





PRODUCT MANUALS



COMPANY PROFILE

Shelter Structures America Inc. is the distributor of Shelter Structures for the US. We carry a wide range of clear span tents in all fields including event center, wedding venue, sports hall, warehouse structures, aircraft hangar and military tents.

Shelter worldwide employs over 200 full-time tent professionals manufacturing one of the best clear span tent products the industry has to offer. To ensure the highest standards in tent structure production, Shelter continually invests in the most advanced manufacturing technology including two CNC machines and digital fabric cutting systems. Shelter is ISO certified. Our products are tested against the most rigorous standards such as the National Fire Protection Code or Building Codes for temporary structures. We work with US-based engineering firms to provide the required engineering reports.

Please contact us to see how we can help. We would love for you to become part of the "Shelter Family".



OUR SOLUTIONS

Shelter Tent has over 10 years of experience and works in partnership with the world's most iconic sporting organizations, cultural event organizers, venues and brand owners including the Olympic Games, Asian Games, Formula 1 Grand Prix, Mercedes-Benz, BMW, AUDI to name just a few. Our experienced team provides bespoke solutions which maintain clients' brand consistency and quality of delivery the world over.

Shelter's tried-and-tested structures have been extended to every corner of the world where a mobile space is needed.

- 2018 Exclusive Tent Supplier for CES - USA
- 2018 Luxury Desert Resort - Jordan
- 2018 International Champions Cup (ICC) - USA
- 2013 - 2019 US Surfing Open - USA
- 2015 - 2017 PGA Golf Tournament - USA
- 2016 AVP Beach Volleyball - USA
- 2017 The World Largest DC Hero Lego Exhibition - UK
- 2015 - 2018 NASCAR Sprint Cup Series - USA
- 2014 - 2019 VIP Hospitality for UCLA - USA
- 2017 Airplane Hangar Supplied for Interjet - Mexico
- 2016 Pebble Beach Concours d'Elegance - Mercedes Benz - USA
- 2015 Coachella Country Music Festival - USA
- 2017 ECRL Ground Breaking Ceremony - Malaysia
- 2016 Country Jam Colorado Music Festival - USA
- 2015 International Boat Show - Qatar
- 2013/2019 Boy Scouts of America - USA
- 2012 King Abdullah Show Jumping Festival - Saudi Arabia
- 2010 Commonwealth Game - India
- 2014 Bahrain Formula 1 Grand Prix (Bahrain)
- 2009 - 2011 Canton Fair Office Supplier - Guangzhou, China
- 2008 Summer Olympic Games - Beijing China
- 2010 Commonwealth Games - India





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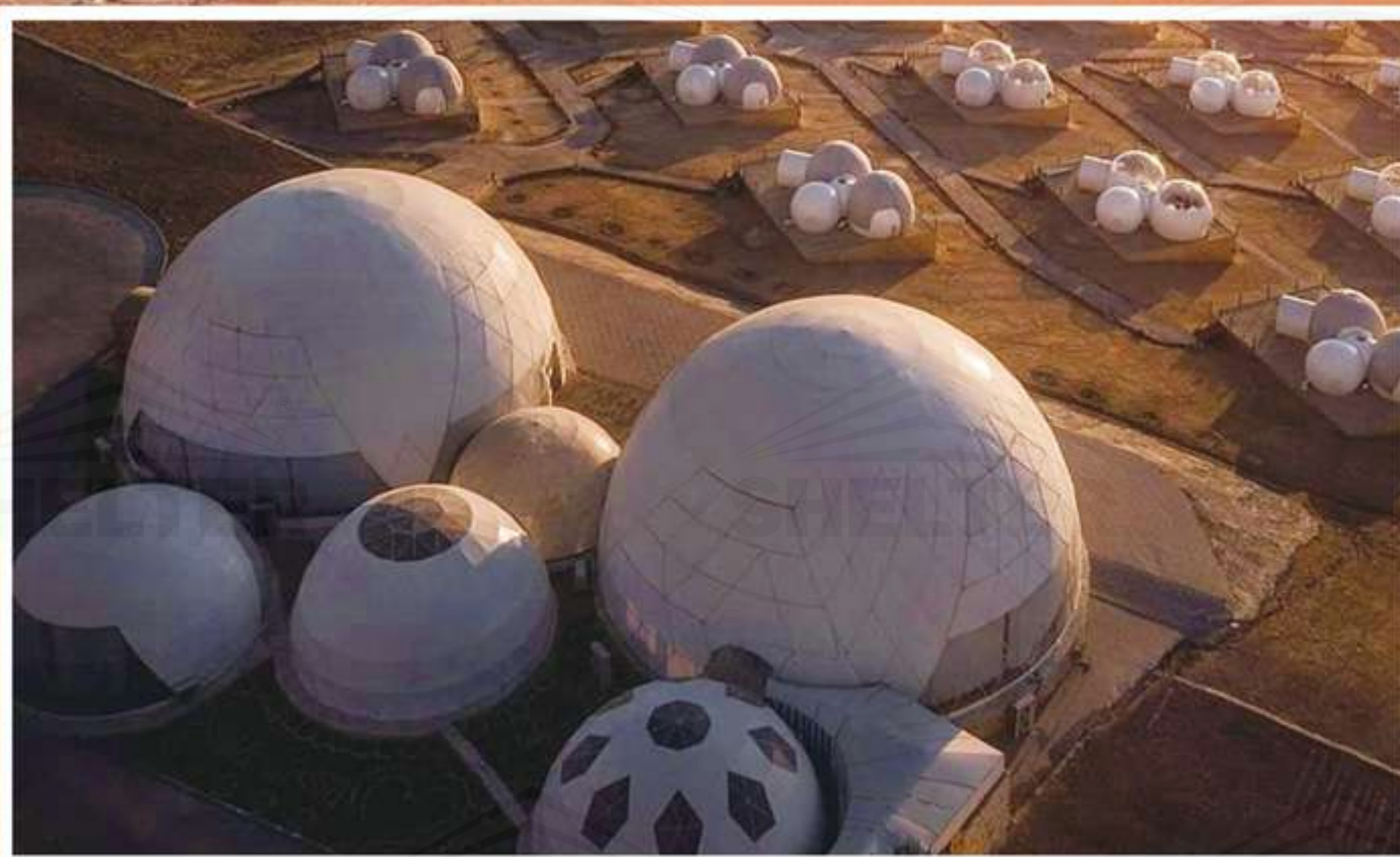
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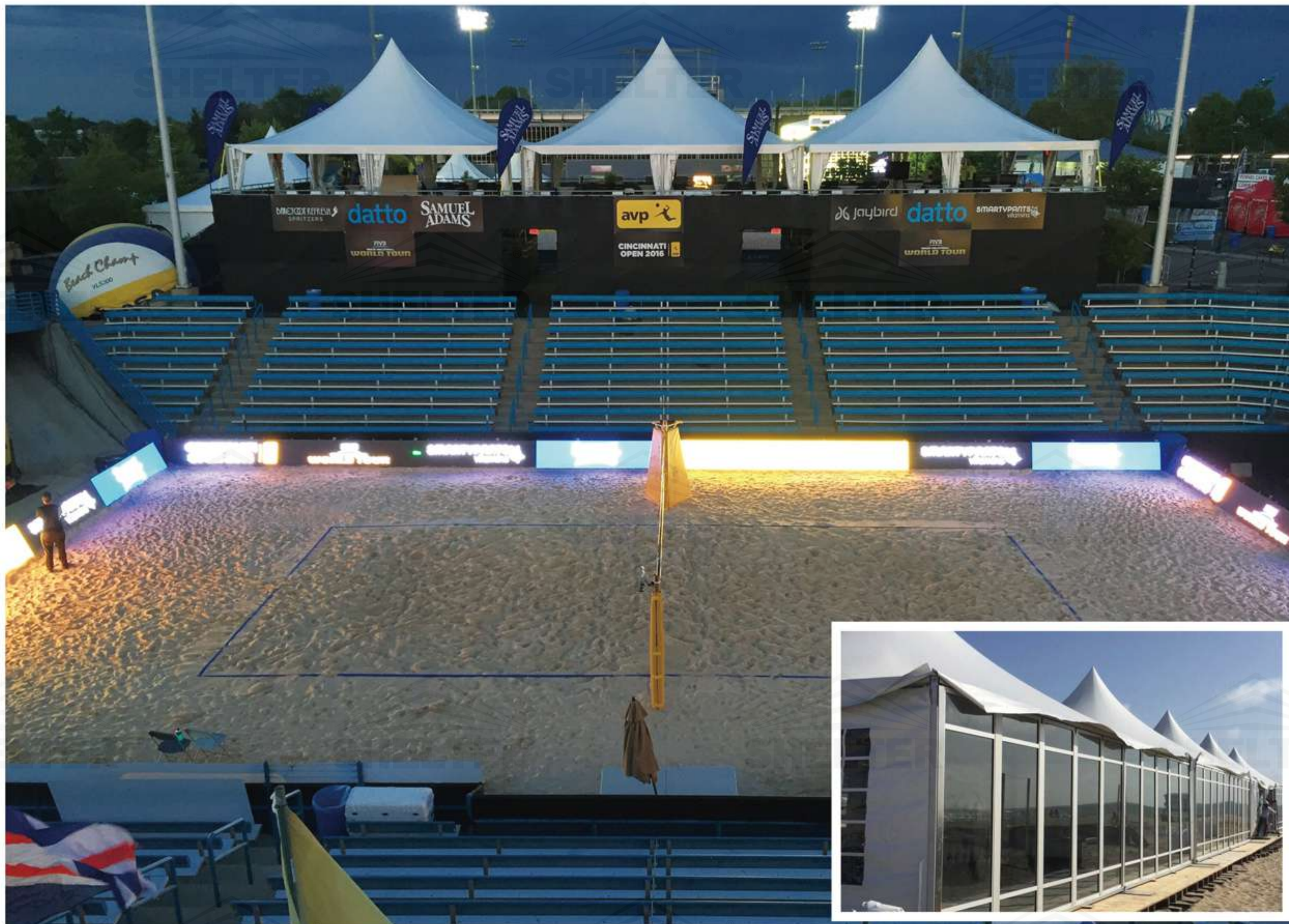


