



*Committed to your success*

# Losberger De Boer

Rapid Deployment Solutions

## Patient Isolation Tents



## BACHMANN RDS - Overview

Based in Paris, France, Bachmann RDS is part of the Losberger De Boer international group . We are specialized in the design, manufacture, installation and maintenance of fast deployment shelter solutions for people and equipment in the following sectors:

- Defense & Security
- NGOs
- Civil Protection & Crisis Management
- Industry

We operate worldwide from the following locations:

- Head office in Paris, France
- Technical and Operational Centre in Mornac, France

Our expertise is based on over 70 years of experience and covers various applications such as modular housing solutions, mobile field camps & hospitals, aircraft shelters, warehouses, storage facilities, inner enclosures and much more.

# REMINDER : Basic protective measures against Covid-19

World Health Organization recommendations:

## INDIVIDUAL MEASURES FOR PERSONAL PROTECTION



- **Avoid touching your eyes, nose and mouth :**

→ Why? Hands touch many surfaces and can pick up viruses. Once contaminated, hands can transfer the virus to your eyes, nose or mouth. From there, the virus can enter your body and can make you sick.

- **Practice respiratory hygiene :**

Make sure you and people around you follow good respiratory hygiene. This means covering your mouth and nose with your bent elbow or tissue when coughing or sneezing. Then dispose of the used tissue immediately.

→ Why? Droplets can spread the virus.

# REMINDER : Basic protective measures against Covid-19

World Health Organization recommendations:

## COLLECTIVE ACTION FOR PANDEMIC PREVENTION



One of the measures put in place by authorities to limit Covid-19 propagation is to **physically isolate patients** and thereby avoid their coming into contact with the rest of the population.

This means **patients don't need to be isolated in a specific, controlled air environment** (e.g. filtered and pressurized room) but **medical staff must be protected** (through masks). Given the current spreading rate of the virus, **the main priority is to isolate patients quickly.**

## Our fast deployment tents : TAG NG and TMM

### *Fast and easy deployment for crisis relief*

Our TAG and TMM inflatable tents are designed to:

- meet the **strict operational needs** of armed forces, fire brigades, homeland security and NGOs
- be **used as medical outposts**, emergency relief tents and/or mobile hospitals.

### **ADVANTAGES:**

- Ultra fast installation / dismantling
- No specific tools / Plug and play
- Logistical efficiency / optimized volumes
- Usable on all types of terrains & climates
- Modularity & inter-compatibility
- Easily relocatable



# TAG NG Self-Erecting Tent



Our TAG NG tents are ready for use in just minutes and can be connected in all configurations.

Easy to deploy on all terrains, our TAG NG tents are ideal for field hospitals, command posts and emergency shelters.

Their heavy-duty design and high compatibility ensure optimal operational conditions, in emergency situations.

Fully water-proof, our TAG NG tents are made using HF welded PVC-coated material and are provided with a transport bag for easy handling.

Inflated in less than 5 minutes with just one or two people, they can be connected to one another in various configurations thanks to their modular design.

Worldwide service and assistance are provided by our specialised technicians.

#### Available accessories:

- Automatic pressure maintenance system
- Internal wall partitions
- Internal insulation liner
- Sunscreen
- Electric inflator
- Protective groundsheet
- Lighting
- Power distribution box
- Heating and air conditioning
- Floor levelling tiles
- Side doors
- Connection module between tents.
- Entrance module
- Connexion between tent and vehicles
- Printed logos

