



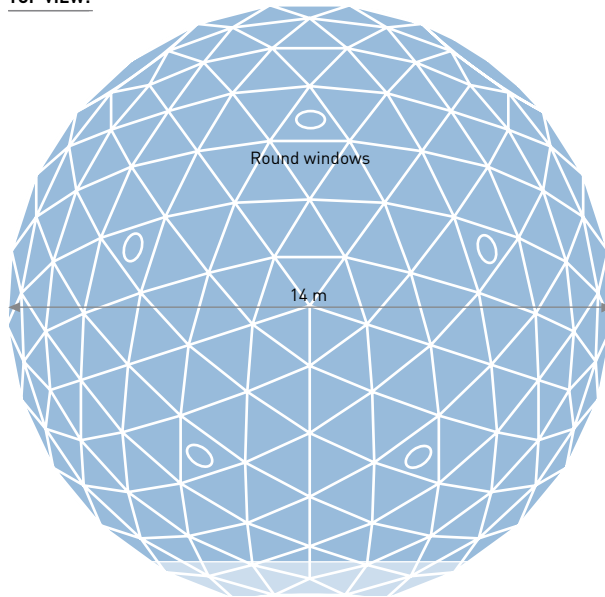
Your clients love it – the event as a real experience! Communicate your MICE-activities emotionally – the geodesic dome is an inspiration with its overwhelming 150m² of space.

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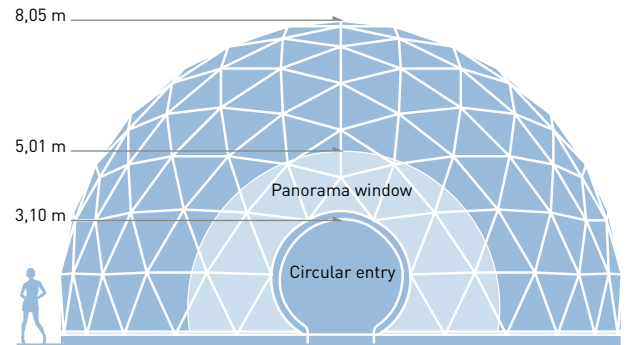
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ZENDOME GmbH

TOP VIEW:



FRONT VIEW:



TECHNICAL DATA

Diameter	14 m
Height	8,05 m
Exhibition Space	150 m ²
Membrane Surface	294 m ²
Volume	700 m ³

ENTRANCE SETTINGS

Circular entry	3
Width [circular entry without door, measured at floor-level]	1,72 m
Width [circular entry without door, measured at the centre]	3,40 m
Heights of the circular-entry	3,10 m
Membrane-entrance	3
Door system [optional]:	
Height of entrance with door	2,10 m
Width of entrance with door	1,07 m + 0,53 m
Door-wings	2

WINDOW SETTINGS:

Round windows	7
Round windows [transparent or white]	7
Top round windows [ventilation openings]	5
AC-openings	3
Height of panorama window	5,01 m

MATERIAL & DETAILS

Number of different struts/poles	10
Min. length of struts	1360 mm
Max. length of struts	1813 mm
Diameter of struts	30 mm
Material thickness	2,0 mm
Number of structure feet	25
Membrane material	PVC Coated Polyester Fabrics

SAFETY:

Windloads [dynamic pressure q = kN/m ² according to DIN 4112]	0,8
Dynamic pressure is about [Beaufort]	12/violent storm
Extra loads	800 – 1275 kg
Number of extra loads contact points	16 – 51

LOAD PARAMETERS

Structure	987 kg
Structure feet	60 kg
Membrane	220 kg
Circular doorway	93 kg
Door	95 kg
Complete	1455 kg

STORAGE AND LOGISTIC SYSTEM (OPTIONAL)

Number of structure stanchions*	2
Structure stanchion (L x W x H)	1,97 x 0,87 x 1,14 m
Weight/volume structure stanchions	500 kg/4,00 m ³
Number of membrane boxes*	1
Membrane box (L x W x H)	2,30 x 1,84 x 1,14 m
Weight/volume membrane box	240 kg/4,40 m ³
Entry transportation box [up to 3 round entries]	2,00 x 0,80 x 0,60 m
Weight/volume entry transportation box	40 kg/0,96 m ³
Door box [for 1 door, L x W x H]	2,35 x 1,83 x 0,35 m
Weight/volume door box	20 kg/1,50 m ³
Complete	800 kg/10,86 m ³
ZENDOME with stanchions	2255 kg/10,86 m ³
Loading meters	3,2

CONSTRUCTION / DECONSTRUCTION

Construction time	11 – 14 h
Deconstruction time	6 – 7 h
Team size [pax]	6 – 8
Coaching [days]	2
Mobile Crane, Height/Boom	25 m/20 m

ZENDOME PLUG-IN

Dimensions	4 x 2,5 cm
Number of plug-in use of full load [25 kg]	51
Number of plug-in use of full load [50 kg]	16

* According to standard product package [circular doorway...]

NOTES:

- 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.