

# RIGLOO Emergency Medical Search & Rescue Shelter

# 2021



Control the environment, control the outcome

# Why Rigloo for Emergency Responders ?

**Rigloo** is a lightweight, storm-proof bothy bag that transforms into a structured space to protect both casualty and rescue team from the elements. It comes with a detachable ground sheet so the shelter can be inflated and placed over a casualty being assessed before preparing for transport.

The shelter is waterproof in excess of 8000mm HH and thanks to a built in Schrader valve, can be inflated in less than 1 minute. A pressure relief valve is fitted and 2 additional back up Boston valves allow for manual inflation if required. The EMS model has air flow vents with mosquito nets built into the main doors and sealed windows all round.

Once inflated the Rigloo becomes a solid structured space and the fully wrapped airframe pressure set to 7 psi.

This means there are no loose materials flapping in the wind to detract from patient observations. Rigloo design will allow teams to split into smaller groups as it can be inflated by one person and no longer requires multiple rescuers to act as the pillars to hold up a sheet or a bothy bag. The shelter protects both the casualty and rescuers but can also be used as isolation 'cells' in mass-casualty incidents for live or deceased persons.

As with all emergency shelters, Rigloo will help protect from hypothermia exposure (it will heat up with your breath) and provide privacy and protection with a small footprint. EMS size is 2.6m x 1.6m. EMS packed size is 55 x 30 x 20cm weight 7.5kg inside its own roll top back pack.

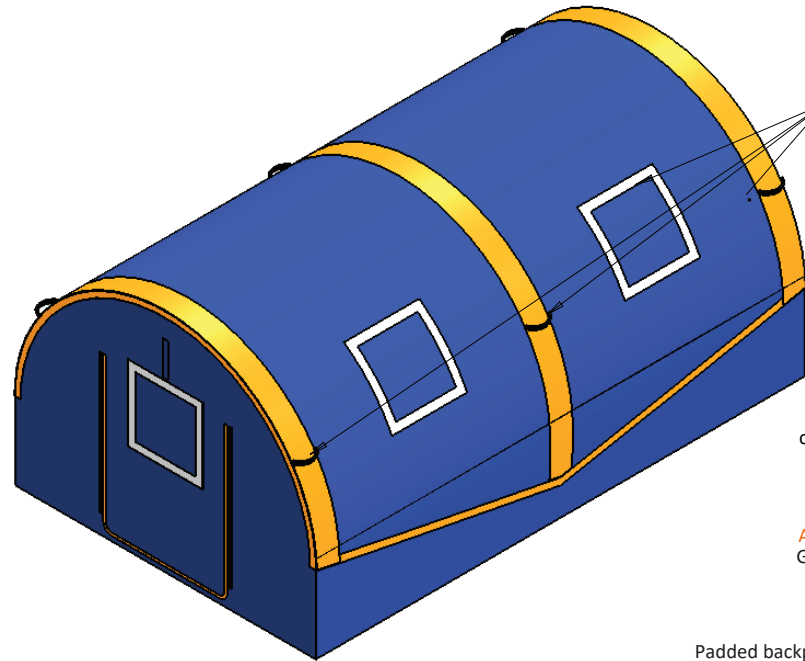
For commercial pricing & full specs please contact us via [info@rigloo-rs.com](mailto:info@rigloo-rs.com) or see our website:

[www.rigloo-rs.com](http://www.rigloo-rs.com)



# EMS model

Isometric View



Handles on both sides of tent, coupled as guide rope stays

Flysheet  
Polyester Ripstop 210T,  
weight 80g/m2,  
HH 8000mm,  
Tear strength 12N

Notes :  
Groundsheet  
Nylon Ripstop 210T,  
weight 80g/m2,  
HH 8000mm,  
Tear strength 20N

Airframe  
Thermoplastic polyurethane (TPU) 0.3mm

Windows 0.2mm  
Waterproof zippers

“ All tubing to be wrapped” and “ Arches to be fully connected to shelter by zipped sleeve, sewn into flysheet”

