



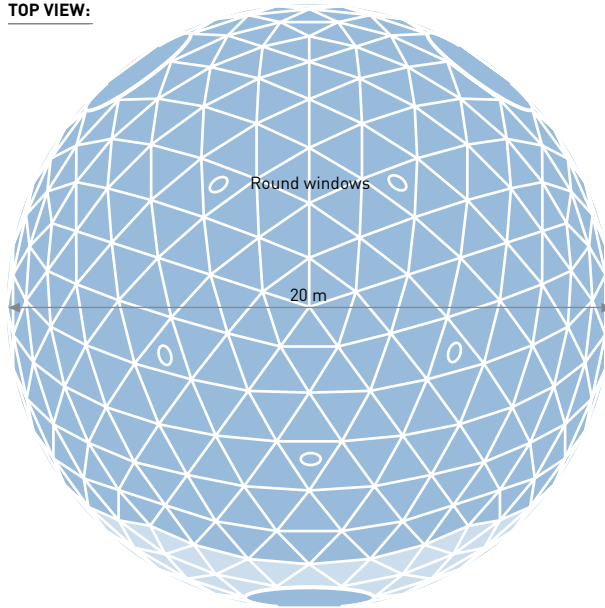
Good ideas and the right atmosphere need space! Celebrate your MICE-activities exclusively – the geodesic dome will provide you with 300 m² of unforgettable spatial experience.

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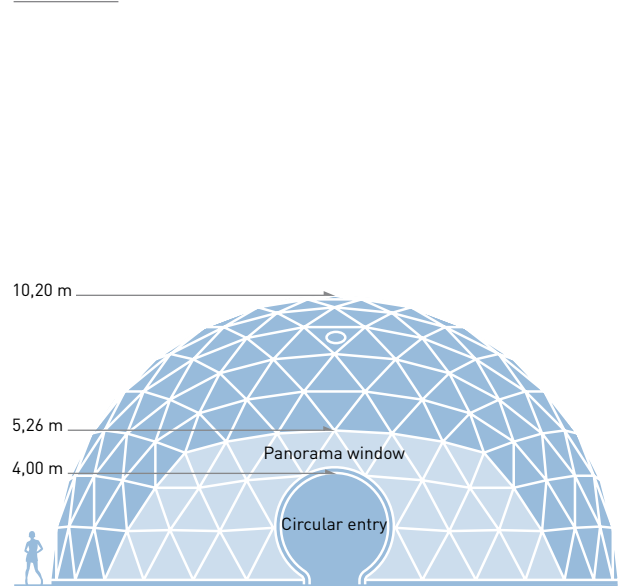
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ZENDOME GmbH

TOP VIEW:



FRONT VIEW:



TECHNICAL DATA

Diameter	20 m
Height	10,20 m
Exhibition Space	300 m ²
Membrane Surface	620 m ²
Volume	2100 m ³

ENTRANCE SETTINGS

Circular entry	3/optional 5
Width [circular entry without door, measured at floor-level]	1,96 m
Width [circular entry without door, measured at the centre]	4,12 m
Heights of the circular-entry	4,00 m
Membrane-entrance	3/optional 5
Door system [optional]:	
Height of entrance with door	2,10 m
Width of entrance with door	1,15 + 0,50 m
Door-wings	2

WINDOW SETTINGS:

Round windows	5
Round windows (transparent or white)	5/optional 3
Top round windows [ventilation openings]	5
AC-openings	3
Height of panorama window	5,26 m

MATERIAL & DETAILS

Number of different struts/poles	10
Min. length of struts	1626 mm
Max. length of struts	2166 mm
Diameter of struts	35 mm
Material thickness	2,5 mm
Number of structure feet	30
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	1000 – 1275 kg
Number of extra loads contact points	20 – 51

LOAD PARAMETERS

Structure	1316 kg
Structure feet	72 kg
Membrane	465 kg
Circular doorway	120 kg
Door	97 kg
Complete	2070 kg

STORAGE AND LOGISTIC SYSTEM (OPTIONAL)

Number of structure stanchions*	4
Structure stanchion (L x W x H)	2,30 x 0,87 x 1,14 m
Weight/volume structure stanchions	1000 kg/8,00 m ³
Number of membrane boxes*	2
Membrane box (L x W x H)	2,30 x 1,84 x 1,14 m
Weight/volume membrane box	480 kg/8,80 m ³
Entry transportation box (up to 3 round entries)	2,80 x 0,80 x 0,60 m
Weight/volume entry transportation box	40 kg/1,34 m ³
Door box (for 1 door, L x W x H)	2,35 x 2,01 x 0,35 m
Weight/volume door box	20 kg/1,70 m ³
Complete	1540 kg/19,84 m ³
ZENDOME with stanchions	3610 kg/19,84 m ³
Loading meters	5

CONSTRUCTION / DECONSTRUCTION

Construction time	16 – 22 h
Deconstruction time	8 – 10 h
Team size [pax]	8 – 10
Coaching [days]	3
Mobile Crane, Height/Boom	35 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)	20

* 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.