 25m   |
| Eave Height (m)   | 8.0m                            |       |       |       |
| Ridge Height      | 8.67m                           | 9.07m | 9.07m | 9.10m |
| Length            | Expands in 5m increments        |       |       |       |
| Bay Distance      | 5.0m                            |       |       |       |
| Main Profile (mm) | 120*300                         |       |       |       |
| Max Wind Load*    | Up to 120mph                    |       |       |       |
| Roof Panels       | Heavy Duty UV Coated PVC Fabric |       |       |       |

## Product Specification



## Accessories



### Roof Options

- 850GSM Opaque PVC
- 950GSM Transparent PVC
- Steel Cladding

### Wall Options

- 650GSM Translucent PVC Fabric
- 850GSM Opaque PVC Fabric
- 950GSM Transparent PVC Fabric
- ABS Panel
- Tempered Glass
- Sandwich Panel
- Steel Cladding

### Window & Ventilation Options

- Glass Awning Window
- Glass Casement Window
- Glass Sliding Window
- Roll-up Window
- Extractor Fan

### Door Options

- PVC Door with Zipper/Rope
- Aluminum Door (Single/Double Door)
- Glass Door (Single/Double Door)
- Sliding Door
- Rolling Door
- Clamshell Door

### Flooring System

- Wooden Floor
- Cassette Floor
- Stage Platform System

### Other Accessories

- Air Conditioner
- Lighting
- Insulation
- Entrance Ramp
- Staircase
- Guardrail

# Atrium Tent

Our atrium tent is the most distinctive event tent among our products. Originating from European royalty, these tents combine the historical beauty and modern design to create a luxurious venue for weddings, parties and commercial events. With transparent appearance and elaborate iron ornaments, they are sure to be the most enchanting event spaces.



## Features

- Available framework profile: 8\*120mm, 120\*250\*4mm; 120\*300\*5mm and more
- Different roof shape designs can be customized, including A-frame, arcum roof, classic roof, peak roof, and single sided roof
- Transparent PVC or PC panel cover to bring in natural light and create a open and stunning view inside the tent
- Ironwork ornaments are available and customizable in various styles to add modern or vintage aesthetic to your structure.

