

HTS-RDS Inflatable Shelter Series

HTS-RDS Inflatable Shelter Series are incredibly quick and easy to set up, generally taking around 5 minutes for one or two people, depending on size and tent configuration and requiring little effort or experience. They are also very multi-functional, providing ideal environments for accommodation, living space, HQs medical tents, weather shelter or workspace.

Technical Dimensions

Width:	5.65m
Length :	7.92m
Side height:	2.80m
Peak height:	3.00m
Bay distance:	2.70m
Floor space:	44.74 sqm
Inflatable arches:	4 units
Wind load:	80 km/hr
Snow Load:	25 kg/sqm

Packaging Dimensions

Longest part:	1.30m
Weight (approx.):	225.00 kg
Transport dimensions:	1 Palette (1.30m x 1.20m x 1.00m)

Technical Characteristics

- **Frame Fabric :** Made out of PVC 1000 gr/sqm **Roof Cover :** Made out of PVC 620 gr/sqm
Floor Cover : Made out of PVC 550 gr/sqm

Set up time

- **Standard compressor :** approx. 260 sec / 0.15 bar **Turbo compressor :** approx. 240 sec / 0.25 bar
Compressed air bottles : approx. 95 sec / 0.3 bar

Turbo blower

- **Engine type :** 2 motor turbo blower **Air flow rate :** 2 x 60 l/s **Voltage :** 220-240 V/50 Hz **Weight :** 1.95 k



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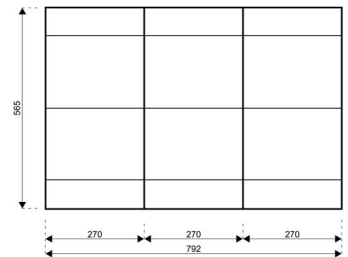
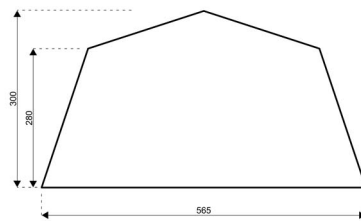
Technical Features

Structure

- High-quality PVC, 1000 gr/ sqm
- Tensile strength: warp/ weft: 3000 N/5cm / 3000 N/5cm
- Tear resistance: warp/ weft: 250 N / 250 N
- High frequency welded
- Colour grey

Flooring:

- The floor is made out of PVC polyester fabric, colour grey
- Sewn tight to the cover
- Flame retardant according to DIN 4102-B1, M2



Covers

- High-quality PVC, 620 gr/ sqm
- Tensile strength: warp/ weft: 2500 N/5cm / 2500 N/5cm
- Tear resistance: warp/ weft: 250 N / 250 N
- Standard colour: white, green, dessert
- Entrance on each gable side
- Mudflap fixed at covers end
- Mudflap made out of PVC in grey colour, same colour as the floor
- Roof cover with windows, each window with mosquito netting, transparent and PVC flap
- Waterproof
- Putrefaction-restraining (anti-fungicidal)
- Flame retardant according to DIN 4102-B1, M2
- Packbags made out of PVC material for complete tent with accessories

Standard & Additional Accessories

Röder HTS Höcker GmbH provides an unlimited range of accessories to support its range of military and relief shelter systems.

Standard

- Valves for blowers and / or compressed air bottles
- Ventilation holes
- Rollable and divisible entrances
- Pipelines for heating and cables
- PVC ground cover
- Ground anchors made out of steel, galvanised, length: 30 cm
- Storm wires
- Repair kit
- Packing bag for tent and accessories

Additional

- Ventilation holes
- Partition wall
- Covers made out of PVC material in different colours available
- Electrical equipment (Distribution boxes, lighting systems, cables...)
- Heating, ventilation, air conditioning - System (HVAC)
- Complete camp solution, including supply, installation, maintenance and much more