



UMBRELLA-BAR

Frame

The spokes are made of an aluminum, square profile (at least 50x20x3 mm). The centre pole has a wounded aluminium profile of 200-400 mm in diameter. The aluminium telescopic head piece is 150-300 mm in diameter. The umbrella profile contains a U profile for the attachment of the spokes. The frame is powder coated (polyester powder ca. 80 µ).

- _ White RAL 9010 (standard)
- _ Other colours are possible

Mechanics

Inner lying gearbox with an electronic motor.

Stands

The flooring consists of ground boards and an adapter. The centre plate is made of galvanised steel and consists of plates and supports. Galvanised steel bars radiate from this centre plate and support all the other ground boards.

Adapter

The inner diameter is 200-400 mm. The central mast is erected with a hydraulic mechanism.

Canvas

The canvas is made from 12 - 24 individual segments and each segment slides into a special section attached to the frame. This allows each individual segment to be replaced easily. The cover is fade, light and water resistant. It is designed to withstand all weather conditions and can be ordered with valances or winter valances.

MDT-tex® 260 FR

(100% polyester dual-sided acrylic coating). Mass ca. 260 g/m², water column pressure over 2000 mm, flame retardant up to DIN U102-B1, California T-19.

MDT-tex® 680

(PVC material for optimal weather protection). Mass ca. 680 g/m².

Print

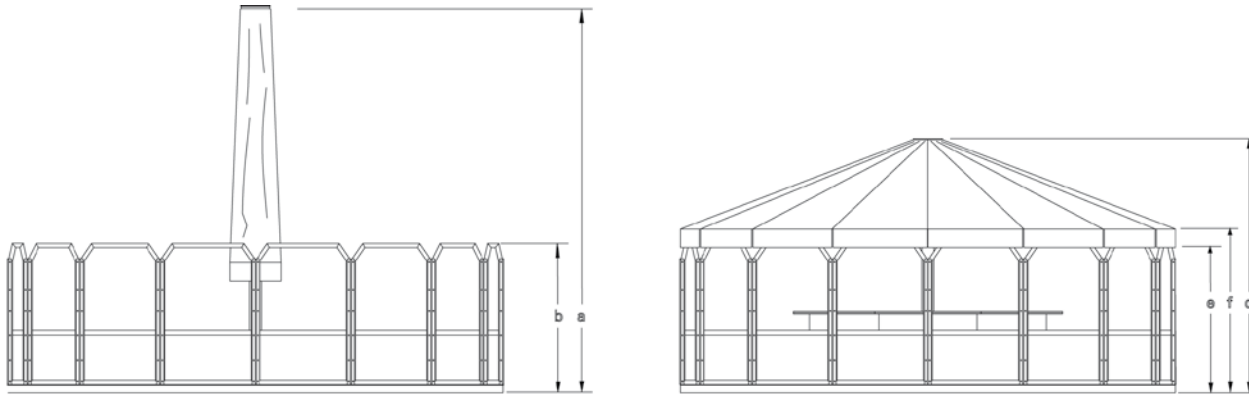
- _ Digital print
- _ Screen print
- _ Dispersion dye print

Advantages

- _ Opened and closes using an electric motor
- _ The umbrella is erected using a hinged adapter
- _ Telescopic pole allows the umbrella to open and close above table height
- _ Side walls are available
- _ Hydraulic mechanism erects the central mast
- _ The construction can withstand high wind speeds if the side walls are connected properly with the umbrella frame
- _ All mechanical and electric construction units are checked by TÜV Germany

Accessories

- _ Various lighting possibilities
- _ Transport case
- _ Protective sleeve with a telescopic pole
- _ Wind sheltering side walls available in different heights
- _ Gas or electric heater
- _ Speakers
- _ Stainless steel bar
- _ Winter valances



Dimensions are in meters

*all measurements are rounded



8 x 8



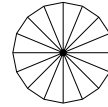
ø 8



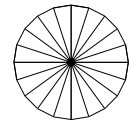
10 X 10



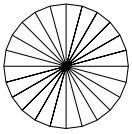
ø 10



ø 12



ø 14



ø 16

Measurements

Number of spokes	16	16	20	16	16	20	24
Dimensions of spokes	60x30x3	50x20x3	60x30x3	60x30x3	60x30x3	60x30x3	60x30x3
Mast size	200	200	300	250	300	350	400

Dimensions of closed umbrella

a: Closed height (cm)	670	620	830	660	800	900	920
b: Sidewall height (cm)	230	230	230	230	230	230	230

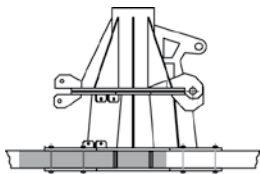
Dimensions of open umbrella

d: Opened height (cm)	520	373	630	411	514	749	910
e: Distance from valance to ground (cm)	220	220	220	220	220	220	220
f: Distance from spokes to ground (cm)	260	260	260	260	260	260	260
Height of full height side wall (cm)	230	230	230	230	230	230	230
Height of chest-high side wall (cm)	170	147	250	181	181	220	250

Accessories

Adaptor (*1)	Type 250/88	Type 200/8	Type 300/1010	Type 250/10	Type 300/12	Type 350/14	Type 400/16
Ground tube	Type 250/88	Type 200/8	Type 300/1010	Type 250/10	Type 300/12	Type 350/14	Type 400/16
Protective sleeve size	XXL 8x8	XXL 8	XXL 10x10	XXL 10	XXL 12	XXL 14	XXL 16
Lighting (standard)	8x8W	8x8W	8x8W	8x8W	8x8W	8x8W	8x8W
Heating	electrics / gas	electrics / gas	electrics / gas	electrics / gas	electrics / gas	electrics / gas	electrics / gas

(*1)



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Membranes & Structures