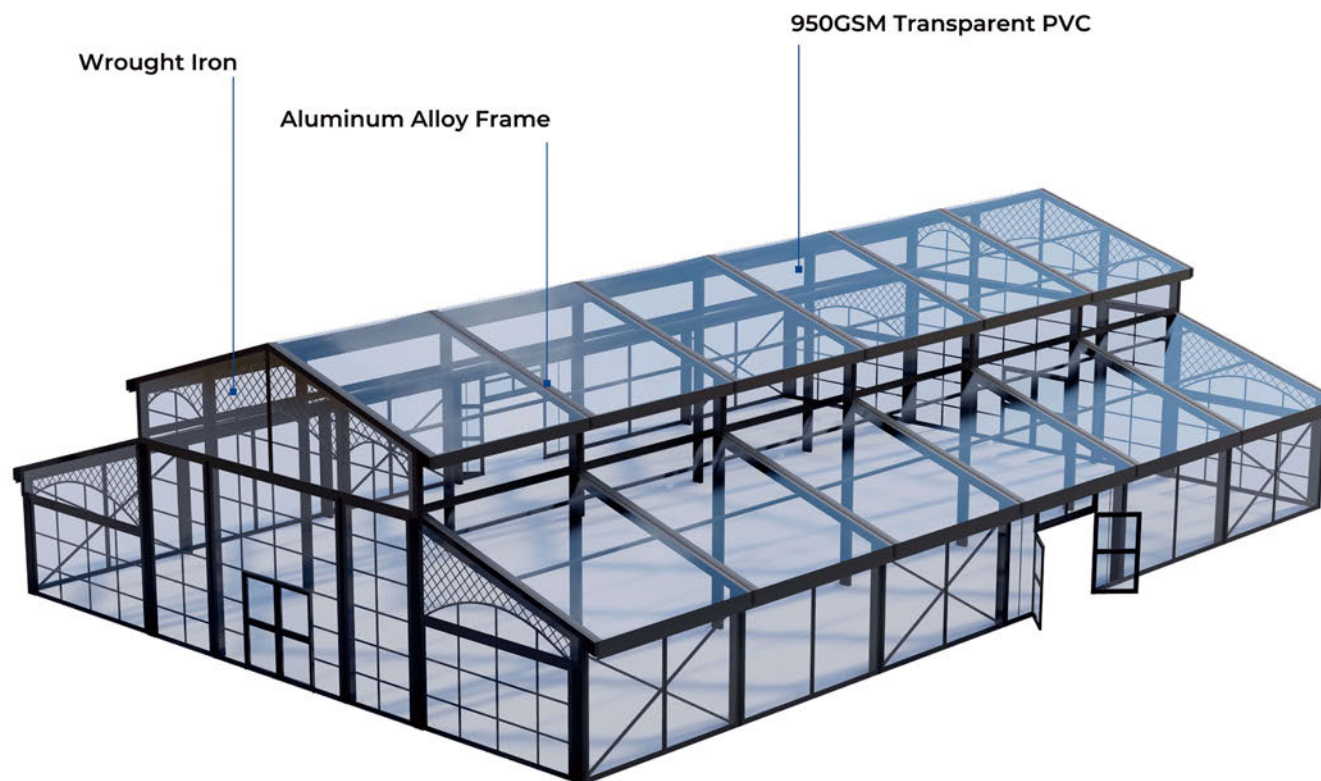
## Product Specification

| Specification of Atrium Structures |                                                                                                     |                                                                                                   |                                                                                                           |                                                                                                      |
|------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Product                            | <br>Classic Atrium | <br>Arden Atrium | <br>Galleria Atrium Tent | <br>A-Frame Atrium |
| Span (m)                           | 12m-60m                                                                                             | 9m-15m                                                                                            | 6m-15m                                                                                                    | 3m-60m                                                                                               |
| Eave Height (m)                    | 3.0m/4.0m                                                                                           | 3.0m                                                                                              | 3.0m/4.0m                                                                                                 | 2.5/4.6/5.7                                                                                          |
| Length                             | Expands in 3m or 5m increments                                                                      |                                                                                                   |                                                                                                           |                                                                                                      |
| Bay Distance                       | 3.0m/5.0m                                                                                           | 3.0m/5.0m                                                                                         | 3.0m/5.0m                                                                                                 | 5.0m                                                                                                 |
| Main Profile (mm)                  | Various profile options available                                                                   |                                                                                                   |                                                                                                           |                                                                                                      |
| Max Wind Load*                     | Up to 120mph                                                                                        |                                                                                                   |                                                                                                           |                                                                                                      |
| Roof Panels                        | Heavy Duty UV Coated PVC Fabric                                                                     |                                                                                                   |                                                                                                           |                                                                                                      |





## Accessories



### Roof Options

- 950GSM Transparent PVC
- PC Panel

### Wall Options

- 950GSM Transparent PVC
- Fabric
- Tempered Glass

### Window & Ventilation Options

- Glass Casement Window
- Glass Sliding Window

### Wall Options

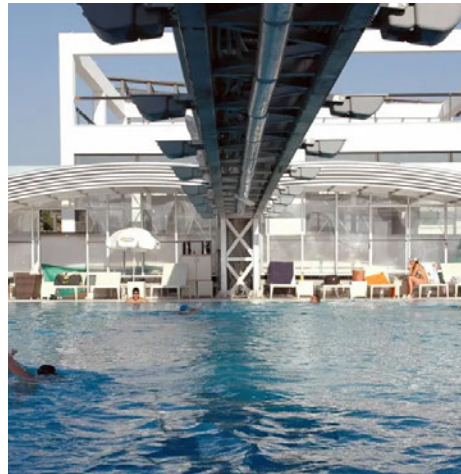
- Glass Door Single Door
- Glass Door Double Door
- Sliding Door

### Other Accessories

- Ornaments (Steel)
- Air Conditioner
- Lighting
- Cassette Floor

# Retractable Tent

Experience the ultimate in adaptability. Our revolutionary clear span structure delivers the unique power to transition from an open-air venue to a fully enclosed, weather-protected space in minutes. The seamless, retractable roof and wall system makes it the definitive solution for high-value applications from elite sports facilities and stunning commercial venues to dynamic restaurants and premier event spaces. Maximize your revenue and usable square footage while significantly cutting energy costs. Enjoy abundant natural light and fresh ventilation when open, and reliable, four-season protection when closed, offering unparalleled design flexibility and operational efficiency.