#### Colours:

- White
- NATO green
- Sand
- Orange

#### Load resistance:

- Wind : 100 km/h.
- Snow : 15 daN/m<sup>2</sup>



		TAG NG 15	TAG NG 29	TAG NG 42	TAG NG 56
Floor space (m <sup>2</sup> )		15	29	42	56
External dimensions	Length (m)	2,75	5,15	7,55	9,95
	Width (m)	5,60	5,60	5,60	5,60
	Height (m)	2,80	2,80	2,80	2,80
Number of arches		2	3	4	5
Packing information L x W x H	Tent	1.2 x 0.7 x 0.7 / 95 kg	1.3 x 0.8 x 0.8 / 140 kg	1.3 x 0.9 x 0.9 / 185 kg	1.3 x 1 x 1 / 230 kg
	Poles				
	Manual pump Repair kit	0.4 x 0.4 x 1.1 / 7 kg	0.4 x 0.4 x 1.1 / 10 kg	0.4 x 0.4 x 1.1 / 13 kg	0.4 x 0.4 x 1.1 / 16 kg
Dimensions (m)	Pegs	0.3 x 0.3 x 1.1 / 18 kg	0.3 x 0.3 x 1.1 / 22 kg	0.3 x 0.3 x 1.1 / 26 kg	0.3 x 0.3 x 1.1 / 18 kg
	Weight (kg)	Hammer	0.4 x 0.4 x 1.1 / 15 kg	0.4 x 0.4 x 1.1 / 16 kg	0.4 x 0.4 x 1.1 / 17 kg
Number of tents per 20' container		15			

*Self-erecting tent that can be installed in less than 10 minutes*



# TMM Large Modular Tent



Our TMM tents are designed to provide large working and storage spaces in very little time.

Our TMM tents are composed of a pneumatic structure and a covering sheet made of PVC coated polyester fabric.

The tent consists of several modules (front, rear and central), which can be connected together to form a single structure.

It offers a basic surface of 105 m<sup>2</sup> that, depending on your logistical needs, can be increased by adding central modules of 35 m<sup>2</sup>, thus allowing to put a truck inside, for example.

Resistant, robust and compatible with a wide range of accessories, our TMM NG tents can be used effectively on all types of terrain.

Their transport is facilitated by the small size modules which, once packed, do not exceed 1 m<sup>3</sup>.

Highly compatible, they can be connected to other tents (even smaller dimensions) in all directions. All materials used have a high mechanical strength and are fire-retardant.

Technical support is carried out by our engineers and technicians all over the world.

#### Available accessories:

- Automatic pressure maintenance system
- Internal wall partitions
- Internal insulation liner
- Sunscreen
- Electric inflator
- Protective groundsheet
- Lighting
- Power distribution box
- Heating and air conditioning
- Floor levelling tiles
- Connection module between tents.
- Entrance module
- Connexion between tent and vehicles
- Printed logos

#### Load resistance:

- Wind : 100 km/h.
- Snow : 15 daN/m<sup>2</sup>

#### Colours:

- White
- NATO Green
- Sand
- Camouflage



External dimensions (± 3%)					
Module	Width Ft (cm)	Length Ft (cm)	Height Ft (cm)		
Front	27'2 (830)	10'2 (308)	13'5 (410)		
Central	27'2 (830)	16'2 (492)	13'5 (410)		
Rear	27'2 (830)	15'4 (467)	13'5 (410)		
Packing dimensions (± 3%)					
Module	Width Ft (cm)	Length Ft (cm)	Height Ft (cm)	Volume (m <sup>3</sup> )	Weight kg (lbs)
Front	36" (90)	58" (145)	28" (70)	0,91	173 (382)
Central	36" (90)	58" (145)	28" (70)	0,91	184 (406)
Rear	36" (90)	58" (145)	28" (70)	0,91	195 (430)

*Basic size (105m<sup>2</sup>) can be extended by adding central modules*

## LPD INFLATOR FOR TAG TENTS



Rev.0 – 03/05/19 - We reserve the right to change specifications of products without prior notice

### INFLATOR ON/OFF/AUTO – 1500W WITH LED PRESSURE DISPLAY (LPD)

Components:

#### LPD INFLATOR



**FUNCTION:** on / off  
**ENCLOSURE:** rubber box  
**PROTECTION DEGREE:** IP54  
**IMPACT RESISTANCE:** IK10  
**RATED VOLTAGE:** 230 V – 50/60 Hz  
**RATED POWER:** 1500W  
**CAPACITY:** 1500 l/min.  
**WORKING PRESSURE MAX:** 450 Mbar  
**DIMENSION:** 30X30X33cm  
**WEIGHT:** 11.8 Kg  
**ENGINE PROTECTION:** built-in thermal switch (120°C)

#### TRANSPORT BAG:

- 1 PVC FABRIC 750g/sqm
- 1 x handle
- 1 x content description label
- 1 x closing rope