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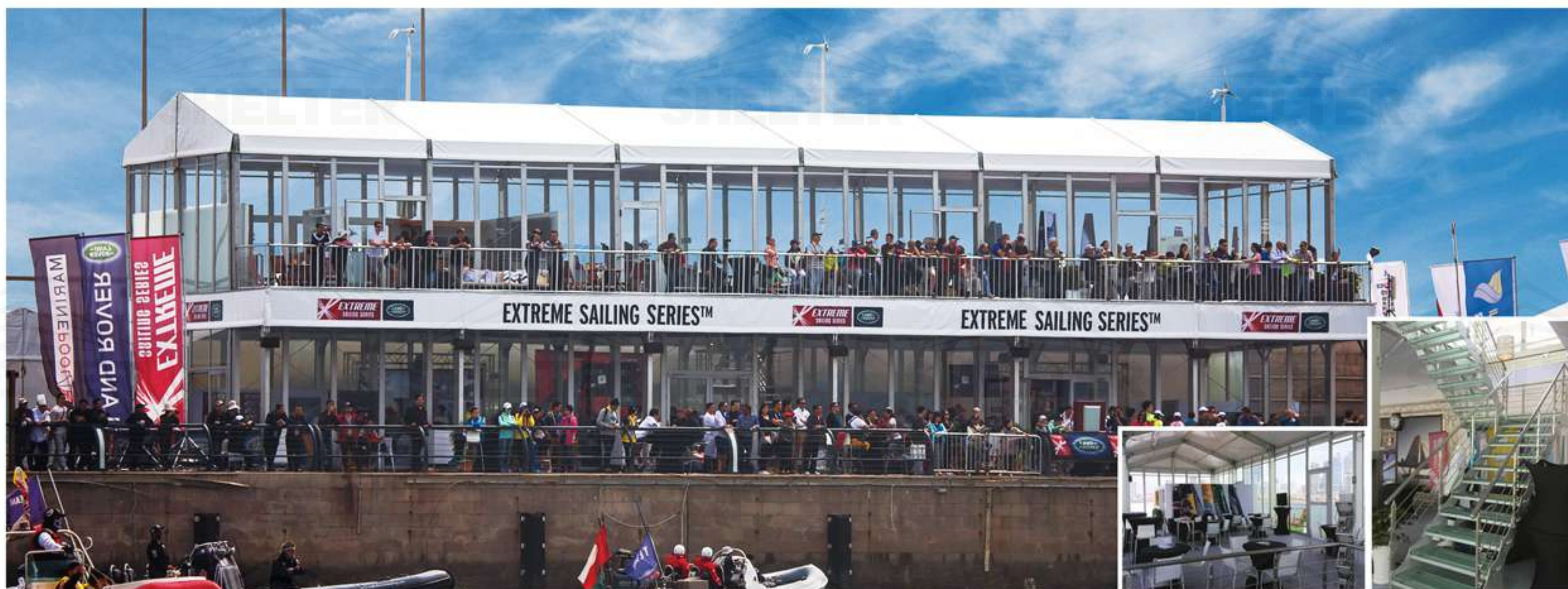


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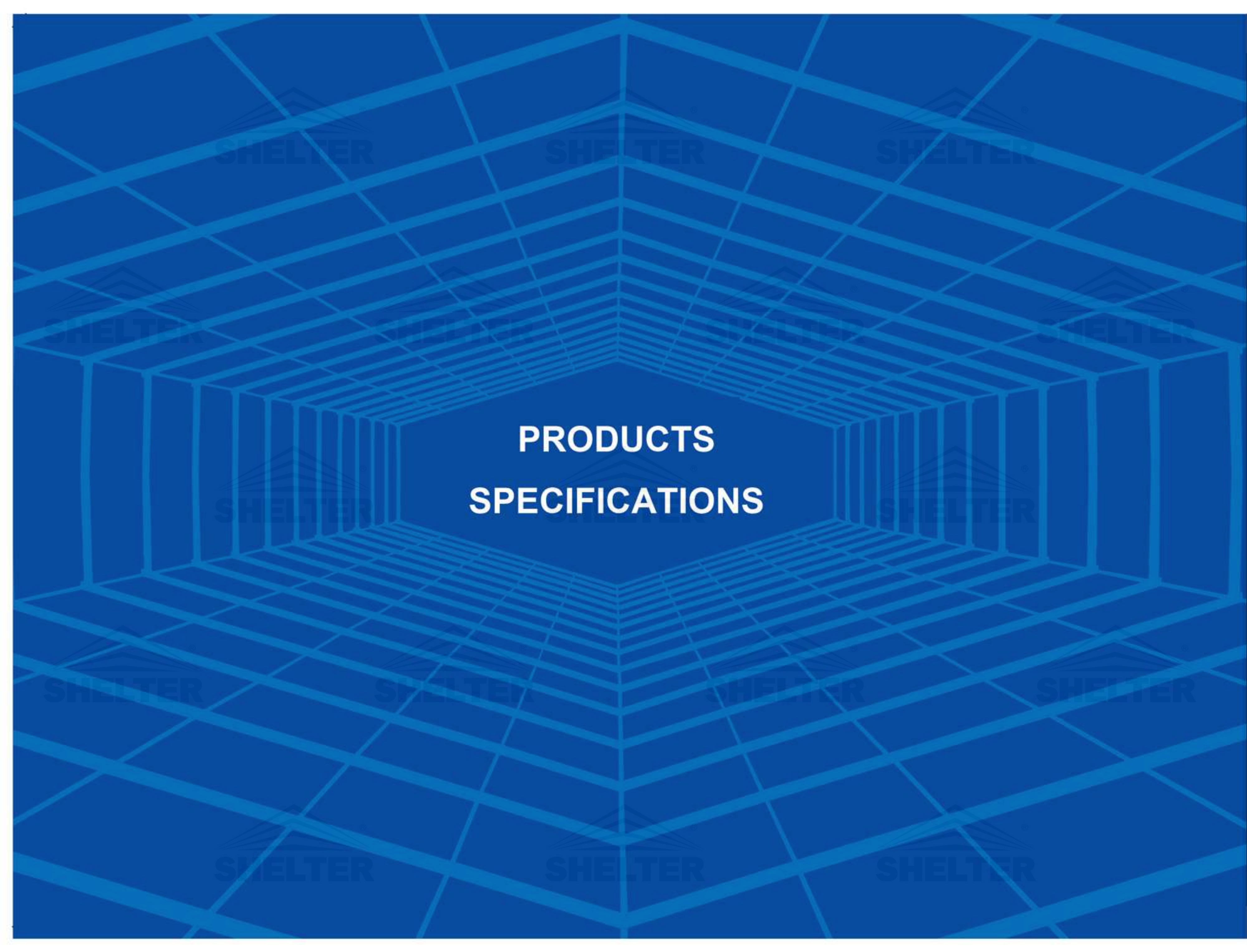




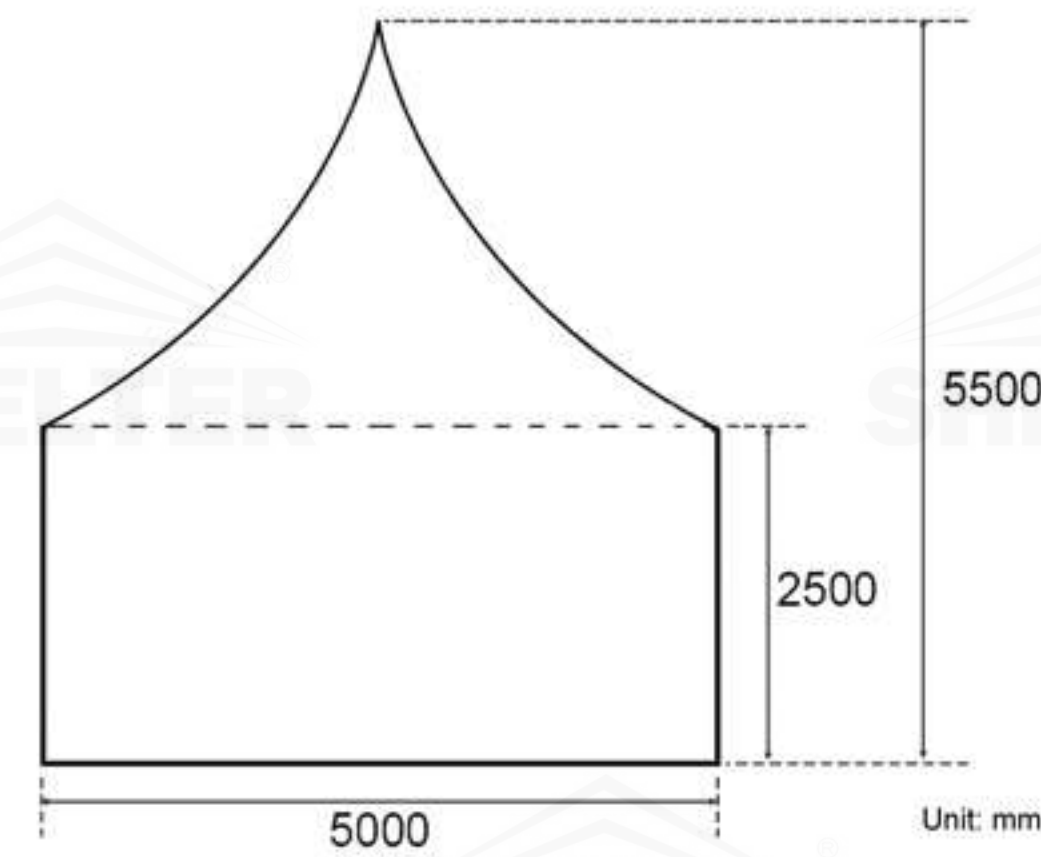
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PRODUCTS SPECIFICATIONS

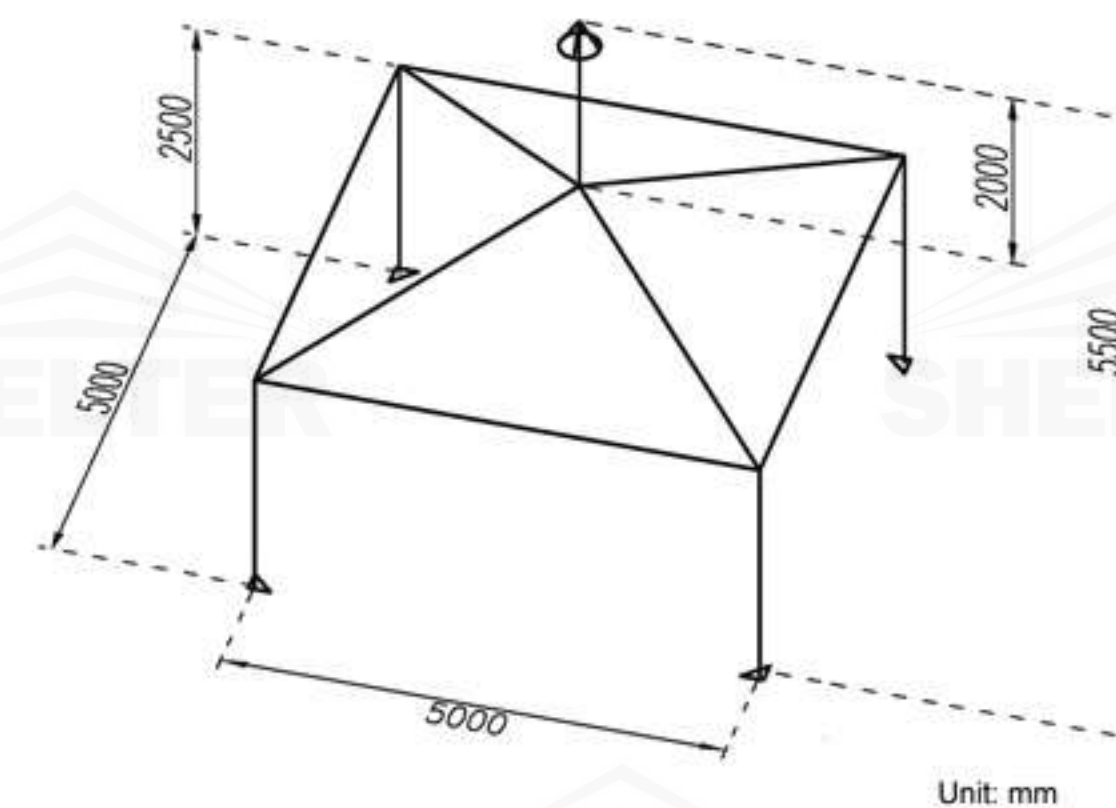


C SERIES

Main Profiles:	Available Sizes: 63x63x1.8mm, 64x64x2.5mm, 122x68x3mm
	Material: Hard pressed extruded aluminum alloy T6061/T6
	Features: Stainless
Cover:	Density: 850g/sqm double coated blackout white PVC for roof
	650g/sqm translucent white PVC for side walls
	Material: PVC coated polyester fabric
Components:	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
	Superior enclosure with hot dip galvanized steel