## Features

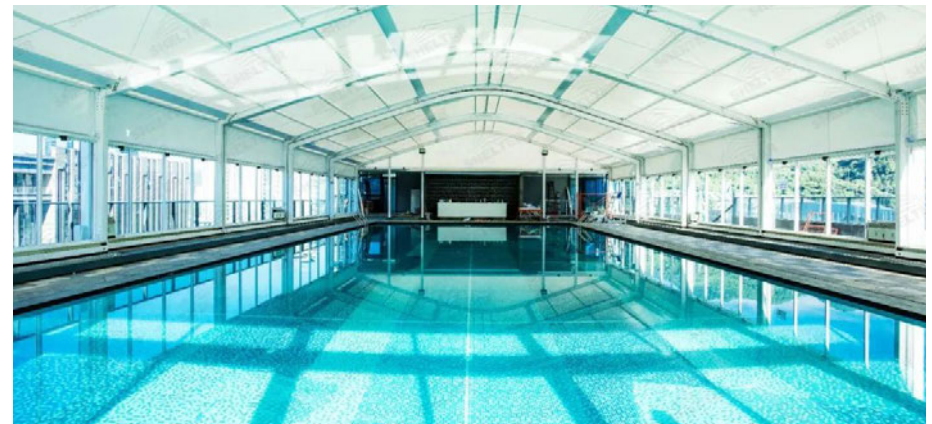
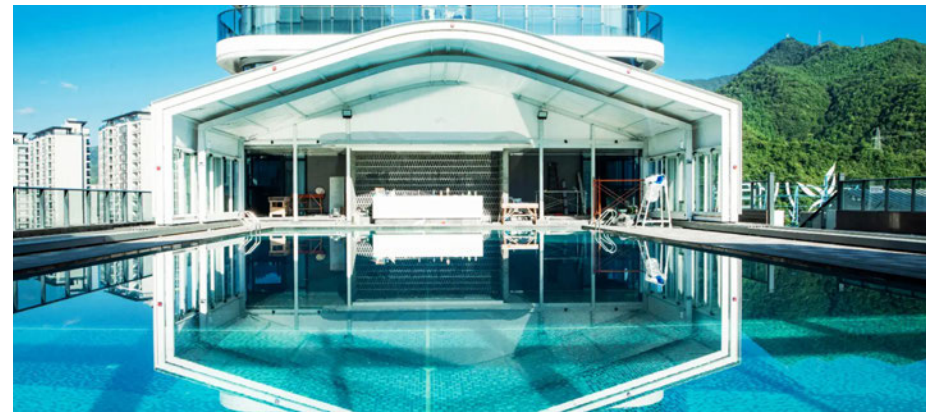
- Inherit the advantage of a robust clear span structure with retractable options. Available in various designs.
- Advanced driving system allows structure to expand and close in moments
- Lightweight aluminum frames are prefabricated for easy transportation and quick installation
- Strong aluminum alloy structures can withstand high wind loads and snow loads
- Smart retractable system effectively saves space and improves space utilization for storage.