#### INFLATION HOSES



**MATERIAL HOSE:** PVC / spiral rigid PVC  
**PLASTIC COMPONENTS:** NYLON  
 PA6+30%FG  
**TEMPERATURE RANGE:** -20°C / + 70°C  
**DIAMETER HOSE:** int.d.20 - ext.d.27  
**AIRTIGHT FIXTURE:** steel metal clamp

#### HOSE KIT 2 ARCHES



#### HOSE KIT 3 ARCHES



## LED LIGHTING KITS



Rev.0 – 03/05/19 - We reserve the right to change specifications of products without prior notice

### COMPONENTS

#### CEE/SCHUKO DISTRIBUTION BOX 16A



- 1 x Input schuko plug IP68
- 10m CABLE 3G1.5 H07RN-F input
- Emergency-general magneto-thermal switch 16A
- 2 x Schuko sockets 16A IP67
- 1 x CEE socket 16A IP67
- Rubber case IP67-IK10
- Fixation hooks
- Fixation sliding tape

#### TRANSPORT BAG

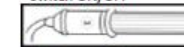


- 1 PVC FABRIC 750g/sqm
- 1 x handle
- 1 x content description label
- 1 x closing rope

#### LED LAMP 21W OR 42W IP67



- CEE plug 16A IP67
- CEE socket 16A IP67
- Degree protection IP67
- Impact resistance IK10
- Chain assembly in the tent
- Switch ON/OFF



- Rubber caps for impact protection
- Provided with hooks, rope & frogs or strap for easy installation.
- 1.5 m input cable
- 1.5 m output cable (3G1.5 H07RN-F)

#### EXTENSION CABLE 5M 16A IP67



- CEE plug 16A IP67
- CEE socket 16A IP67
- 5m cable 3G1.5 H07RN-F



## GROUND LEVELLING TILES



Rev.0 - 03/05/19 - We reserve the right to change specifications of products without prior notice



Our tents can be equipped with ground leveling tiles, which can be placed under the ground sheet of the tent, or directly inside the tent. These tiles are designed to level the ground and avoid recesses under the tent. They can also be used to facilitate access for stretchers, medical equipment, etc.

The tiles are treated against UV light, have an anti-slip coating and resist to common chemicals and corrosive agents.

### TECHNICAL FEATURES

- Colour                                      Dark Green
- Material                                     PE
- Dimensions                                120x60 cm
- Thickness                                  25 mm
- Weight                                      4 kg
- Resistance                                400 Kgs/dm<sup>2</sup>
- Temperature                              -32°C to +50 °C

## INSULATION LINERS



Rev.0 - 03/05/19 - We reserve the right to change specifications of products without prior notice



Our insulation liners are designed to improve insulation inside our inflatable tents, and thus reduce power consumption through air conditioning.

Various levels of insulation can be achieved according to the number of layers and therefore thickness of the liner. The table below indicates the types of liners we have on offer, together with their respective thermal properties:

Type of Liner	U average value (W/m <sup>2</sup> .K)	Wadding thickness (mm)	Insulation Density (gr/m <sup>2</sup> )
No Liner	6	0	0
Monotex Liner	3,5	0	300
Toptex Liner	1,7	14	240



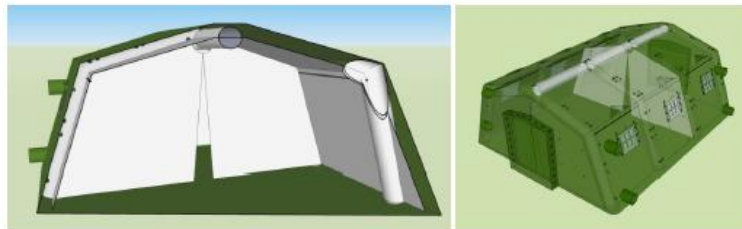
# Ancillary Equipment

## DIVIDING SHEET



LOSBERGER DE BOER

Rev.D – 03/05/19 - We reserve the right to change specifications of products without prior notice



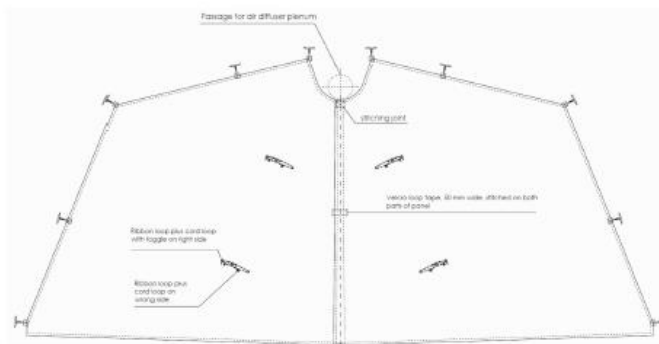
Our dividing sheet was designed to compartmentalize our inflatable tents into several areas. It can be very useful if you wish to confer a multipurpose use to your tent.