C SERIES FRAME SPECIFICATION

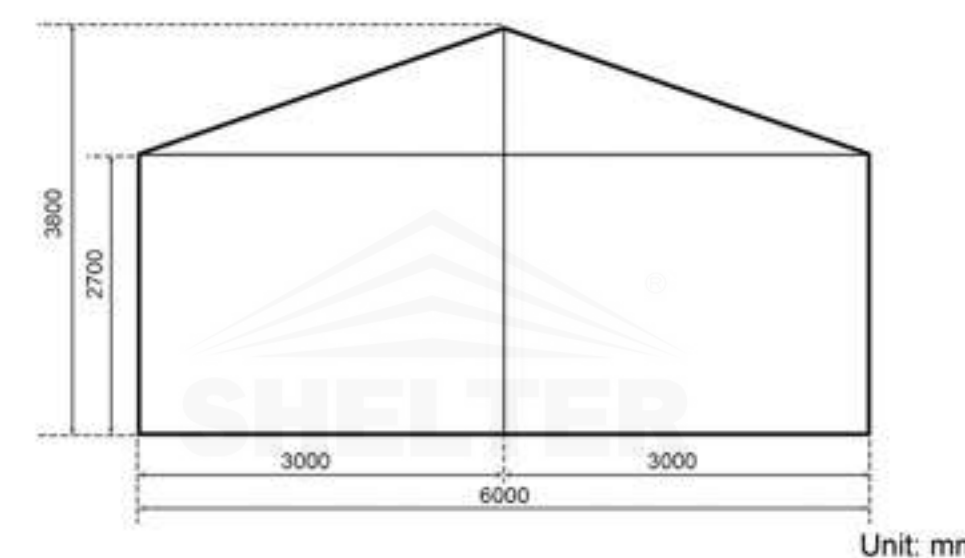
Item	Width(m)	Eave Height(m)	Ridge Height(m)	Longest Parts(m)	Max.Wind Load
C003003	3	2.50	4.32	2.85	80km/h
C004004	4	2.50	4.85	3.85	
C005005	5	2.50	5.50	4.85	
C006006	6	2.50	5.95	5.85	
C008008	8	2.60	6.40	4.17	100km/h
C010010	10	2.60	6.80	5.25	





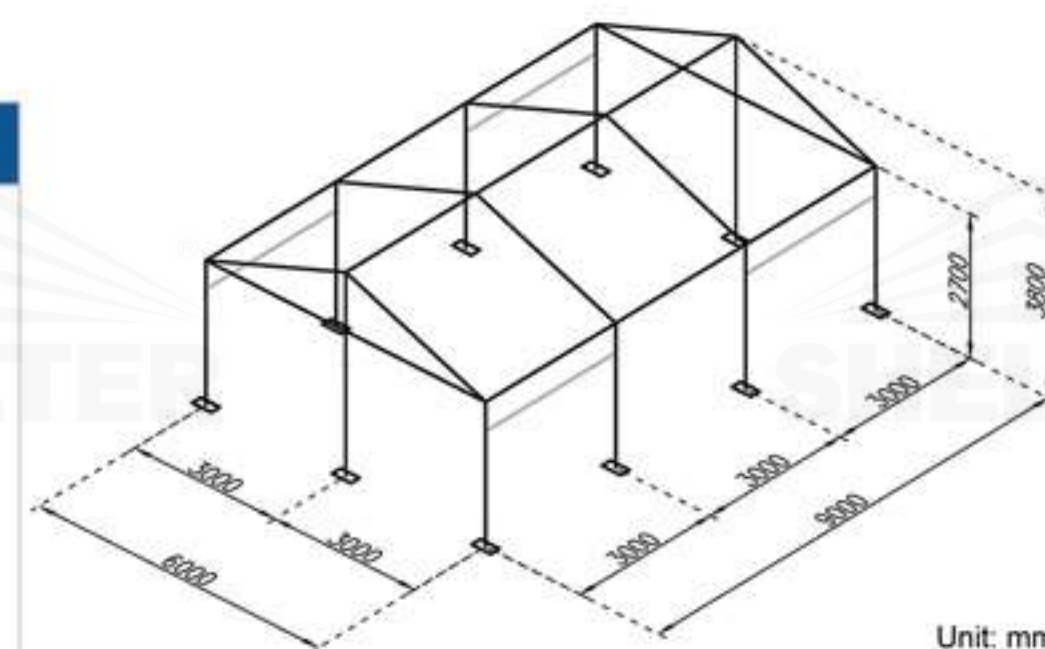
S SERIES

Main Profiles:	Available Sizes: 84x48x3mm
	Material: Hard pressed extruded aluminum alloy T6061/T6
	Features: Stainless
Cover:	Density: 850g/sqm double coated blackout white PVC for roof 650g/sqm translucent white PVC for side walls
	Material: PVC coated polyester fabric
	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
Components:	Superior enclosure with hot dip galvanized steel



S SERIES FRAME SPECIFICATION

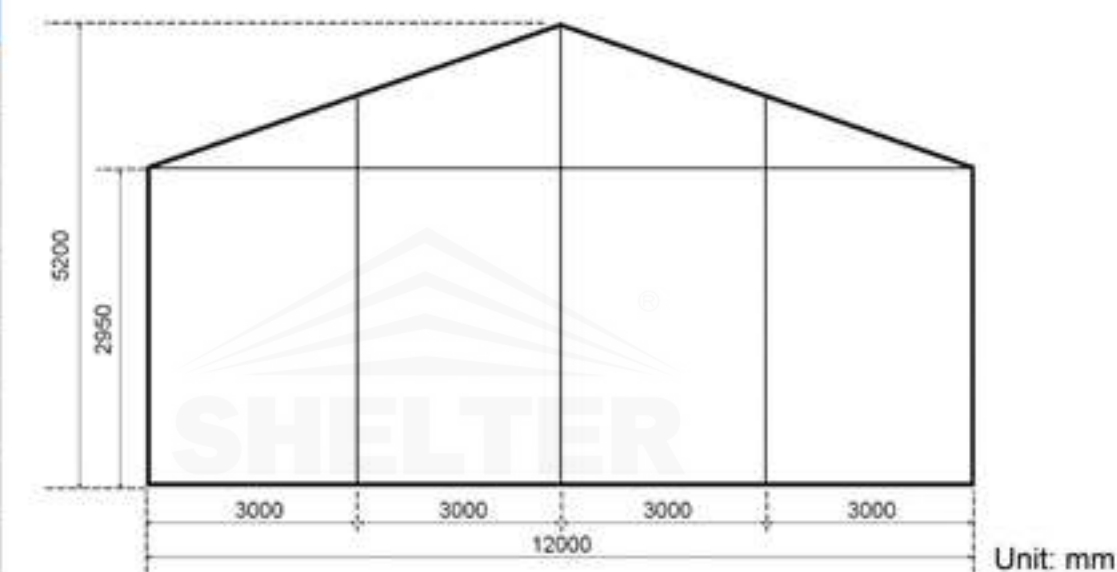
Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
S003003	3	2.70	3.23	3	3.00	80km/h
S004003	4	2.70	3.41	3	3.00	
S005003	5	2.70	3.59	3	3.05	
S006003	6	2.70	3.78	3	3.17	
S008003	8	2.70	4.20	3	4.35	
S009003	9	2.70	4.30	3	4.78	
S010003	10	2.70	4.53	3	5.36	
S012003	12	2.70	4.87	3	6.35	





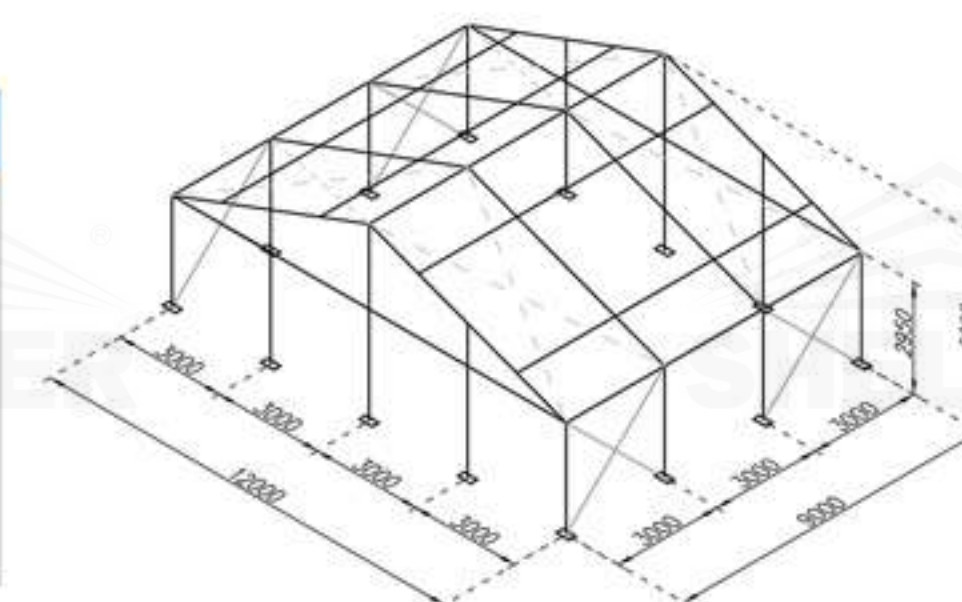
G SERIES

Main Profiles:	Available Sizes: 120x48x3mm, 122x68x3mm
	Material: Hard pressed extruded aluminum alloy T6061/T6
	Features: Stainless
Cover:	Density: 850g/sqm double coated blackout white PVC for roof
	650g/sqm translucent white PVC for side walls
	Material: PVC coated polyester fabric
Components:	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
	Superior enclosure with hot dip galvanized steel



G SERIES FRAME SPECIFICATION

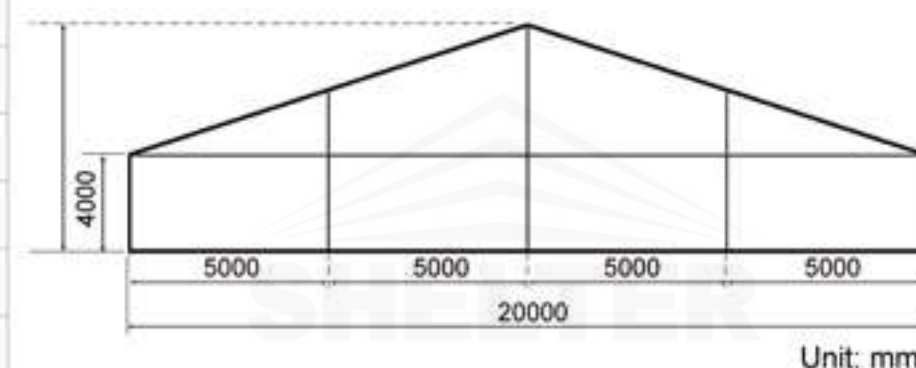
Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
G003003	3	2.95	3.60	3	3.85	80km/h
G006003	6	2.95	4.10	3	3.90	
G009003	9	2.95	4.63	3	4.87	
G012003	12	2.95	5.20	3	6.50	
G015003	15	2.95	5.72	3	4.87	