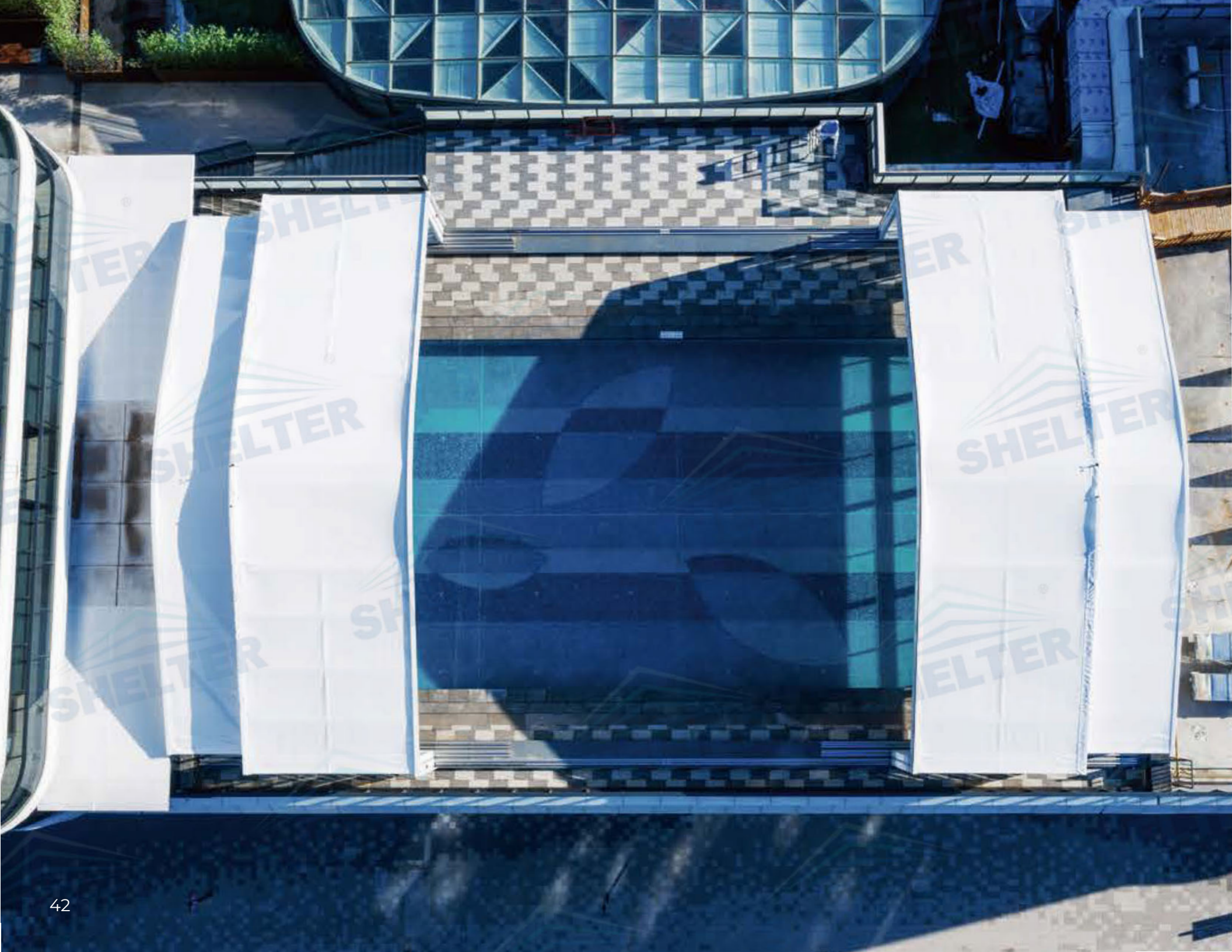
## Product Specification

### Specifics of Retractable Structures

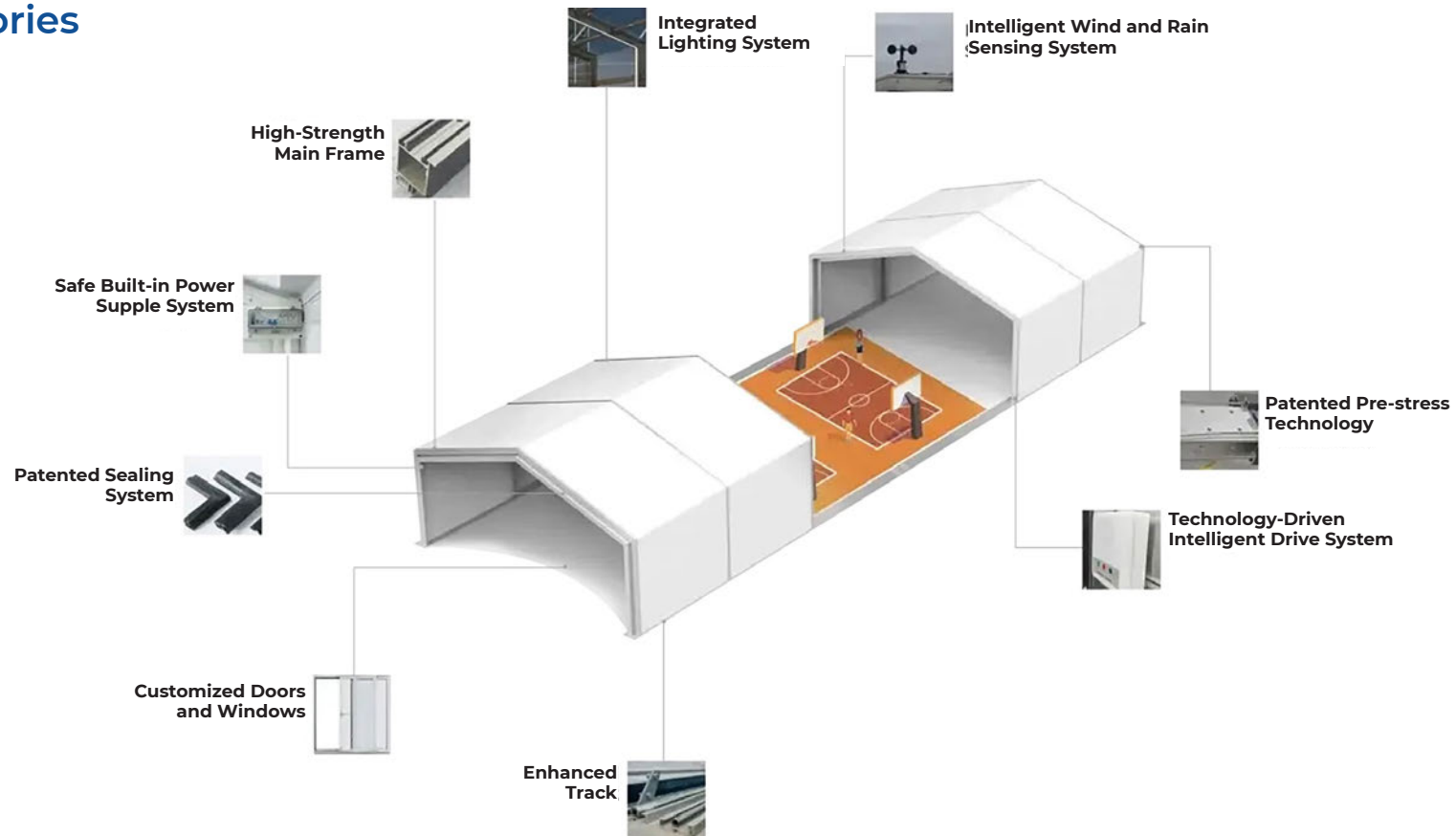


| Product          | A-Frame                        | Arcum     | Polygon                  |
|------------------|--------------------------------|-----------|--------------------------|
| Span (m)         | 3m - 70m                       | 3m - 50m  | 15m - 70m                |
| Eave Height (m)  | 3.0/6.0m                       | 3.0/4.0m  | 4.0m                     |
| Bay Distance (m) | 3.0m/5.0m                      | 3.0m/5.0m | 5.0m                     |
| Length           | Expands in 3m or 5m increments |           | Expands in 5m increments |





## Accessories



### Roof Options

- 850GSM Opaque PVC
