

SYSTEM OF BIOLOGICAL PROTECTION

ISOLATION NEGATIVE PRESSURE TENT ES-56 LP

The isolation negative pressure tent ES-56LP serves to isolate and treat more people with highly dangerous infections. Its purpose is to provide a safe quarantine space based on the negative pressure, protecting the environment from infected patients by placing them into the isolation tent.

- rapid erection and serviceability thank to inflatable tubular construction
- capacity of up to 20 hospitalized persons
- optimal negative pressure inside the tent
- sucked out contaminated air goes through HEPA-filter with built-in source of UV radiation that destroys captured organisms
- filtration efficiency is 99,9995%
- special inner built-in liner with transition chamber
- separate inner storage spaces
- facility of staff and equipment decontamination after exiting the chamber in attached decontamination module
- technical entry for inner equipment installation
- possibility of safe attachment in case of use in hazardous weather conditions



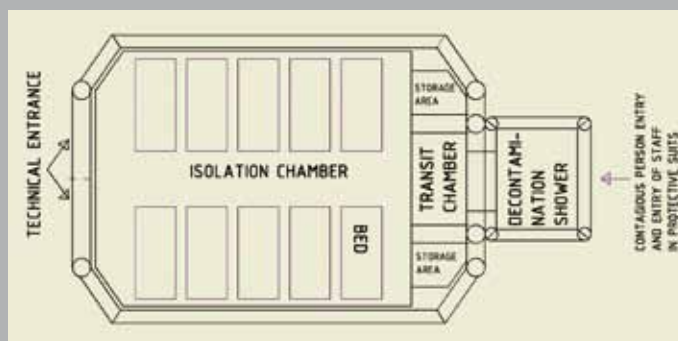
Technical data

tent inflated

- length – outside / inside 10 240 / 10 240 mm
 - width – outside / inside 6 000 / 5 600 mm
 - height – outside / inside 3 030 / 2 900 mm
- effective workspace cca 51 m²
- folded and packed dimensions 1 500 x 1 000 x 850 mm
- tent weight (without other equipment) 195 kg
- operating pressure in tube construction 23 – 29 kPa
- inflation time 6 minutes

Tent materials

- Roof polyester (PES) fabric Udineza with polyurethane (PUR) coating, single-coated with polyvinyl chloride (PVC) layer, areal weight of 296 g/m²
- Floor polyester (PES) fabric, double-coated with polyvinyl chloride (PVC) layer, grey colour, areal weight of 517 g/m²
- Inflatable constr. polyamide (PA) canvas, double-coated with rubber layer, black colour, areal weight of 560 g/m²



The isolation negative pressure tent provides immediate and highly efficient isolation of infected persons in field conditions.



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