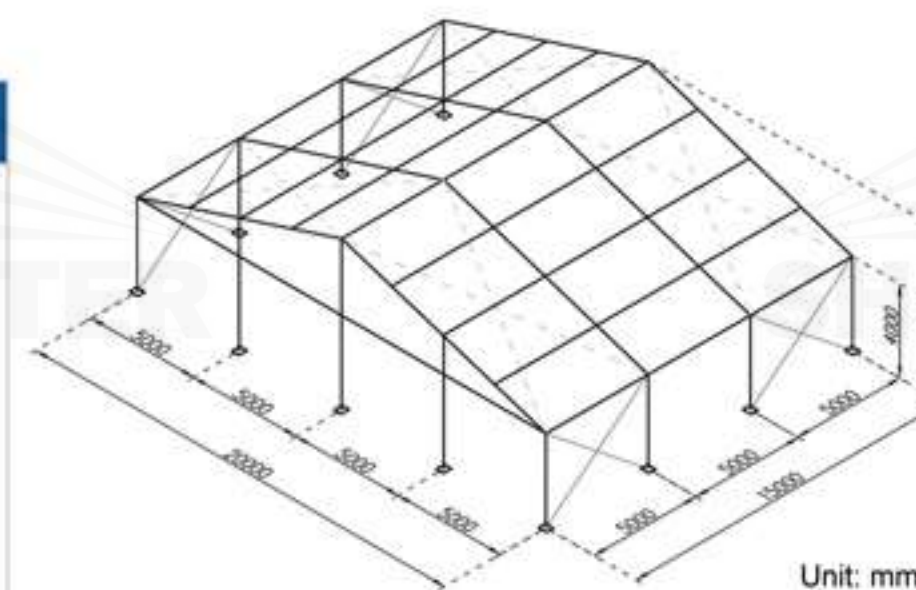
M SERIES

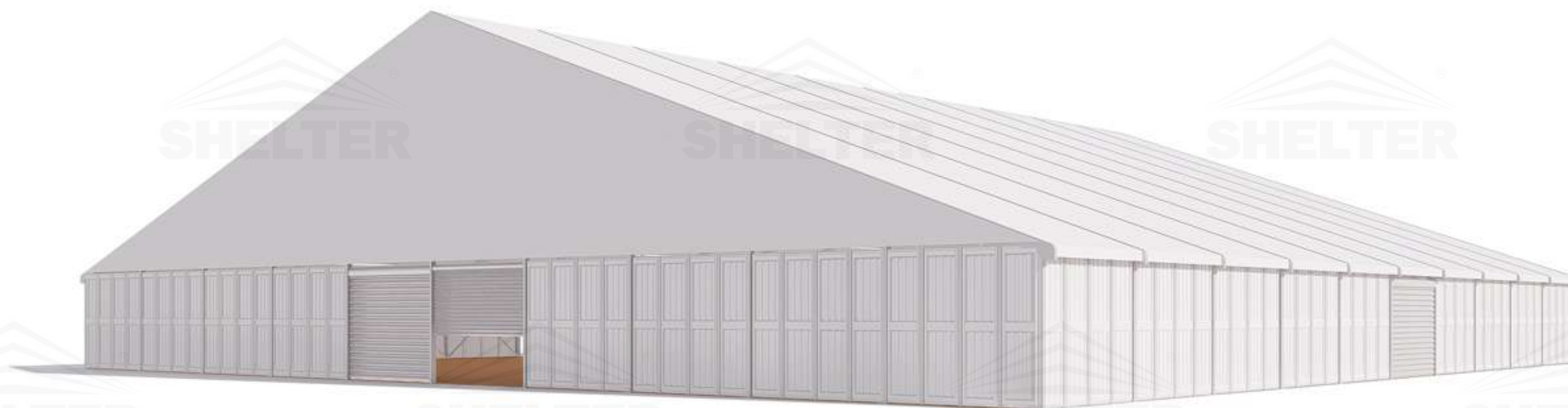
Main Profiles:	Available Sizes: 112x203x4mm, 166x88x3mm
	120x200x4mm, 120x250x4mm
	Material: Hard pressed extruded aluminum alloy T6061/T6
Cover:	Features: Stainless
	Density: 850g/sqm double coated blackout white PVC for roof
	650g/sqm translucent white PVC for side walls
	Material: PVC coated polyester fabric
Components:	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
	Superior enclosure with hot dip galvanized steel



M SERIES FRAME SPECIFICATION

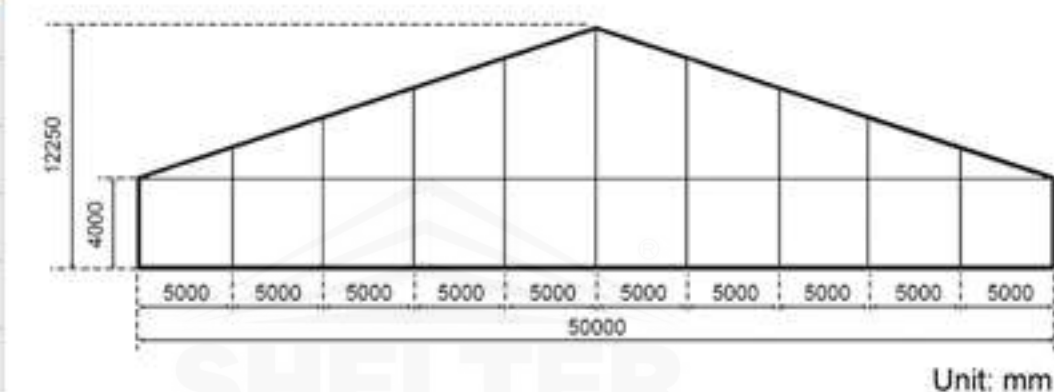
Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
M010005	10	3.95	5.60	5	5.60	100km/h
M011005	11	3.95	5.75	5	6.00	
M012005	12	3.95	5.88	5	6.40	
M015005	15	3.95	6.40	5	8.10	
M016005	16	3.95	6.55	5	8.60	
M020005	20	3.95	7.25	5	10.70	
M021005	21	3.95	7.35	5	11.20	
M025005	25	3.95	7.95	5	10.70	
M030005	30	4.00	9.00	5	10.70	





L SERIES

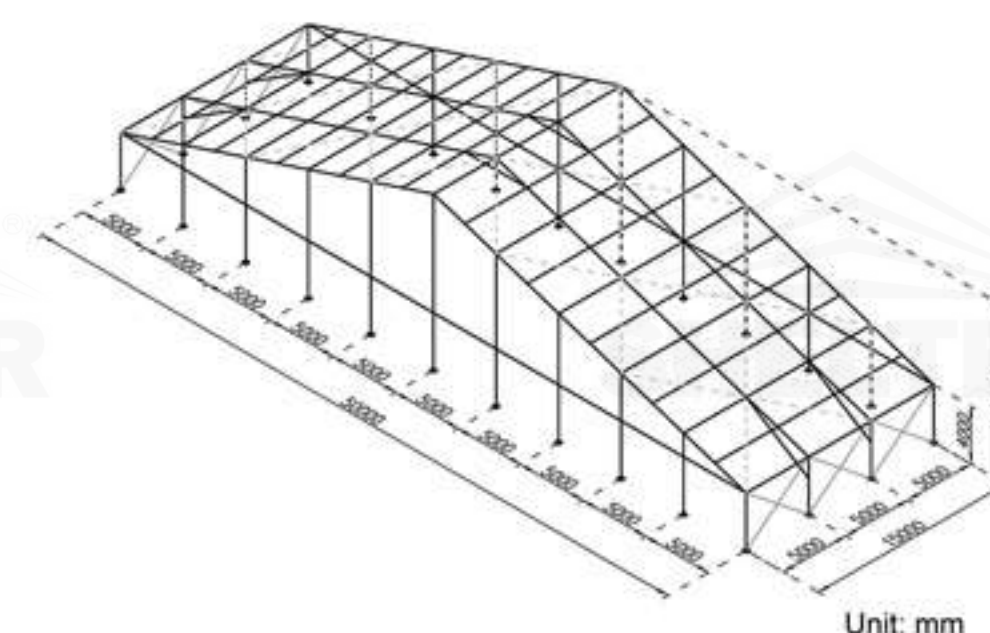
Main Profiles:	Available Sizes: 120x300x5mm, 120x350x6mm
	120x400x6mm
Cover:	Material: Hard pressed extruded aluminum alloy T6061/T6
	Features: Stainless
	Density: 850g/sqm double coated blockout white PVC for roof
	650g/sqm translucent white PVC for side walls
Components:	Material: PVC coated polyester fabric
	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
	Superior enclosure with hot dip galvanized steel



Unit: mm

L SERIES FRAME SPECIFICATION

Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
L030005	30	4.03	9.00	5	10.62	120km/h
L035005	35	4.03	9.80	5	10.62	
L040005	40	4.03	10.40	5	10.62	
L050005	50	4.03	12.25	5	13.16	

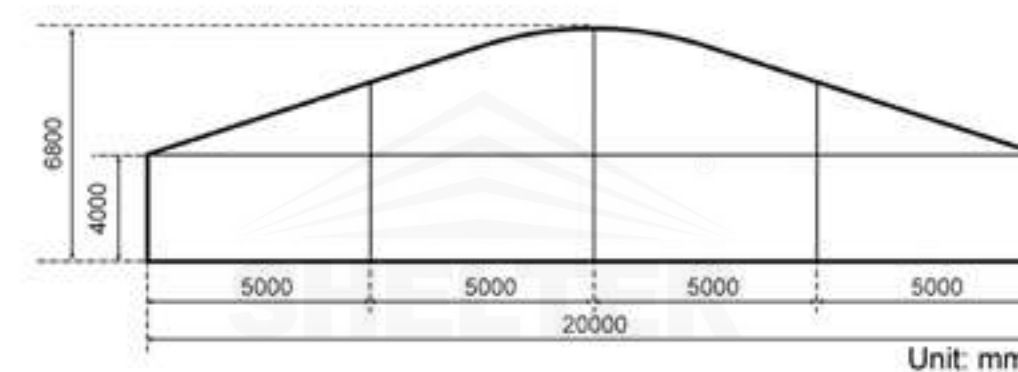


Unit: mm



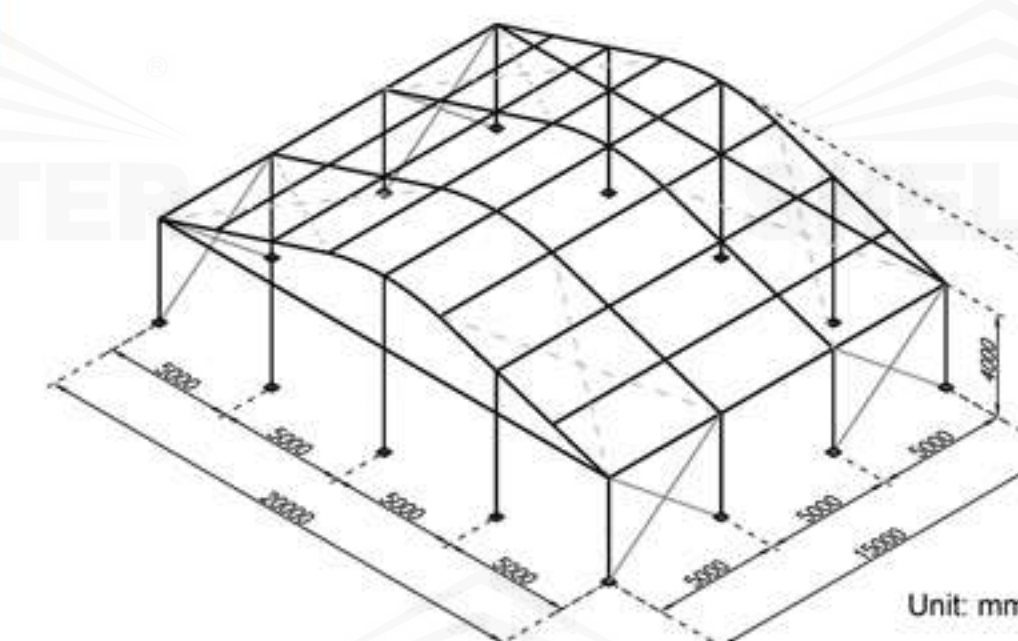
ARCH SERIES

Main Profiles:	Available Sizes: 120x300x5mm, 120x350x6mm
	112x203x4mm, 120x250x4mm
	Material: Hard pressed extruded aluminum alloy T6061/T6
	Features: Stainless
Cover:	Density: 850g/sqm double coated blackout white PVC for roof
	650g/sqm translucent white PVC for side walls
	Material: PVC coated polyester fabric
	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
Components:	Superior enclosure with hot dip galvanized steel