- 950GSM Transparent PVC
- Steel Cladding

### Wall Options

- 650GSM Translucent PVC Fabric
- 850GSM Opaque PVC Fabric
- 950GSM Transparent PVC Fabric
- ABS Panel
- Tempered Glass
- Sandwich Panel
- Steel Cladding

### Window & Ventilation Options

- Glass Awning Window
- Glass Casement Window
- Glass Sliding Window
- Roll-up Window
- Extractor Fan

### Door Options

- PVC Door with Zipper/Rope
- Aluminum Door (Single/Double Door)
- Glass Door (Single/Double Door)
- Sliding Door
- Rolling Door
- Clamshell Door

### Flooring System

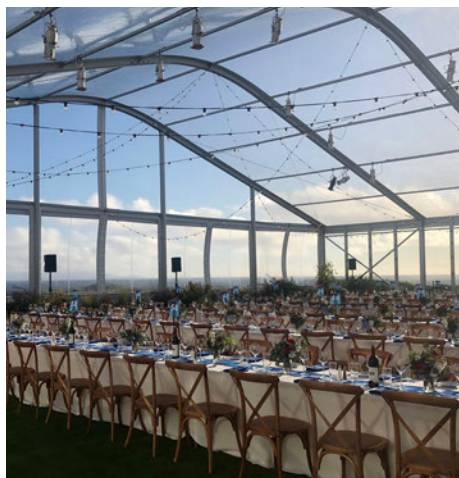
- Wooden Floor
- Cassette Floor
- Stage Platform System

### Other Accessories

- Air Conditioner
- Lighting
- Insulation
- Entrance Ramp
- Staircase
- Guardrail

