

## ***ROFI AMPLIFIER TENT***

*- an inflatable tent designed for extreme conditions*

- For extreme weather conditions
- High comfort and simple logistics
- Developed through years in service
- Wide range of accessories for multiple use
- Expected Life Cycle 15 years or more



First Aid Station/ Field Hospital  
Accommodation  
Staff/ office tent  
Command post  
Recreation area

# ROFI AMPLIFIER TENT

– a preferred solution when high mobility, high comfort, simple logistics, resistance against extreme weather conditions and ability of building configurations are of importance.

Designed for extreme hot- and cold climatic conditions, from – 44 to + 49°C.

**Climate Zones:** A1 - A3, B1 - B2, C0 – C2 in accordance with STANAG 2895

## Key features:

- 40 m<sup>2</sup>/ 37m<sup>2</sup>/ 25 m<sup>2</sup>/ 13 m<sup>2</sup>  
– with 2 or 4 doors for interconnection in 2 or 4 directions
- High quality
- Snow will not gather on the roof
- Simple logistics
- Short set-up time
- Waterproof
- Flexible inflatable structure
- Manufactured by use of high frequency welding



## AREA OF USE:

- First Aid Station/ Field Hospital
- Accommodation
- Staff/ office tent
- Command post
- Recreation area

The integrated, inflatable design makes the ROFI AMPLIFIER tent especially suitable for rapid response units and groups that need to maintain a high mobility.

ROFI AMPLIFIER tent has been in use for several decades, supplied to defense customers as well as emergency- and relief organizations worldwide.

The ROFI AMPLIFIER tent comes in a variety of sizes, with two or four openings. The openings are designed to interconnect without use of separate corridor.

The ROFI AMPLIFIER is fully integrated; sidewalls, gables and floor, providing easy logistics and simple procedure for set-up and striking. Offered with PVC coated fabrics, with option on black-out.

The structure of inflatable tents is somewhat flexible/ movable and thereby both reduce the risk of snow gathering on the tent as well as being less vulnerable against gust winds. Use of ropes for anchoring the tent will of course increase wind resistance accordingly.

The inflatable structure may be equipped with over pressure valve in the ordinary inflation valve as an option.

The tents interconnect to other tents using the connection flap of the doors, also used for connection to specialized containers. ROFI AMPLIFIER tent allows interconnection length- or cross-wise, depending upon number of doors in the chosen model.

## ADVANTAGES:

- Short setup time
- Simple assembly with minimum of manpower – by use of electrical inflator
- Simple logistics
- Simple maintenance in field operations
- Windows allowing natural ventilation
- Fully integrated; sidewalls, roof, gables and floor for maximum protection
- Option on flysheet – for added insulation and sun protection
- Wide range of accessories

The ROFI AMPLIFIER tent is equipped with air- inlet and service openings, enabling placement of AC and heater. Inside the tent there are possibilities of mounting equipment such as lighting, and personal effects.

3-layer windows allow natural ventilation, adding further to the comfort level when exposed to extreme heat. When used in cold climate, the flexibility of the inflatable structure prevents snow/ sand gathering on the roof.

Use of flysheet is known to reduce interior temperatures with up to 10 °C. Our standard flysheet is made of material which has a high reflection of sun- radiation, reducing surface heat on the tent. The open weave of the fabric allows wind and rain penetration, preventing wind catch and sagging of the flysheet. Other materials are available upon request.



## **ROFI AMPLIFIER**

### **First aid/Rapid deployable emergency field hospital**

Simple logistics and rapid deployment make our Amplifier tent an excellent choice for emergency response units in need of high mobility in their field operations. The Amplifier tent may be operated by two/- three persons, easily transported in suitable cover which may be lifted by manpower.

The shape of the inflatable structure provide sufficient space for placing hospital beds across of each other, leaving a walkway in the middle for easy access with patients to/ from the tents used as ward.

For use as examination room or operational theatre, the Amplifier tent offer provides work space for the medical staff performing their duties. The tent may easily be split in sections by means of separation walls, creating treatment- and functions areas necessary in a Field Hospital concept.

Installation of entrance-sections, ensure that the patients are not in direct view when the staff is entering or exiting the tent. For building a tented field hospital configuration, no connector is necessary, due to the connection flap surrounding the door openings.

The tent is designed to assure a clean environment. Use of distribution hose in the roof ensures evenly distribution of the cooled or heated air throughout the tent.

## **ROFI AMPLIFIER**

### **Accommodation**

The simple logistics and rapid deployment make our Amplifier tent an excellent choice for personnel that need high mobility in their field operations. The ROFI AMPLIFIER tent may be operated by a small crew.

The shape and size of the arches provide sufficient space for placing field beds or bunk beds across of each other, leaving a walkway in the middle for easy access.

The tent may be easily split in sections by means of separation walls, creating joint accommodation areas for teams/ groups. When deployed in field operations for longer periods, we recommend providing each person with cabin/ room separation for increased privacy. Details like easy fixation of accessories such as separation walls, inner cabins, lighting, etc, increase the comfort level for the users.

The entrance sections provide protection against bad weather conditions as well as space for use as storage area.



## **ROFI AMPLIFIER**

### **Office/staff tent - command post - dining and recreation area**

When used as office tent, the tent may be furnished with room separation for 6 office booths or as one large office. Creating a separate meeting room is easily done by use of separation walls, the same for use as recreation area.

ROFI offers possible connection solutions for using the tent with vehicles, this being tracked- or wheeled vehicles.

When used as kitchen tent, a chimney hatch may be installed in the roof section. Recommended accessory is solid floor tiles for placing heavy kitchen equipment and tables/ chairs without damaging the PVC- flooring. Connected to a dining tent, the ROFI AMPLIFIER tents offer a practical and suitable solution for food- preparation and serving.

## **ROFI AMPLIFIER**

### **Shower and wardrobe tent**

The standard Amplifier may be used as wardrobe and shower tent without modification. However, we have designed a special shower tent, without windows, but with roof vents for letting out steam. Use of shower cabins or joint showers is optional for the customer.

The ROFI AMPLIFIER tent is also suitable for use as decon tent, this being for wounded or healthy persons, the decon routines adjusted accordingly.



ISO 9001 Certified



Certificate no. XXX

ROFI Industrier as represents more than 60 years of experience within the textile industry. A comprehensive integration with our suppliers and partners enable us to meet the requirements for progressive development, system solutions and a stock-hold of selected items. We continuously maintain our certificate covering quality assurance/quality control.

**NOREPS**  
Approved

The products meet stringent quality standards, are tested under tough field conditions and preferred by NGO's and UN-organizations through NOREPS emergency service. Part of preparedness stock.

**REFERENCES:**

ROFI AMPLIFIER tent has been used in international operations throughout the last decades, performing with excellence, making the tent a preferred model in the market. Especially important is the resistance against extreme weather conditions, the easy field maintenance and the high quality proven through life cycle of 15 years or more.

**SHIPPING INFORMATION**



Packed on pallet in transport cover. Weight and volumes upon request.

**ROFI AMPLIFIER TENT ACCESSORIES**



**ROFI FIELD EQUIPMENT**



Specifications may be altered without notice due to progressive product development.