Made with cotton fabric, it comes with an inverted 'V' shaped door in its center. Both panels can be rolled up on the side and fastened by means of plastic toggles in cord loops.

When closed, the two panels can be connected together in the middle by means of a Velcro tape.

On the top side, the transversal divider sheet can be fitted with an opening in order to allow the passage of an air distribution duct (optional).

The drawings below show the technical features of our divider sheet:



## FOLDABLE BED



LOSBERGER DE BOER

BACHMANN RDS

We reserve the right to change specifications of products without prior notice



Our portable and foldable bed is designed for quick and easy installation. Ideal for field hospitals or rapid deployment accommodation solutions, it is supplied in a canvas carrying bag for easy transport and storage.

### Advantages

- Portable, compact and ultra-resistant
- Quick assembly without tools or screws.
- Suitable for a wide range of tents and dome-shaped structures commonly used for recreational camping.
- No need for mattresses, comes with a comfortable sleeping deck with firm support.

### TECHNICAL FEATURES

- |                     |                    |
|---------------------|--------------------|
| • Frame             | Anodized Aluminium |
| • Canvas            | Nylon forte        |
| • Dimensions        | 191 x 66 x 41 cm   |
| • Dimensions folded | 95 x 18 x 10 cm    |
| • Weight            | 4,8 kg             |



# Our tents on the field: Mobile Hospitals



Our inflatable tents can be erected in minutes.  
Light and modular they can be deployed anywhere.





# Our tents on the field: Mobile Hospitals

## Doctors without Borders



# Our tents on the field: Mobile Hospitals

## Mejillones City Council - Chile



## Portuguese MoD



## Emergency Center – USA





## Availability (as of 02 /03/ 2020)

### Tents :

TAG NG Range	TAG 42m <sup>2</sup> (4 arches)	TAG 56m <sup>2</sup> (5 arches)	TAGW 78m <sup>2</sup> (6 arches)
Stock position as of 02-03-2020	<ul style="list-style-type: none"><li>- White color, 2 doors : 8 units</li><li>- NATO green color, 2 doors : 12 units</li><li>- White color, 2 doors : 1 unit</li><li>- Sand color, 4 doors : 2 units</li></ul>	<ul style="list-style-type: none"><li>- Orange color, 2 doors : 1 unit</li><li>- White color, 2 doors : 7 units</li><li>- NATO green color, 2 doors : 3 units</li><li>- White color, 4 doors : 52 units</li><li>- NATO green color, 4 doors : 1 unit</li><li>- Sand color, 4 doors : 2 units</li></ul>	<ul style="list-style-type: none"><li>- Sand color, 2 doors : 11 units</li></ul>

TMM Range	TMM105m <sup>2</sup> (6 arches)
Stock position as of 02-03-2020	<ul style="list-style-type: none"><li>- NATO green color : 3 units</li><li>- White color : 4 units</li></ul>

Ancillary Equipment: availability to be checked as per needed quantities.



LOSBERGER DE BOER

# Thank you.

**Bachmann RDS**

58A rue du dessous des berges  
75013, Paris, France  
Tel: +33 146 724 269  
Fax: +33 145 854 846  
richard.donatien@losbergerdeboer.com  
contacts@losbergerdeboer.com  
[www.losbergerdeboer.com](http://www.losbergerdeboer.com)

Contact for Southeast Europe

**VMC 21 d.o.o.**

Zadobrovska cesta 75  
1260 Ljubljana Polje, Slovenia  
Tel: +386 1 292 77 60  
matjaz.vider@vmc21.com  
info@vmc21.com  
[www.vmc21.com](http://www.vmc21.com)

*Committed to your success*