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Heavy Duty High Pressure Inflatable Shelter RAPID 5-300

Product Images

Short Description

The ROFI RAPID 500 is a high pressure, medium weight inflatable shelter that requires simple logistic support to deploy.

Description

The ROFI RAPID 500 is an inflatable shelter designed for high mobility and comfort. Its design and anchoring system provide high stability and wind resistance. It was designed for extreme climatic conditions with temperatures ranging from – 4 to + 131˚F. The setup time depends on the power of the inflating compressor –> 5-30 minutes.

The RAPID series can be connected to each other, length and crosswise, and to other shelters like containers and vehicles, among others.

Shelter skin and flooring

The shelter is fully integrated, meaning that sidewalls, roof, gables, and floor come in one piece and are manufactured in PVC approximately 0.02 in thick (18.30 oz/yd^2) for the shelter skin and approx. 0.04 in for the floor (25.07 oz/yd^2).

Frame

The inflatable structure has high-pressure arches, 87-116 psi, with overpressure valves on the air tubes, making the shelter unaffected by temperature fluctuations.

The ROFI RAPID shelter is equipped with air-inlet and service openings, enabling placement of air conditioning and heating. Inside the shelter, there are possibilities of mounting equipment such as lighting and personal effects.

Three-layer windows allow natural ventilation, with curtains operated from the outside – PVC-glass, mosquito net, and roll-up.

Options and accessories

- Extra groundsheet
- Partition walls
- Inner liner
- Sunroof
- Side entrances
- Connection modules
- Entrance modules
- Compressor
- Rigid modular flooring
- Lights
- Power distributors/switchboards
- HVAC
- Lettering/branding

Additional Information

Application area	Search and rescue, Triage, Field Hospitals, First Aid Posts, Military, Accommodation and Catering, Police/Gendarmerie, United Nations, NGOs/Humanitarian organizations, Fire department, rescue service and aid organizations
Base area	323.00 ft²
Width	16.40 ft
Length	19.70 ft
Height	8.90 ft
Operating pressure	87-116 psi
Packing size	3.94 x 2.62 x 3.61 ft
Weight	414.50 lbs