

LANCO

TentTech · DeconTech · FlexTank


Inflatable Shelters

AZM




AZM inflatable shelters 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 a waterproof seal and the possibility of use in a wide range of climates.

 Relocatable within hours

 Compact packaging and low weight

 Robust, self-deployable and highly portable

 Modular and efficient design for increased space needs

AZMs are self-erecting inflatable shelters. All supporting elements are made of airtight fabric. The shelters can be set up by six people using electric inflators.

The AZM is an inflatable, modular shelter. The different sections (modules) are connected by zippers (shelter skin), locking pins (inflatable frame) and hook and loop fasteners. The shelter can be made up of one front and one rear module achieving a length of 25.25 ft for the AZM 8-4 and of 18.70 ft for AZM 11-6. Additional central sections (central modules) can be added to increase the length of the shelter in steps of 15.75 ft up to 41 ft (3 modules), 56.75 ft (4 modules), and so on for the AZM 8-4. For the AZM 11-6, length can be increased in steps of 17.70 ft; up to 37.40 ft (3 modules), 55.10 ft (4 modules) and so on.

Each module consists of 3 load bearing parts: first the shelter skin, second the inflatable air beams with attached inflatable spacers and third the foldable aluminum tubes as additional spacers at the longitudinal sides. The modules are delivered pre-assembled, only the aluminum tubes must be fitted during erection. The modules are assembled in the field.

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

	AZM 8-4	AZM 11-6
Base area	1116.75 ft ²	248.60 m ²
Width	27.23 ft	36.74 ft
Length	41.00 ft	72.83 ft
Ridge height	13.62 ft	19.68ft
Eave height	10.37 ft	14.27 ft
Weight	1248.00 lbs	1686.53 lbs

Shelter skin

The Shelter skin is attached to the inflatable frame by locking pins and hook and loop fasteners to the floor. It is made of polyester fabric (26.45 oz/yd²) 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 -22°F up to +158°F), these shelters can be used in nearly every climate.

All of fabric is fungicidally and UV treated.

The high tear resistance and tensile strength meet the expectations of a long-lasting cover, always assuming that the shelter is properly maintained, as described in the manual.

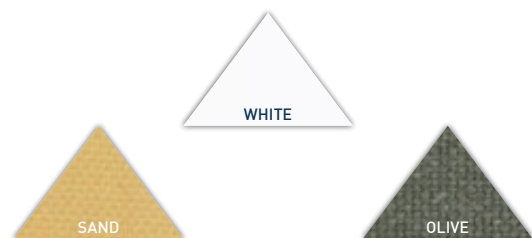
Frame

Inflatable tubular frame made of airtight polyester fabric (32 oz/yd²) 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 (24.70 oz/yd²) grey.

Colors



*Other colors are available upon request