ARCH SERIES FRAME SPECIFICATION

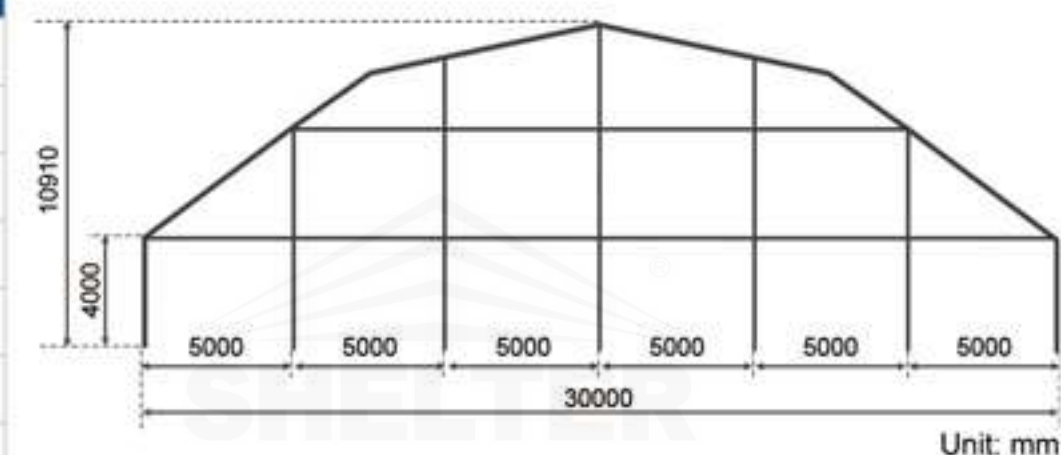
Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
A010005	10	3.95	5.25	5	5.10	120km/h
A012005	12	3.95	5.55	5	4.75	
A015005	15	3.95	6.00	5	5.50	
A020005	20	3.95	6.80	5	8.10	
A025005	25	3.95	7.60	5	10.70	
A030005	30	4.03	8.30	5	10.70	
A035005	35	4.03	9.09	5	10.70	
A040005	40	4.03	9.90	5	10.70	
A050005	50	4.03	11.50	5	12.07	





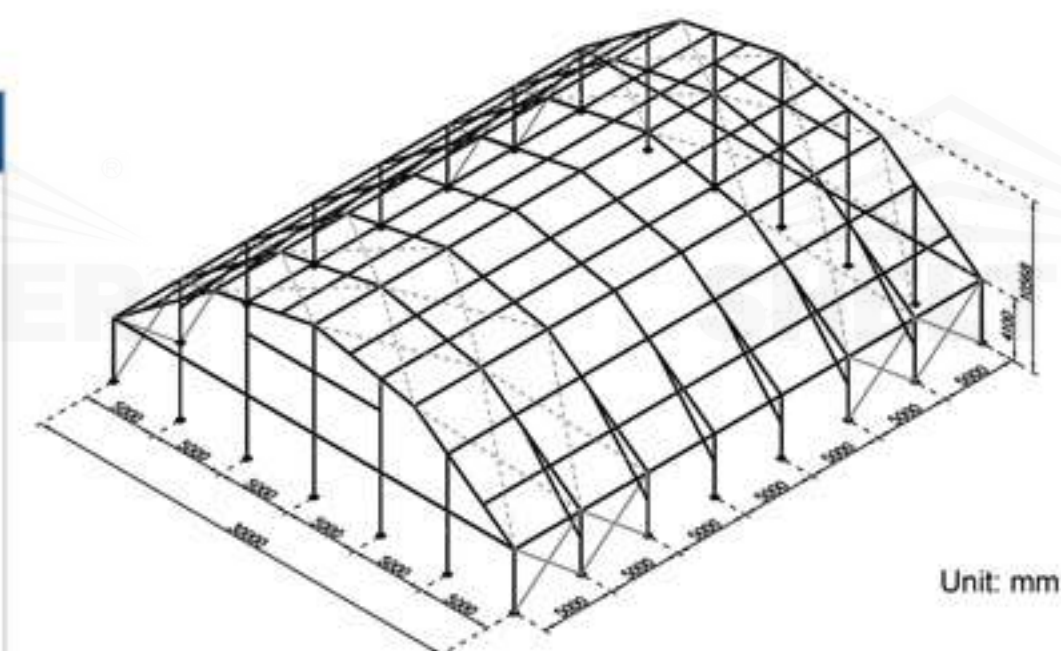
POLYGON SERIES

Main Profiles:	Available Sizes: 122x68x3mm, 112x203x4mm
	120x250x4mm, 300x120x4mm
	Material: Hard pressed extruded aluminum alloy T6061/T6
Cover:	Features: Stainless
	Density: 850g/sqm double coated blackout white PVC for roof
	650g/sqm translucent white PVC for side walls
	Material: PVC coated polyester fabric
Components:	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
	Superior enclosure with hot dip galvanized steel



DP SERIES FRAME SPECIFICATION

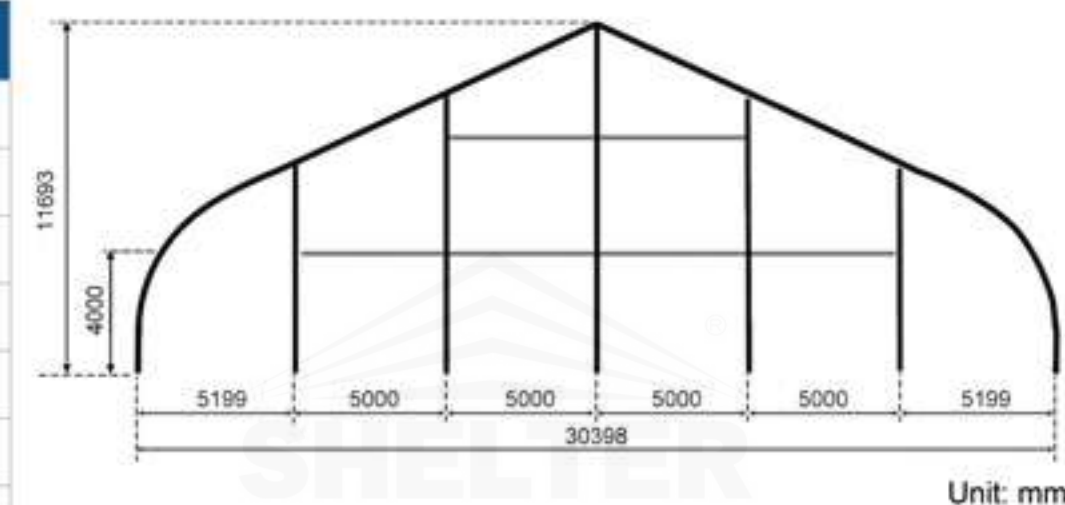
Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
DP010005	10	4.00	6.11	5	2.98	100km/h
DP015005	15	4.00	7.28	5	4.77	
DP020005	20	4.00	8.22	5	5.96	
DP025005	25	4.00	9.76	5	7.73	
DP030005	30	4.00	10.91	5	9.27	
DP035005	35	4.00	12.45	5	9.27	
DP040005	40	4.00	13.46	5	9.27	





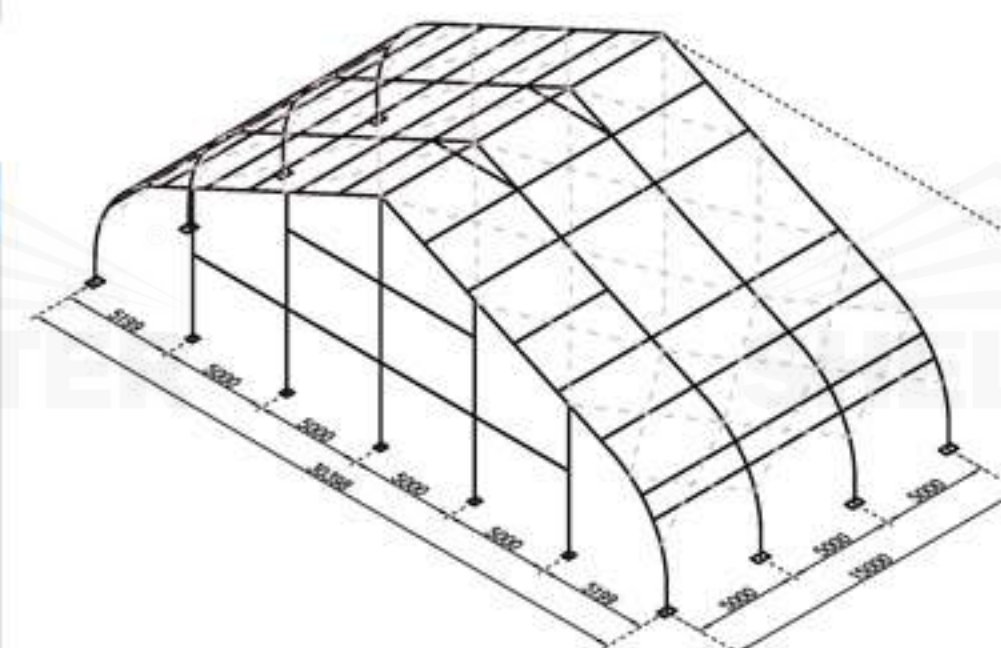
TFS SERIES

Main Profiles:	Available Sizes: 112x203x4mm, 120x350x6mm
	166x380x6mm, 130x310x5mm
	Material: Hard pressed extruded aluminum alloy T6061/T6
	Features: Stainless
Cover:	Density: 850g/sqm double coated blackout white PVC for roof
	650g/sqm translucent white PVC for side walls
	Material: PVC coated polyester fabric
	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
Components:	Superior enclosure with hot dip galvanized steel



TFS SERIES FRAME SPECIFICATION

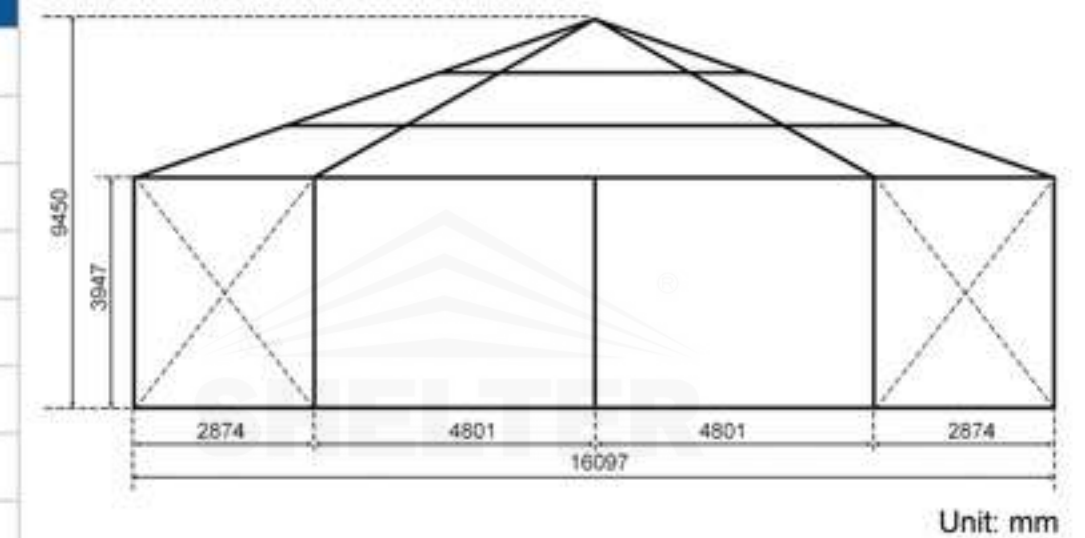
Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
T015005	15	4.00	8.08	5	7.54	120km/h
T020005	20	4.00	9.24	5	9.11	
T025005	25	4.00	10.40	5	9.11	
T030005	30	4.00	11.69	5	11.20	
T035005	35	4.00	12.85	5	11.10	





