



The MMT SERIES is a multi-purpose, modular tent intended for performance of various tasks that require isolation from adverse atmospheric conditions. The MMT tent can be used as a sleeping tent, hospital tent, command post, field storehouse or other according to User intention. The tent is prepared for use in different terrain and climate conditions, also with large air humidity and in large sun exposure (external temperature range from -30°C to +55°C).

Main characteristics of the MMT Tent:

– Frame:

Exterior, aluminium (i.e. 6060 T6) frame in NATO Green colour. All joints of the profiles are black anodized. Frame is designed with minimization of loose elements for ensuring quick assembling / dissembling process. No unique / special tools are needed for assembling / dissembling. All loose elements are fixed with other component by a pin (bolt) hooked with steel wire (all bolts, screws and wires are made out of a inox steel). Legs of a frame are adjusted with tree locking points regulation system (telescopic with pins) in order for ensuring good adoption to irregularities of the terrain. The frame is also equipped with saucer kind foot, with swinging element.

– Main canvas:

Main canvas is made out of flame retardant 100% PES fabric with PVC coating on both sides (NATO Green colour). All joints of a fabric are HF welded / sewn with sealing (only when needed, i.e. zippers, velcro, etc.) to ensure it is watertight.

Main canvas is designed to be compatible with inner liner or thermal liner, lighting kit, ceiling net, room compartments, air diffuser, etc. The main canvas has a two passages for HVAC system (diameter 35 cm) and two for electric cables (diameter 20 cm). All passages are located diagonally and around 35 cm above the ground level.

Tents are design to ensure the functionality of modular joining any tent to another, as well as to container (special container connector is needed).

- Doors are in two leaves design (except the connector MMT-5-C, where are one leave doors). All doors are rolled upwards, and fixed with a D-ring straps to the hooks. Any damage susceptibility point are reinforced for ensuring reliability.

The dimensions of the doors are:

- MMT-18 / 36 / 54 - width: 260 cm (130 cm per each leave), height 195 cm
- MMT-5-C - width: 175 cm, height 195 cm

Number of doors for each tent as listed in Table 1.

- Windows are in HF welded, three layers design (1. Mesh / mosquito fixed to the main canvas, 2. Transparent foil (designed for reliability even in extremely cold environment), 3. Curtain made out of same fabric as the body of main canvas). Windows are rolled up and fixed with a D-ring straps to the hooks.
- susceptibility point are reinforced for ensuring reliability. The dimensions of the windows are: width 80 cm, height 55 cm (MMT-18 / 36 / 54). Windows are located 105 cm from the ground level, up to the bottom line of the window. Number of windows as in listed in Table 1.

– Add-on roof (fly):

Add-on roof is made out of innovative polyester knitted fabric, with excellent mechanical performance and durability parameters. The fabric is characterised by an unique effect similar to 3D fabrics. The irregular characteristics is obtained by rising and collapsing of the fabric structure obtained in an automated technological process that guarantees randomness and irregularity of the pattern created.

This makes the whole structure of extraordinary characteristics for masking purposes.

Add-on roof main features:

- Excellent masking properties such as VIS – NIR.
- Excellent thermal insulating properties for both summer and winter.
- Available with several camouflage patterns that suit most of climate zones and seasons.
- Consists of three main elements: main cover for roof and sides of the tent and two fronts. Fronts are fixed to the main cover with the carabiners for ensuring fast assembling / dissembling.

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– **Detachable floor:**

Detachable floor is made out of flame retardant, anti-slipping PVC fabric in NATO Green colour. Floor gives the advantages for functional characteristics of the tent but it is User choice whether use it or not. Detachable floor has a mounting system designed with the s-hooks any velcros in order rise the floor at least 7 cm above the ground level, for ensuring the water tightness.

– **Other:**

All components of the tent are being packed firstly in individual PVC bags (made out of the same fabric as the main canvas) and then in metal cage / box to make the transportation more easy and comfortable.

The MMT Tent comes with all needed fixing elements, as well as with spare parts & tools set.

FEATURE OF THE TENT	MMT-18	MMT-36	MMT-54-2	MMT-54-4	MMT-5-C (Connector)
ALUMINIUM EXTERIOR FRAME	✓	✓	✓	✓	✓
MAIN CANVAS	✓	✓	✓	✓	✓
DOORS	4	2	2	4	2
WINDOWS	8	8	10	12	-
CEILING HANGING NET	✓	✓	✓	✓	✓
REVERSIBLE ROOF (fly)	✓	✓	✓	✓	✓
DETACHABLE FLOOR	✓	✓	✓	✓	✓
INNER LINER (option)	✓	✓	✓	✓	-
INNER THERMAL LINER (option)	✓	✓	✓	✓	-
CONTAINER CONNECTOR (option)	✓	✓	✓	✓	✓
AIR DIFFUSER	✓	✓	✓	✓	-
ROOMS DIVIDERS (option)	✓	✓	✓	✓	-
HANGING ROPES (to the frame)	10	15	20	20	4
SUSPENDING POINTS / RESISTANCE [kg]	11 / 10	17 / 10	24 / 10	24 / 10	6 / 10
PEGS L=270 mm / PEGS L=350 ²	32 / 4	32 / 6	38 / 8	44 / 8	14 / 4
STORM TENSIONERS	4	6	8	8	4
TRANSPORT BAGS ²	5	5	6	6	4
TRANSPORT CAGES	1	2	2	2	1
LIGHTNING KIT (lamp / switchboard/ extension cable)	1 / 1 / 1	2 / 1 / 1	3 / 2 / 1	3 / 2 / 1	-

¹ Dimensions given in nominal value. May vary slightly according to production tolerance.

² Weight / number of elements refers to: main canvas, frame, detachable floor, fixing elements and bags.



PARAMETER	MMT-18	MMT-36	MMT-54-2	MMT-54-4	MMT-5-C (Connector)
HEIGHT ¹ [m]	3,05	3,05	3,05	3,05	2,05
WIDTH ¹ [m]	6,00	6,00	6,00	6,00	2,05
LENGTH ¹ [m]	3,00	6,00	9,00	9,00	2,20
USABLE AREA ¹ [m ²]	18,00	36,00	54,00	54,00	5,00
WEIGHT ² [kg] ±10%	190	250	320	320	110
SETUP TIME [min]	12	15	20	20	8
HANDLING [persons]	2	3	4 – 6	4 – 6	2
ACCOMMODATION	4 – 6	6 – 10	10 – 14	10 – 14	-

¹ Dimensions given in nominal value. May vary slightly according to production tolerance.

² Weight / number of elements refers to: main canvas, frame, detachable floor, fixing elements and bags.

