HANGAIR
by DUOL

DMT MRS
Inflatable Tents



DMT MRS inflatable tents are the ideal solution for operations that require a stable shelter with generous interior volume and high transportability.

This low maintenance soft shelter can be easily moved, packed, and assembled. The fabrics used are water repellent and the high-frequency welding assembly technique ensures waterproofness and the possibility of use in a wide range of climatic areas.

Relocatable
within hours

Compact
packaging and low weight

Robust
self-deployable and highly portable

Modular
efficient design for increased space

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TECHNICAL DETAILS

All DMT MRS inflatable tents are self erecting inflatable tents with an inflatable frame. All supporting elements are made of airtight fabric. The tents can be set up by six to eight people using electric inflators.

The DMT MRS is an inflatable, modular tent. The different sections (modules) are connected by zippers (tent skin), locking pins (inflatable frame) and hook-and-loop fasteners (Velcro, flooring). The tent can be made up of one front and one rear module achieving a length of 7.70 m for the DMT MRS 8-4 and of 6 m for DMT MRS 11-6. Additional central sections (central modules) can be added to increase the length of the tent in steps of 4.80 m up to 12.50 m (3 modules), 17.30 m (4 modules), and so on for the MRS 8-4. For the DMT MRS 11-6, length can be increased in steps of 5.40 m; up to 11.40 m (3 modules), 16.80 m (4 modules) and so on. Each module consists of 3 load bearing parts: first the tent skin, second the inflatable air beams with attached inflatable spacers and third the foldable aluminum tubes as additional spacers at the longitud nal sides. The modules are delivered pre-asembled, only the aluminum tubes must be fitted during erection. The modules are assembled in the field.

Tent skin

The tent skin is attached to the inflatable frame by locking pins and hook-and loop fasteners to the floor. It is made of polyester fabric (750 g/m2) PVC-coated on both sides. The fabric is flame-retardant, waterproof and rot-proof. Due to the fabric's high tolerance to extreme temperatures (between -30°C up to +70°C), these tents can be used in nearly every climate. All the fabric is fungicidally treated. UV-rays do not affect the fabric. The high tear resistance and tensile strength meet the expectations of a long-lasting cover, always assuming that the tent.

Frame

Inflatable tubular frame made of airtight polyester fabric (1100 g/m2) coated on both sides with PVC. Foldable aluminum tubes are used between the eaves arches.

Floor

Flooring made of double-sided PVC-coated polyester fabric (700 g/m2), color grey.

Options and Accessories

- Inner liner
- Partition walls
- Fabric according to military standards
- Side entrances
- Entrance modules
- Solid doors
- Lights
- Heating
- Air conditioning
- Rigid modular flooring
- Lettering/branding

Technical data

(all values are approx.)	DMT MRS 8-4	DMT MRS 11-6
Base area	103.75 m2	248.60 m2
Width	8.30 m	11.20 m
Length	12.50 m	22.20 m
Ridge height	4.15 m	6.00 m
Eaves height	3.16 m	4.35 m
Weight	566 kg	765 kg

Colors



WHITE SAND NATO GREEN

*Other colors are available upon request

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