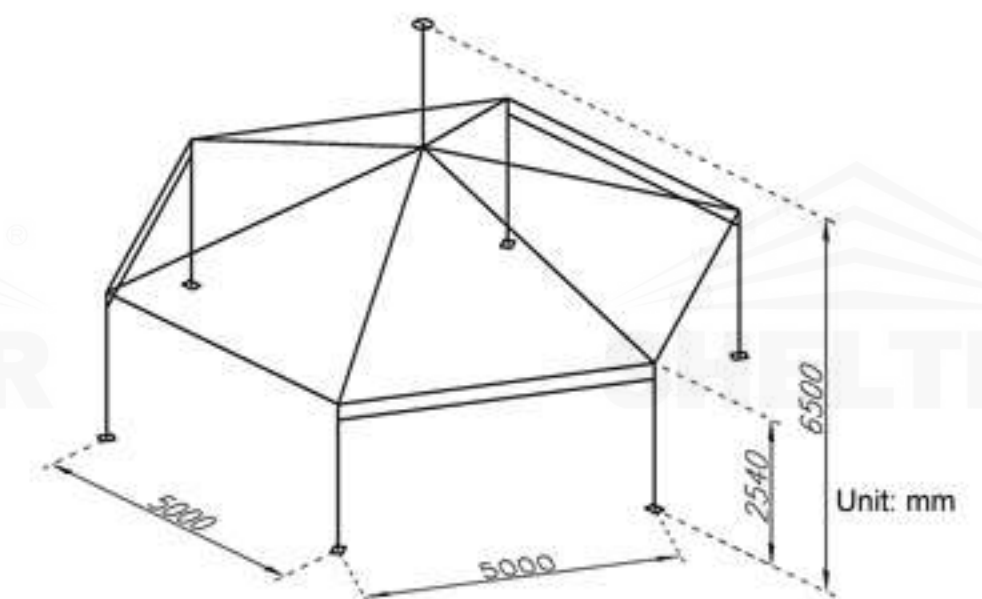
MULTI-SIDE SERIES

Main Profiles:	Available Sizes: 166x88x3mm, 122x203x4mm
	Material: Hard pressed extruded aluminum alloy T6061/T6
	Features: Stainless
Cover:	Density: 850g/sqm double coated blackout white PVC for roof 650g/sqm translucent white PVC for side walls
	Material: PVC coated polyester fabric
	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
Components:	Superior enclosure with hot dip galvanized steel



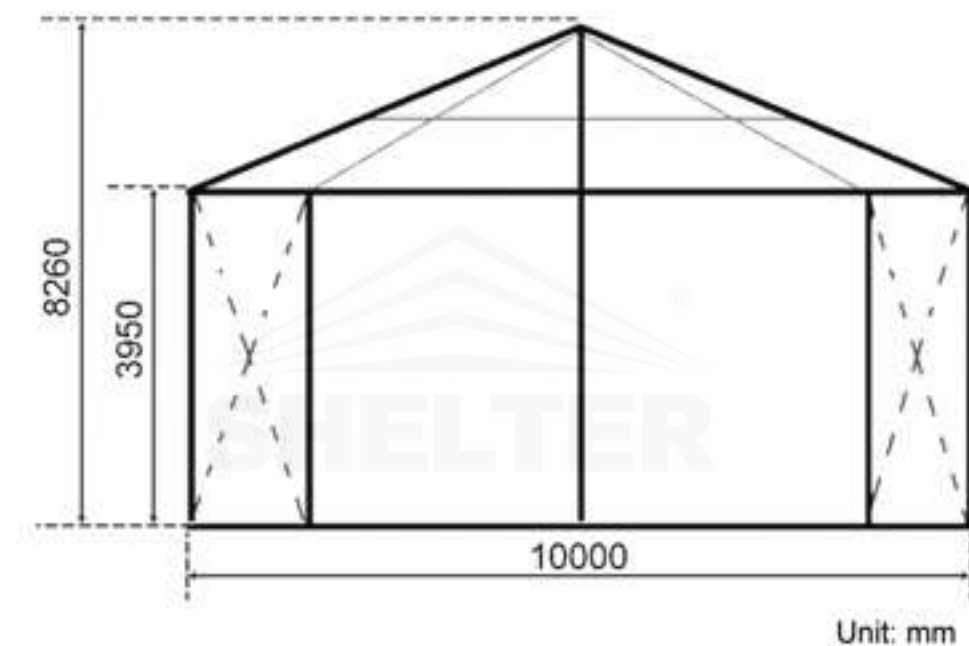
POLYGON SERIES FRAME SPECIFICATION

Item	Width(m)	Eave Height(m)	Ridge Height(m)	Longest Parts(m)	Max.Wind Load
Hexagon	10	3.00	6.40	5.30	100km/h
Octagon	13	3.00	7.35	6.98	
Decagon	16	4.00	9.45	8.65	
Dodecagon	20	4.00	9.67	10.69	
Tetradecagon	22	4.00	10.12	10.69	
Hexadecagon	25	4.00	10.46	10.69	
Octadecagon	30	4.00	12.00	10.61	
Twenty-four Side	40	4.00	13.92	10.61	



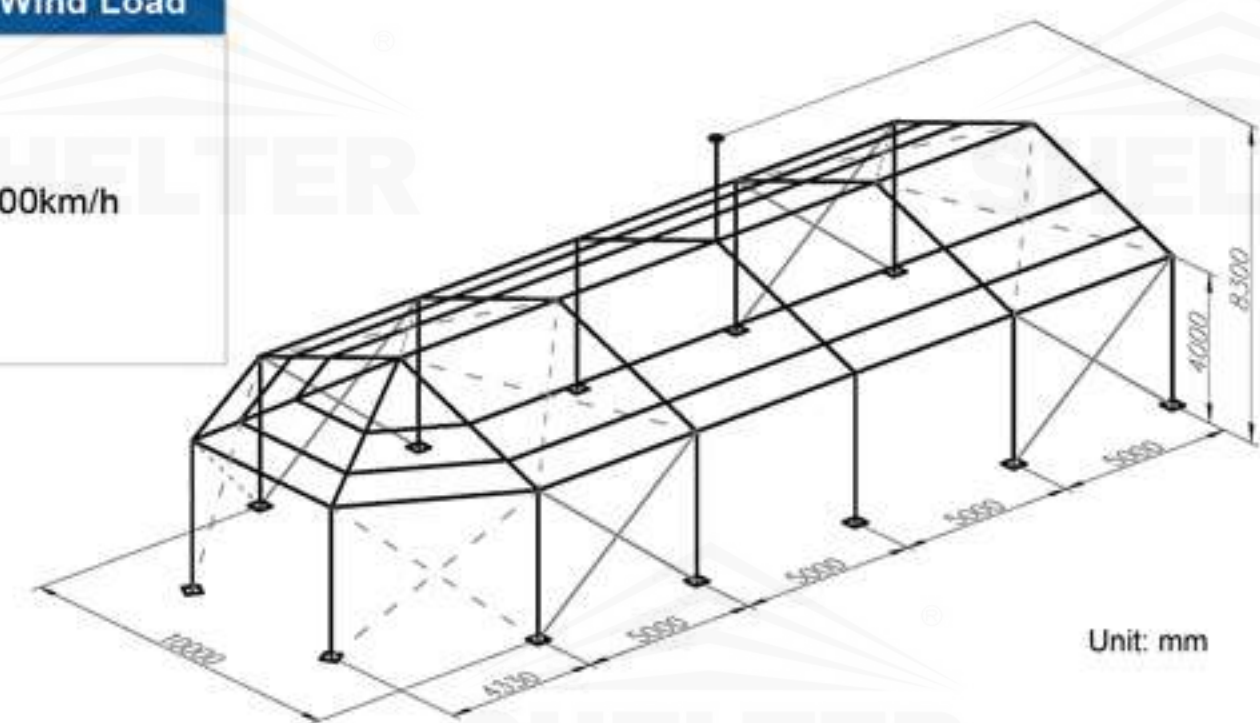


MPT SERIES	
Main Profiles:	Available Sizes: 112x203x4mm, 120x200x4mm
	120x250x4mm
	Material: Hard pressed extruded aluminum alloy T6061/T6
Cover:	Features: Stainless
	Density: 850g/sqm double coated blockout white PVC for roof
	650g/sqm translucent white PVC for side walls
	Material: PVC coated polyester fabric
Components:	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
	Superior enclosure with hot dip galvanized steel



MPT SERIES FRAME SPECIFICATION

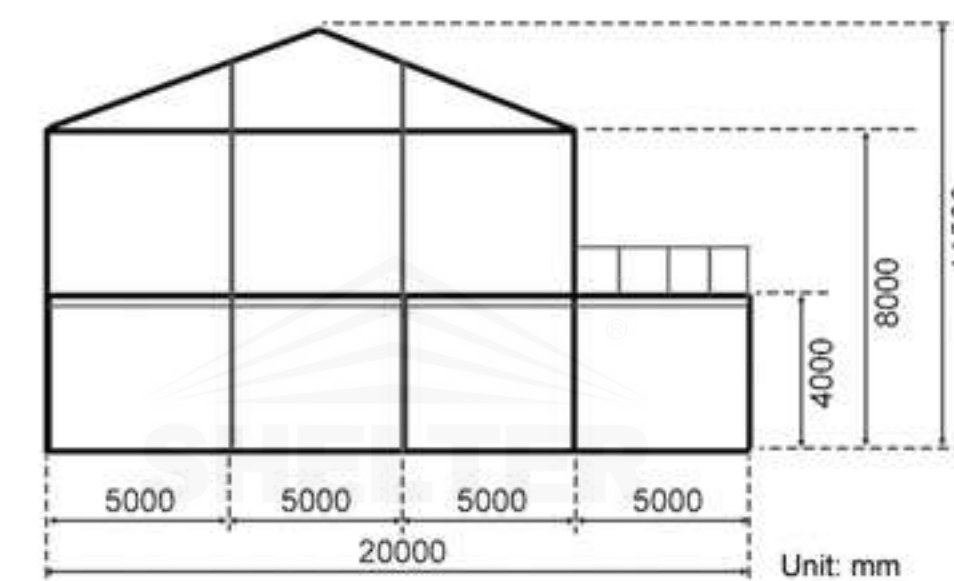
Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
MPT010005	10	3.95	8.26	5	5.60	100km/h
MPT015005	15	3.95	8.88	5	8.10	
MPT020005	20	3.95	9.67	5	10.70	
MPT025005	25	3.95	11.50	5	10.70	