# Event/Wedding Structures

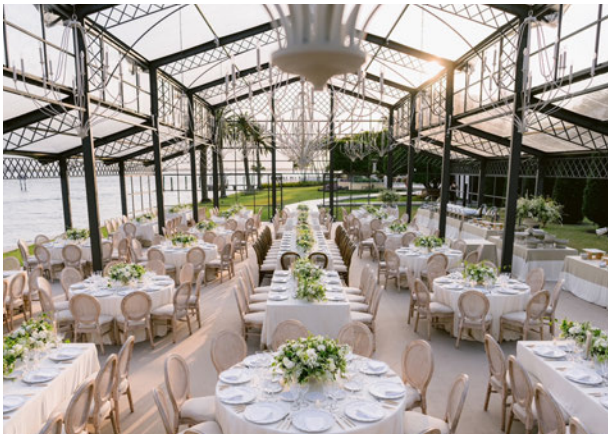
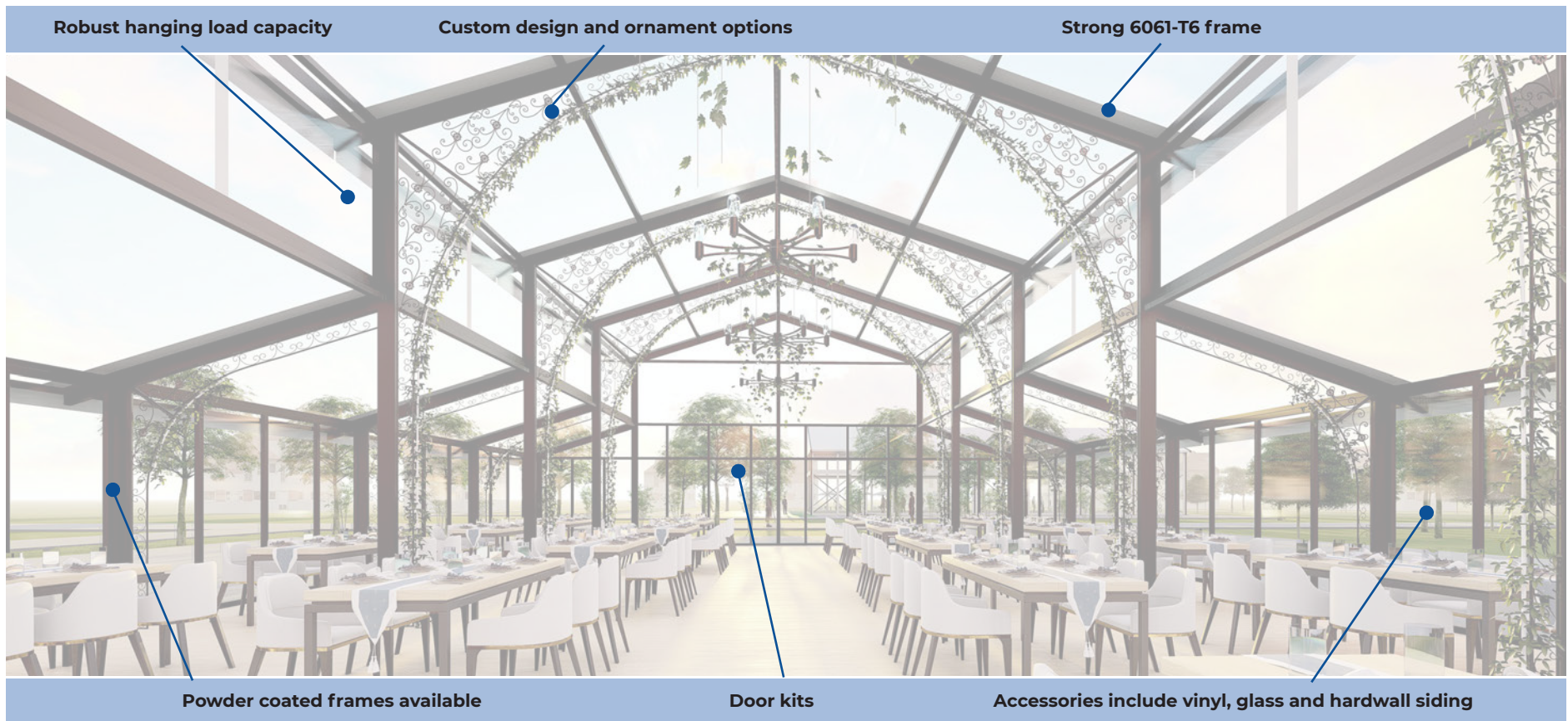
Get ready to experience the premier choice for luxury weekend events and permanent wedding venues. Shelter Structures America offers an expansive, unobstructed interior space free of center poles. This core benefit provides designers with a blank canvas and completely usable floor space. Our robust, modular aluminum framework allows for immense design flexibility, accommodating grand layouts like long banquet tables, large dance floors, and elaborate stages without visual impediments. Designers can easily install sophisticated features such as custom drapery, heavy lighting trusses, and HVAC systems. Options like clear vinyl tops and glass sidewalls transform the tent, creating a modern, airy space that allows guests to enjoy natural light and the starry night sky, seamlessly blending the indoor celebration with the outdoor environment. Clearspan tents also offer superior weather protection and structural stability for complete peace of mind. Get ready to create your dream space.



## Features

- Robust hanging load capacity
- Custom design and ornament options
- Powder coated frames available
- Strong 6061-T6 frame
- Accessories include vinyl, glass and hardwall siding
- Door kits

# Product Specification



# Sport Structures

Elevate your perspective! Engineered for scale and stability, Shelter Structures America offers a premium solution for sports facilities—from covered tennis courts to football stadium enclosures. Our clearspan structures are available in classic one-level designs or innovative multi-level configurations, providing a commanding, “top-down” view for high-end VIP experiences. We build the perfect environment to contain and exhilarate any crowd, regardless of the sport.

