HANGAIR
by DUOL

DMT EX
Exoskeleton Tents



What makes this tent range so special is the exoskeleton frame which allows rapid deployment.

Even in rain or snow the inside of the tent stays dry during setup, because the tent skin is pulled up and attached in one piece underneath the frame.

Quick setup
in less than 10 minutes

Resistant
to atmospheric agents

Reduced
transport and storage size and weight

Withstands
winds of up to 130 km/h and snow loads of up to 50 kg/m2

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TECHNICAL DETAILS

Tent skin

The tent skin and the groundsheet are made of high-quality PVC-coated polyester fabric. They are joined by high frequency welding; therefore, the seams are watertight. As a standard, the tent skin is flame retardant according to the DIN4102 B1 standard. Fabrics that meet different standards are available upon request. The tent is equipped with rear and front door with entrance flap, four passages for climatization and cable passages as well as a window for each panel between two leg poles.

Frame

The frame is made of especially designed anodized aluminum profiles; the connectors consist of die-cast aluminum. Independent of the tent size, the roof area of the frame comes readily assembled in one piece. Leg poles and extendable base plates are also pre-assembled and only need to be slipped on the corner connectors. For our DMT EX S range (vertical sidewalls), we designed a reinforced frame to help further improve wind resistance for the tents deployed in the harshest environments. The new tests certify that out DMT EX S tent series can withstand winds in gusts of up to 130 km/h and snow loads of up to 50 kg/m2 with sunroof. The anchoring for winds over 100 km/h must include: 4 guy ropes Ø10mm per arc (2 per side each of the arc) with 1 peg Ø25 x 80cm per line and 4 guy ropes to each front and rear.

Standard equipment included in the scope of delivery

The tent comes with complete frame, tent skin with integrated flooring, pegs to anchor the frame and tent skin, hammer, packing bags for tent skin, frame, and accessories.

Technical data

(all values are approx.)	DMT EX 18	DMT EX 36	DMT EX 54	DMT EX S18	DMT EX S36	DMT EX S54	DMT EX S70	DMT EX S620-3	DMT EX S620-6	DMT EX S620-9	DMT EX S620-12
Base area	18 m2	36 m2	54 m2	18 m2	36 m2	54 m2	70 m2	19 m2	37 m2	56 m2	74 m2
Side wall style	sloped	sloped	sloped	vertical	vertical	vertical	vertical	vertical	vertical	vertical	vertical
Frame length	3.00 m	6.00 m	9.00 m	2.90 m	5.80 m	8.70 m	11.60 m	3.00 m	6.00 m	9.00 m	12.00 m
Frame width	5.80 m	5.80 m	5.80 m	5.80 m	5.80 m	5.80 m	5.80 m	6.20 m	6.20 m	6.20 m	6.20 m
Frame eaves height	2.15 m	2.15 m	2.15 m	2.20 m	2.20 m	2.20 m	2.20 m	2.38 m	2.38 m	2.38 m	2.38 m
Frame max. height	3.00 m	3.00 m	3.00 m	3.40 m	3.40 m	3.40 m	3.40 m	3.66 m	3.66 m	3.66 m	3.66 m
Tent eaves height	2.05 m	2.05 m	2.05 m	2.15 m	2.15 m	2.15 m	2.15 m	2.30 m	2.30 m	2.30 m	2.30 m
Tent max. height	2.70 m	2.70 m	2.70 m	3.15 m	3.15 m	3.15 m	3.15 m	3.40 m	3.40 m	3.40 m	3.40 m
Snow load resistance*)	up to 50 kg m2						up to 50 kg m2				
Wind resistance	up to 105 km/h						up to 130 km/h				
Assembly personnel	2	3	4	2	3	4	5	2	3	4	5



Technical data

- Fabric according to military standards
- Additional side entrances or windows
- Adapter to connect tents
- Inner liner made of cotton, PU-coated-polyester, or isolation fabric
- Partition wall
- Sunroof
- Protection groundsheet
- Connection module tent to tent/vehicle/container
- Entrance module
- Hard plastic flooring
- Lighting
- HVAC
- Lettering/branding

Colors

WHITE | SAND | NATO GREEN

**Other colors are available upon request*

ISO 9001 CERTIFIED

ISO 14001 CERTIFIED

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