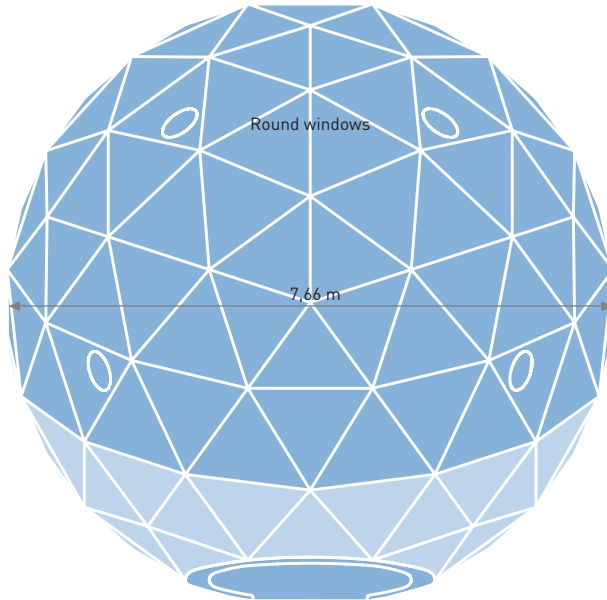




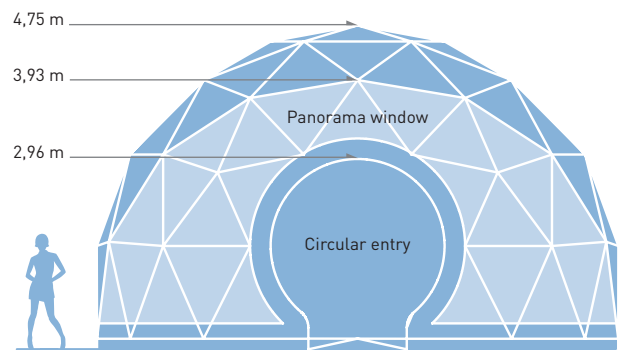
ZENDOME.45M

45 square metres of geodesic space – the perfect size for seminars, conventions, corporate events, for exclusive banquets, receptions and weddings.

TOP VIEW:



FRONT VIEW:



TECHNICAL DATA

Diameter	7,66 m
Height	4,75 m
Exhibition Space	45 m ²
Membrane Surface	109 m ²
Volume	149 m ³

ENTRANCE SETTINGS

Circular entry	1 / optional 3
Width [circular entry without door, measured at floor-level]	1,42 m
Width [circular entry without door, measured at the centre]	3,04 m
Heights of the circular-entry	2,96 m
Membrane-entrance	3
Door system [optional]:	
Height of entrance with door	2,10 m
Width of entrance with door	1,27 m
Door-wings	1

WINDOW SETTINGS:

Round windows	4
Round windows (transparent or white)	4
Top round windows [ventilation openings]	-
AC-openings	1
Height of panorama window	3,94 m

MATERIAL & DETAILS

Number of different struts/poles	5
Min. length of struts	1301 mm
Max. length of struts	1567 mm
Diameter of struts	30 mm
Material thickness	2,0 mm
Number of structure feet	15
Membrane material	PVC Coated Polyester Fabrics

SAFETY:

Windloads [dynamic pressure q = kN/m ² according to DIN 4112]	0,5
Dynamic pressure is about [Beaufort]	11 / violent storm
Extra loads	300 – 400 kg
Number of extra loads contact points	6 – 16

LOAD PARAMETERS

Structure	382 kg
Structure feet	36 kg
Membrane	75 kg
Circular doorway	27 kg
Door	80 kg
Complete	600 kg

STORAGE AND LOGISTIC SYSTEM (OPTIONAL)

Number of structure stanchions*	1
Structure stanchion (L x W x H)	2,02 x 0,87 x 1,14 m
Weight structure stanchion	535 kg / 2,00 m ³
Number of membrane boxes*	1
Membrane box (L x W x H)	1,15 x 1,875 x 1,14 m
Weight membrane box	110 kg
Door box (for 1 door, L x W x H)	2,35 x 1,50 x 0,35 m
Weight door box	130 kg / 1,23 m ³
Packing tare weight / volume	250 kg / 5,68 m ³
ZENDOME with stanchions	850 kg / 5,68 m ³
Loading meters	3,6 m

CONSTRUCTION / DECONSTRUCTION

Construction time	4 – 5 h
Deconstruction time	2 – 3 h
Team size [pax]	2 – 3
Coaching [days]	1
Mobile Crane, Height/Boom	-

ZENDOME PLUG-IN

Ring nut inner diameter	2,5 cm
Number of plug-in use of full load (25 kg)	16
Number of plug-in use of full load (50 kg)	6

NOTES:

- * According to standard product package [circular doorway...]
- The construction time is timed with an experienced team. For first construction calculate double the time
- According to the location and local building laws additional weights may be needed.
- All sizes, weights and volumes listed in this table are rounded approximations and may deviate due to varying materials or production processes.