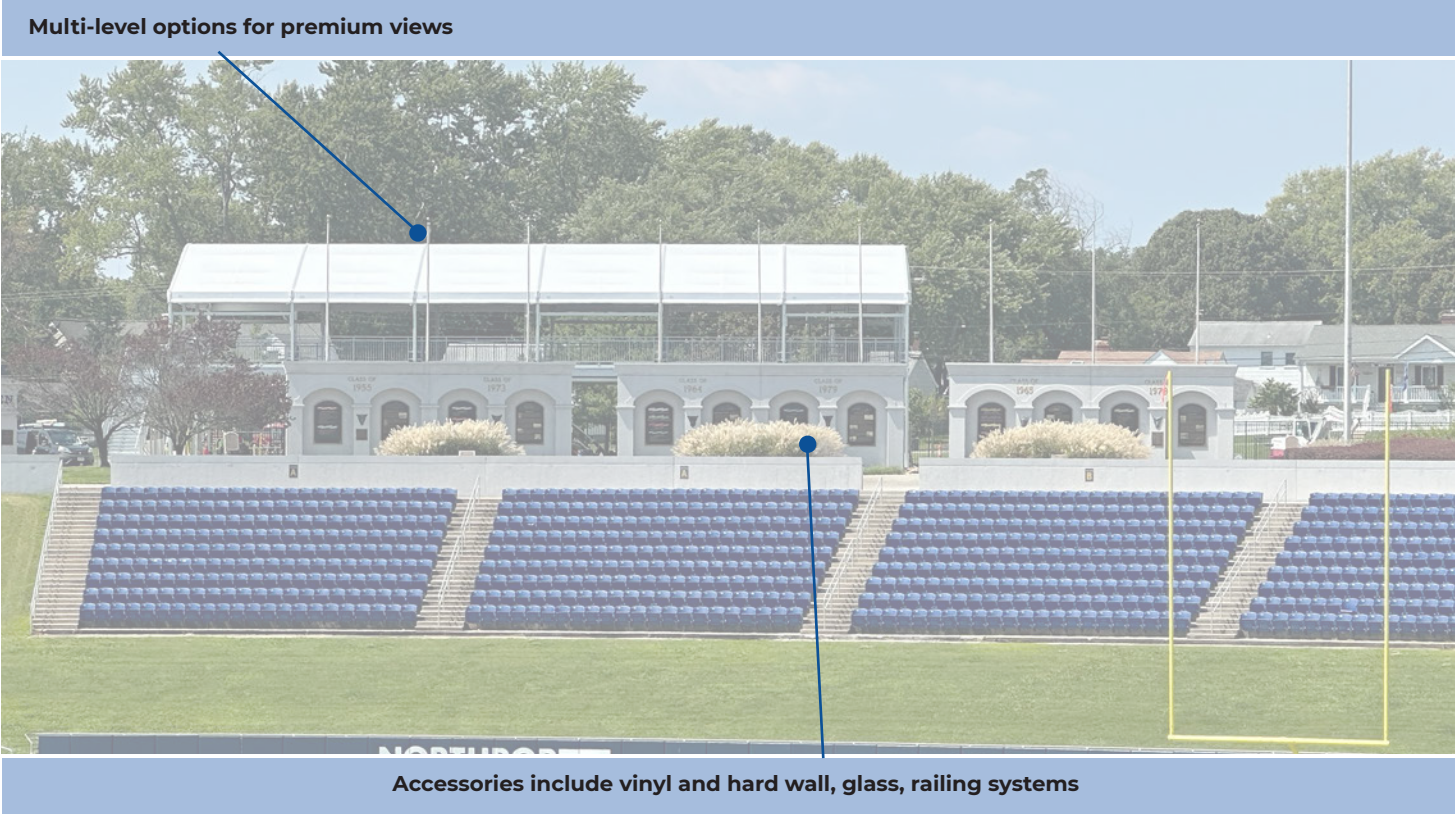
- **Arena Use:** Shelter clear span structures are ideal for covering large-format sports surfaces like indoor soccer fields, tennis courts, and basketball arenas, providing a 100% unobstructed playing and spectator area. Their robust engineering allows for year-round use and effective climate control (heating and cooling).
- **VIP Experiences:** Shelter clear span open floor plan is perfect for building upscale, custom hospitality suites that require flexible layouts for lounges, fine dining, and entertainment. They can be customized with glass walls, modular flooring, and high-load capacity for lighting and luxurious decor. Multi-level clearspans are often used to create a second and third story VIP deck with premium sightlines over the action.



## Features

- Multi-level options for premium views
- Temporary or long-term installation options
- Accessories include vinyl and hard wall, glass, railing systems
- Options for short or long-term applications such as arenas, sports courts, and VIP activations.

# Product Specification



# Industrial Structures

Enhance any business's operational flexibility with Shelter's clearspan structures. Our engineered buildings are the perfect combination of stability, durability and affordability. Offering quick installation these versatile temporary buildings function immediately as secure warehouses, all-weather construction enclosures, or rapid-deployment assets for disaster relief efforts. For hazardous sites, our Blast-Resistant (BRT) tents offer tested, enhanced safety. Available in traditional A-Frame designs or the specialized, high-clearance TFS structure, clearspan buildings are fully modular, scalable, and customizable for any long-term or urgent application.