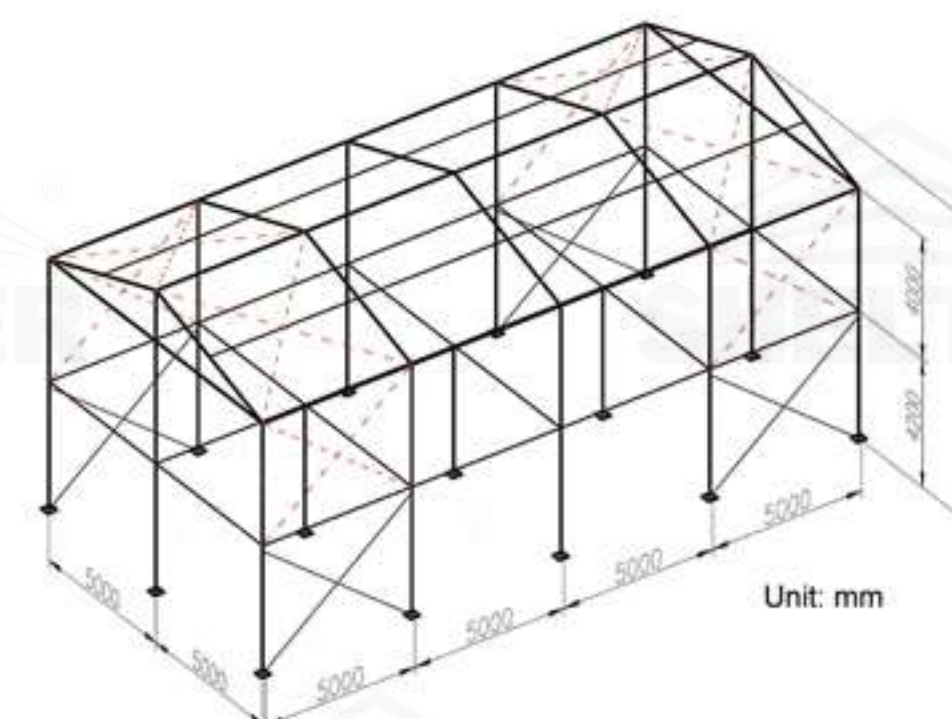
DOUBLE DECKER SERIES

Main Profiles:	Available Sizes: 112x203x4mm, 120x300x5mm
	120x250x6mm
Cover:	Material: Hard pressed extruded aluminum alloy T6061/T6
	Features: Stainless
	Density: 850g/sqm double coated blockout white PVC for roof
	650g/sqm translucent white PVC for side walls
Components:	Material: PVC coated polyester fabric
	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
	Superior enclosure with hot dip galvanized steel



DOUBLE DECKER SERIES FRAME SPECIFICATION

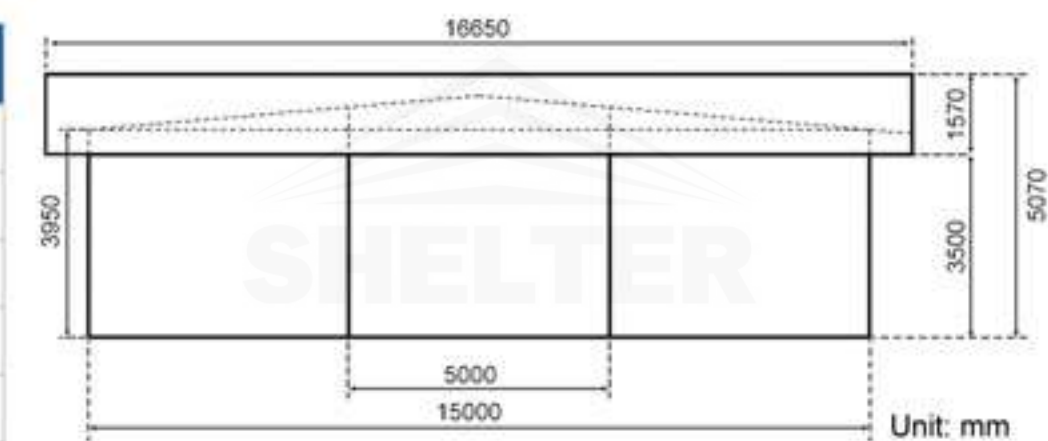
Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
D010005	10	8.00	9.80	5	5.40	120km/h
D015005	15	8.00	10.60	5	7.90	
D020005	20	8.00	11.50	5	10.70	
D025005	25	8.00	12.20	5	10.70	
D030005	30	8.00	13.00	5	10.70	





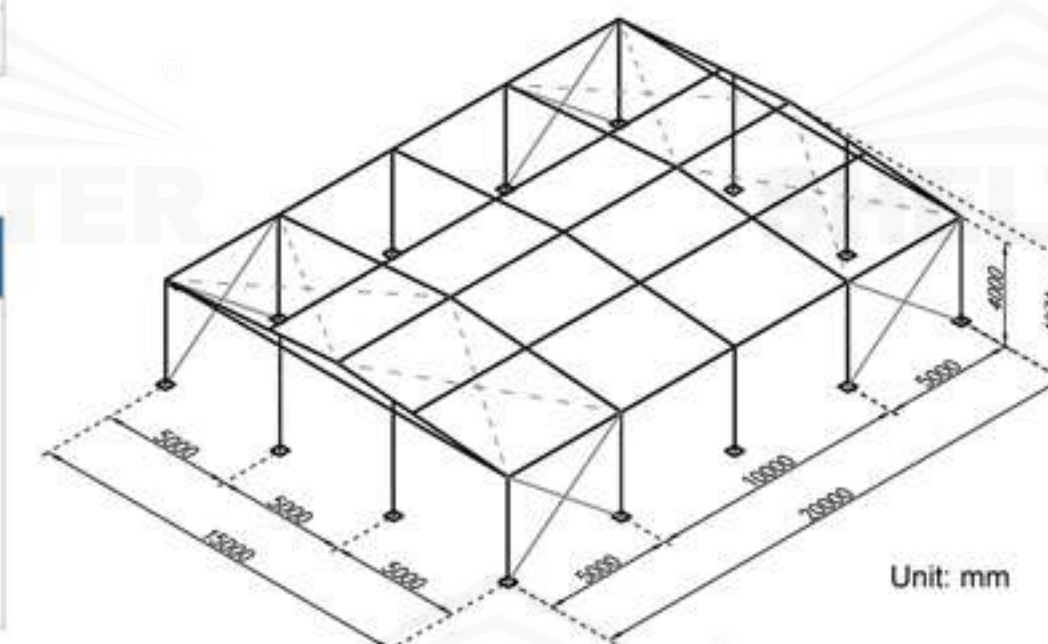
THERMO ROOF SERIES

Main Profiles:	Available Sizes: 112x203x4mm, 120x200x4mm
	120x250x4mm
Cover:	Material: Hard pressed extruded aluminum alloy T6061/T6
	Features: Stainless
	Density: 850g/sqm double coated blackout white PVC for roof
	650g/sqm translucent white PVC for side walls
Components:	Material: PVC coated polyester fabric
	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
	Superior enclosure with hot dip galvanized steel



THERMO ROOF SERIES FRAME SPECIFICATION

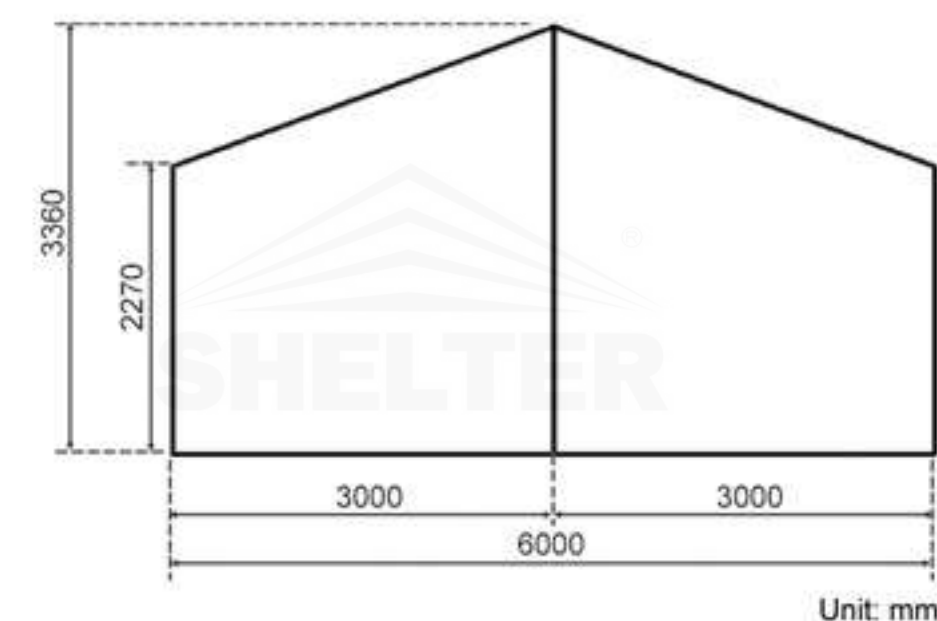
Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
F010005	10	3.95	4.67	5	6.00	100km/h
F015005	15	3.95	5.07	5	8.10	
F020005	20	3.95	5.07	5	10.70	
F025005	25	3.95	5.10	5	10.70	