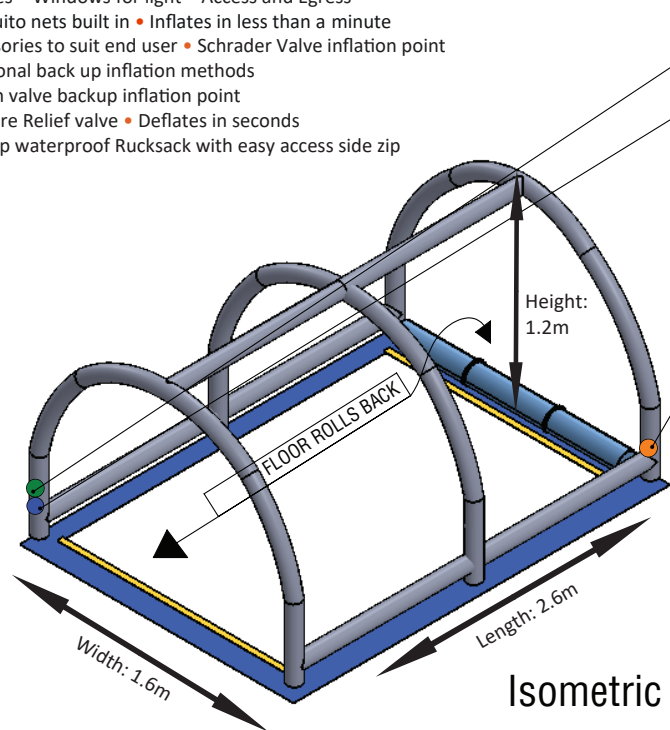
Length 2.6m Width 1.6m Height 1.2m  
Packed weight Inc. Accessories 7.5kg. Shelter only 5.4kg

Accessories: Manual inflation pump. Ground pegs x 12.  
Guy ropes x 6. Tether anchors with Carabiner x2

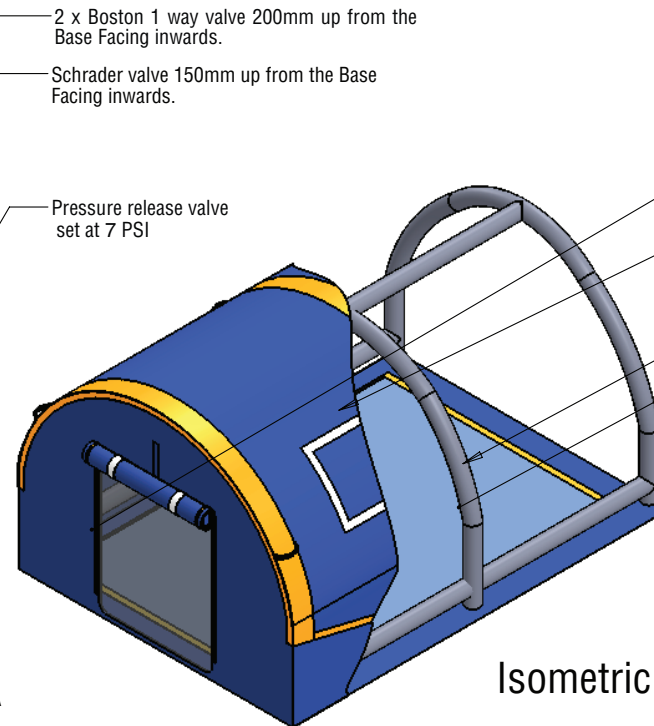
Packed size: 55cm high x 30 cm wide x 20cm deep  
Waterproof rolltop with easy access side opening zip.  
Padded backpack with waist & chest bands for comfortable long carry.

Features:

- Handles • Windows for light • Access and Egress
- Mosquito nets built in • Inflates in less than a minute
- Accessories to suit end user • Schrader Valve inflation point
- Additional back up inflation methods
- Boston valve backup inflation point
- Pressure Relief valve • Deflates in seconds
- Roll top waterproof Rucksack with easy access side zip



Isometric View A



Isometric View B

2 x Boston 1 way valve 200mm up from the Base Facing inwards.

Schrader valve 150mm up from the Base Facing inwards.

Pressure release valve set at 7 PSI

Front & rear door roll's upward exposing secondary Mosquito meshed door panels

Velcro at each side

Velcro at each end

Removable Floor





# For more information contact Rigloo Now!

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