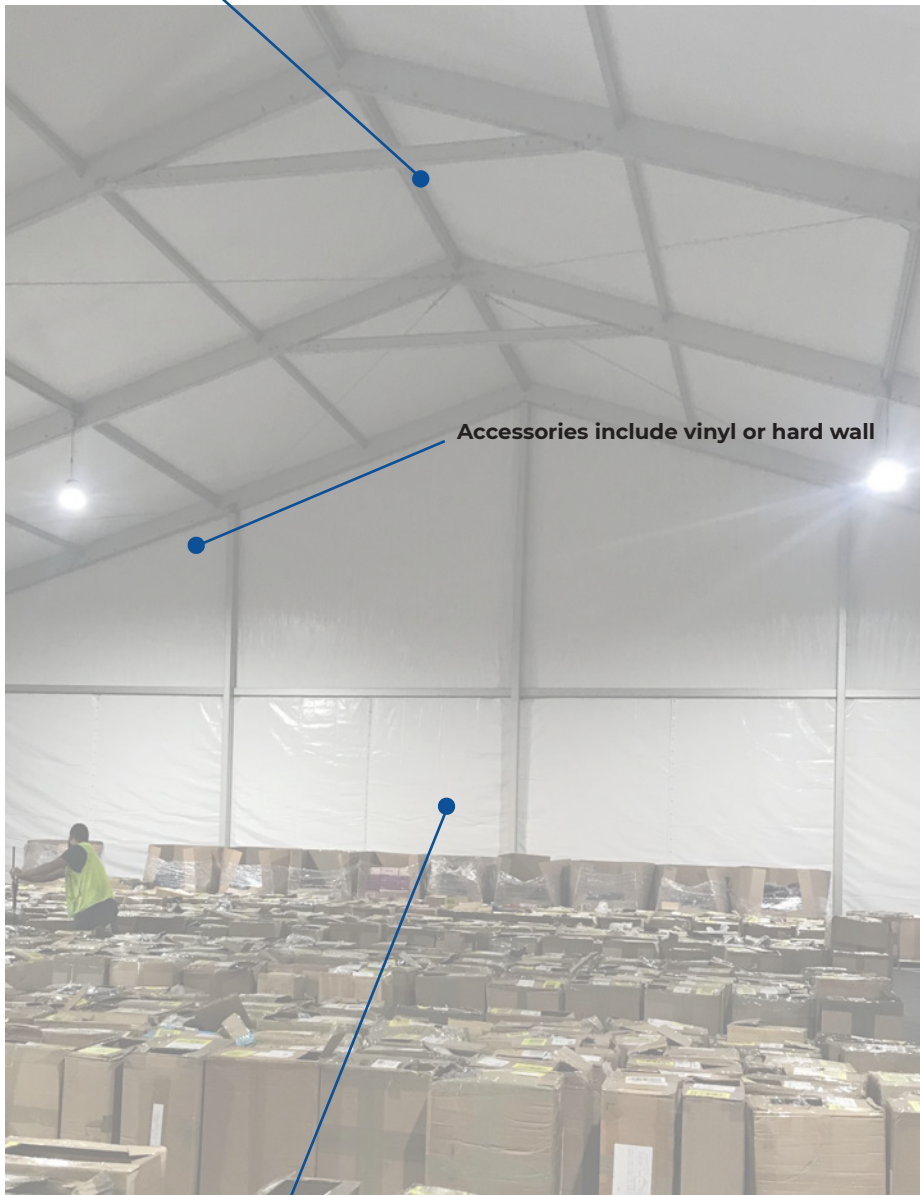


## Features

- Spans in 3m or 5m bays in width up to 70m and infinite length
- Durable for long-term and semi-permanent use
- Weather proof, UV resistant, flame retardant, design for use with climate control systems
- Accessories include vinyl or hard wall, and lockable doors for enhanced security.

## Product Specification

Spans in 3m or 5m bays in width up to 70m and infinite length



Accessories include vinyl or hard wall

Weather proof, UV resistant, flame retardant



# Military

Shelter Structures America is your trusted tent and clearspan structure partner in emergency preparedness and military structure solutions. From base camps, dining facilities and temporary housing, Shelter Structures America is ready to support when demand calls. Our clearspan structures are meticulously designed by US-based engineers, guaranteeing optimal performance and reliability, with nationwide inventory strategically placed across the country for quick inventory deployment to clients. We are committed to supporting domestic manufacturing with our Shelter Structures America VALOR series, offering Berry-compliant structures that meet the highest standards.



## Features

- Combines corrosion resistant aluminum alloy frame with durable PVC fabric to ensure a long-lasting and safe structure appropriate for military use
- Designed to withstand harsh weather conditions like rain, snow and harsh UV
- Allows for customizable configurations and expansions with modular design to meet various operational requirements
- Available in a variety of sizes and specifications and can be designed with various accessories such as doors and windows.

## Product Specification

High-strength frame and durable PVC fabric



Allows for customizable configurations and expansions

Can be outfitted with various accessories such as doors and windows



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