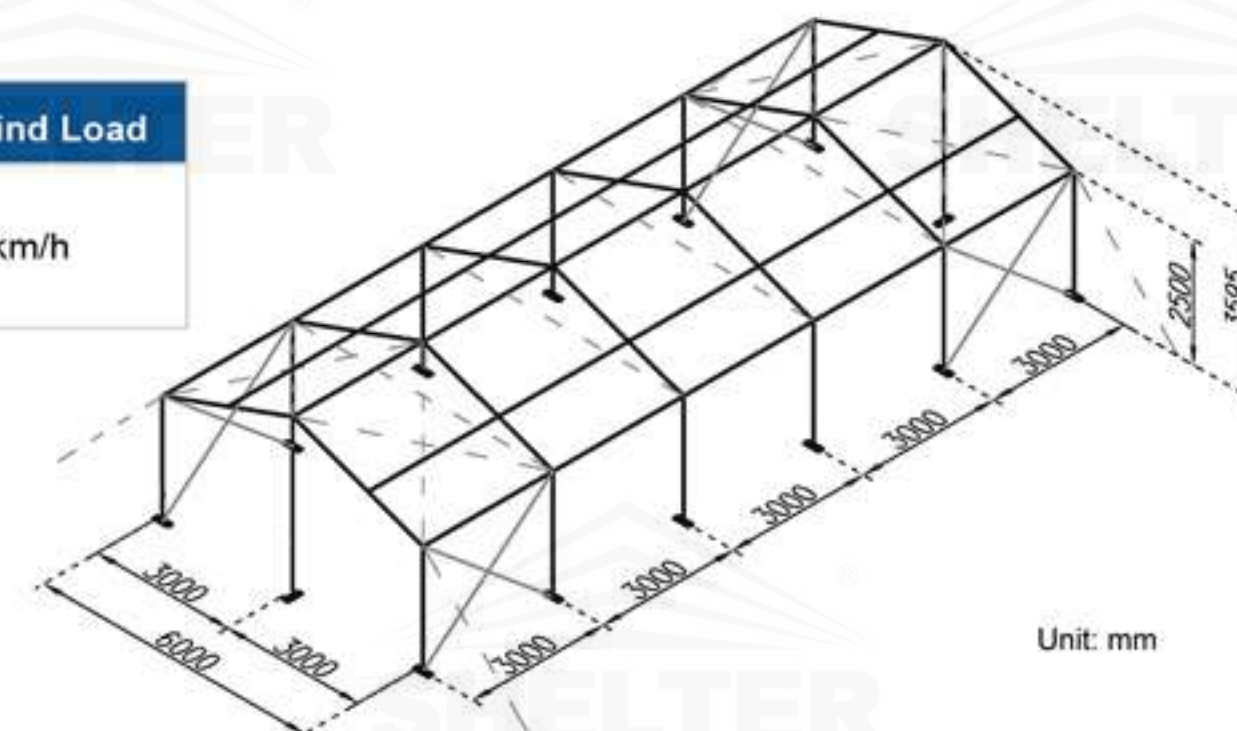
MILITARY SERIES

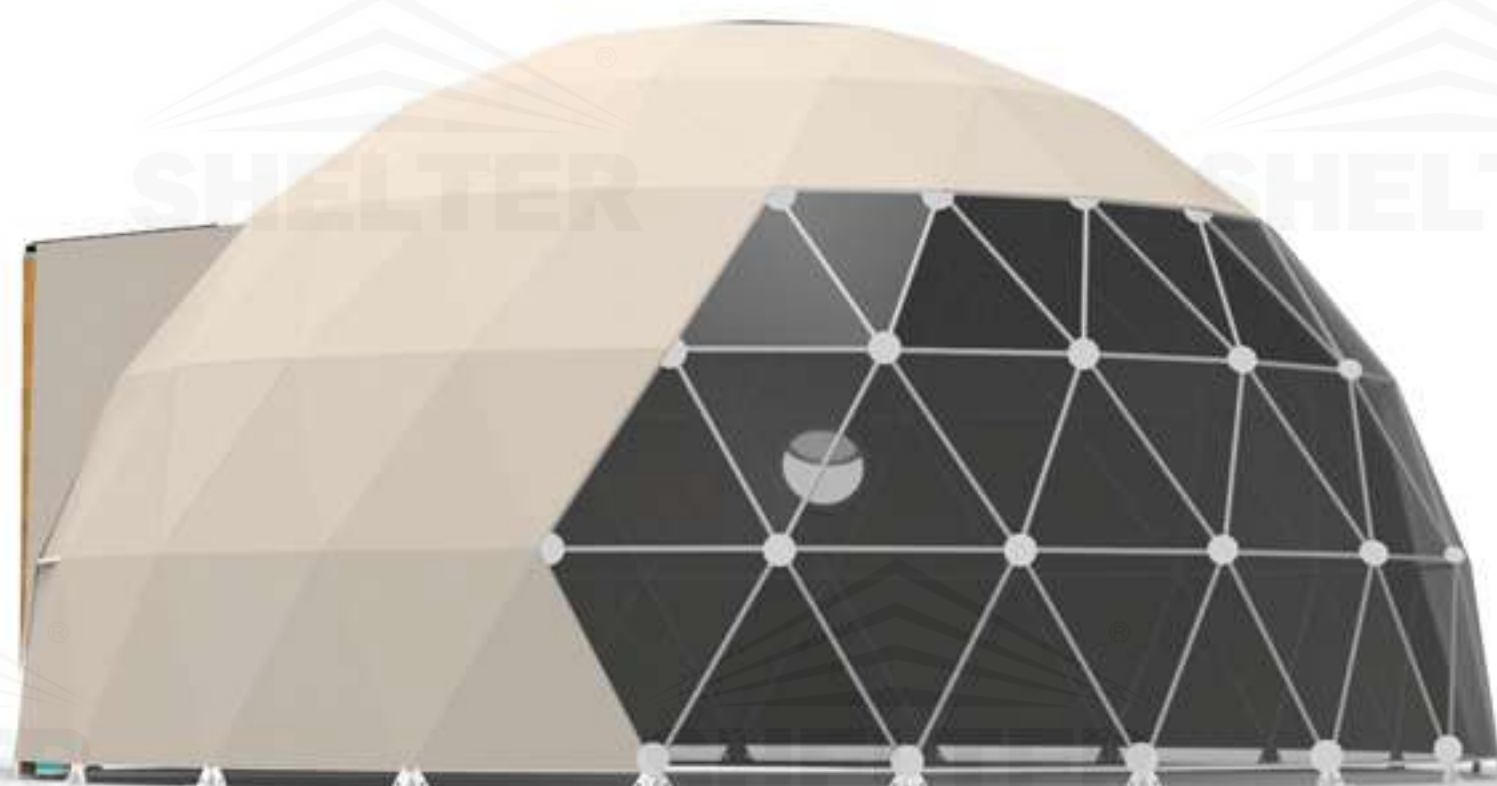
Main Profiles:	Available Sizes: 94x48x3mm
	Material: Hard pressed extruded aluminum alloy T6061/T6
	Features: Stainless
Cover:	Density: 710g/sqm double coated blackout army green PVC for roof & side walls
	Material: PVC coated polyester fabric
	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
Components:	Superior enclosure with hot dip galvanized steel



MILITARY SERIES FRAME SPECIFICATION

Item	Width(m)	Eave Height(m)	Ridge Height(m)	Bay Distance(m)	Longest Parts(m)	Max.Wind Load
MT006003	6	2.27	3.36	3	3.30	80km/h
MT008003	8	2.27	3.96	3	4.30	





SHELTER DOME SERIES

Main Profiles:	Available Sizes: $\Phi 26 \times 2 \text{mm}$, $\Phi 32 \times 3 \text{mm}$, $\Phi 42 \times 3 \text{mm}$, $\Phi 50 \times 3 \text{mm}$
	Material: Hot Dip Galvanized Steel Pipe Q235
	Features: Stainless
Cover:	Density: 850g/sqm double coated blackout white PVC 650g/sqm translucent white PVC; 950g/sqm transparent PVC
	Material: PVC coated polyester fabric
	Features: Water proof, UV resistant, fire retardant(DIN4102, B1, M2)
Components:	Superior enclosure with hot dip galvanized steel

GEODESIC DOME SERIES FRAME SPECIFICATION

Size (Diameter)	Center Height	Max. Windload	Floor Area	Door(s) Round Hoop	Capacity		Assembly Time
					Standing	Seating	
6m	3m	80 km/h	28m ²	1	28	19	2 hours with crew of 2
10m	5m	80 km/h	78m ²	1	78	52	7 hours with crew of 3
15m	7.5m	100 km/h	176m ²	2	176	117	12 hours with crew of 4
20m	10m	100 km/h	314m ²	2	314	209	15 hours with crew of 5
25m	12.5m	100 km/h	490m ²	2	490	327	16 hours with crew of 10
30m	13m	100 km/h	700m ²	3	700	467	20 hours with crew of 12
35m	14m	100 km/h	960m ²	4	960	640	23 hours with crew of 12
40m	15m	100 km/h	1256m ²	5	1256	837	25 hours with crew of 15
50m	18m	100 km/h	1962m ²	8	1962	1308	28 hours with crew of 15



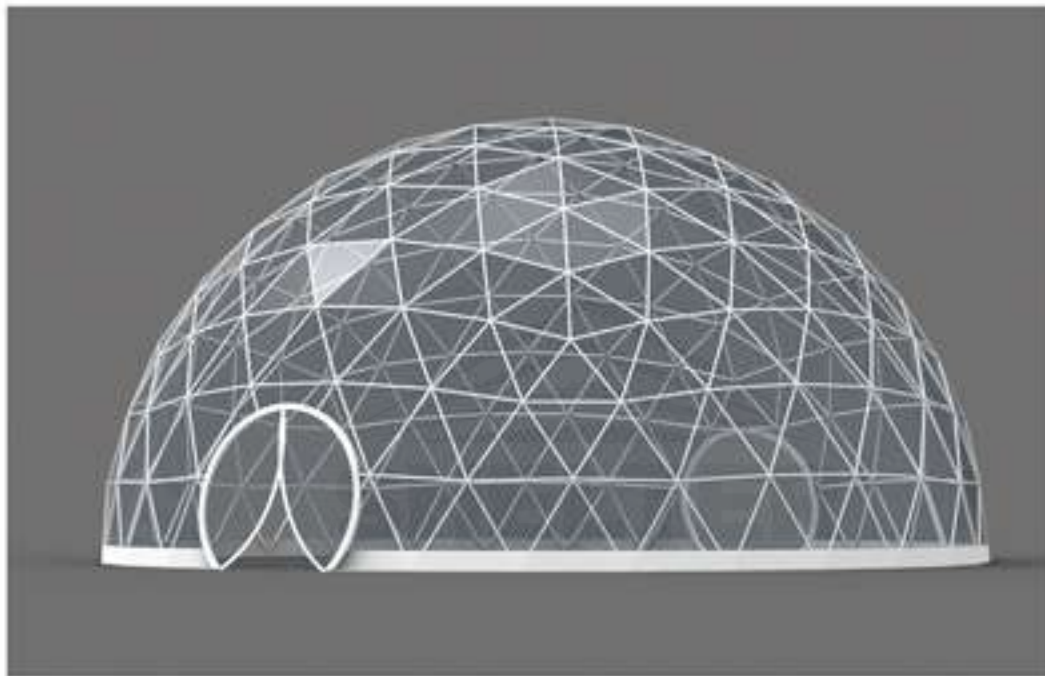
DIA. 6M GLAMPING DOME



DIA. 8M DELUX DOME SUITE



DIA. 10M RECEPTION DOME



TRANSPARENT DOME



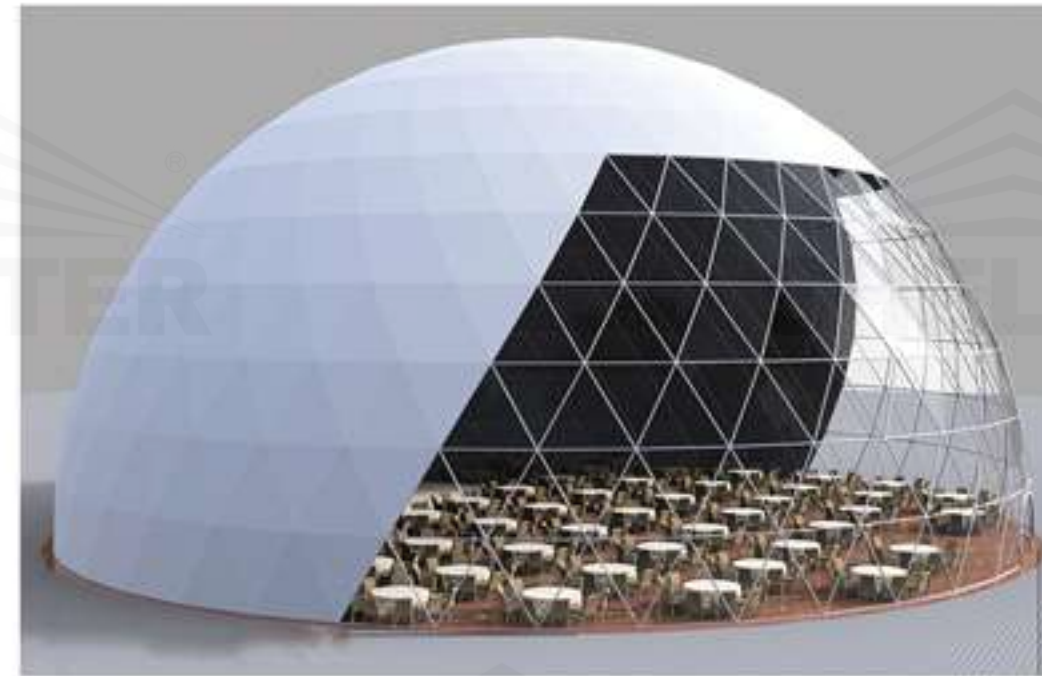
CONNECTED DOME



STAGE DOME



SPORTS DOME



DIA. 40M CATERING DOME



GREENHOUSE DOME

ACCESSORIES



ABS Solid Wall



Glass Wall



Sandwich Panel



Clear PVC Window



Glass Door



Aluminum Exit Door



Roller Shutter Door



Clamshell Door



Cassette Floor



Balcony Handrail



Staircase



Rain Gutter



Entrance Ramp



Lining & Curtain



Carpet



Lighting





Rack for Glass / Alu. Door



Rack for Glass Wall



Rack for ABS Wall



Expansion Bolt



Steel Stake



Weight Plate



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