



ZUMRO Shelter Model 400

400 SF of usable space in under 5 minutes

MEDICAL TREATMENT | RESPONDER REHABILITATION | TACTICAL OPERATIONS | LIFE SUPPORT



ZUMRO's Shelter Model 400 is a rapidly-deployable, portable, all-weather shelter system that provides an extremely usable 400 square feet of clear span work area. With an internal width of approximately 20' and a rugged, modular design; the Shelter Model 400 is perfectly suited for the complex missions faced by today's preparedness and response agencies.

THE ZUMRO ADVANTAGES:

- **FAST:** ZUMRO's exclusive auto-deploying process allows this system to deploy in under 5 minutes
- **SIMPLE:** 2 personnel can easily deploy this shelter system, even in high winds and rain
- **LIGHT:** Extremely lightweight relative to its size, the Model 400 weighs only 1.8 LBS per deployed SF
- **COMPACT:** Shelter system packs down to less than 1% of its deployed volume
- **DURABLE:** Tapered air beams, full-diameter cross beams, mitered intersections, triple-sealed seams, no mechanical connections, and rugged neoprene airframes integrate together to offer unmatched toughness and durability
- **CAREFREE:** The ZUMRO Shelter Model 400 is very simple to operate, does not require continuous inflation, and can be easily repaired and maintained in any environment
- **VERSATILE:** Modular, interoperable, scalable, and completely customizable, ZUMRO shelter systems are the more versatile than any other shelter system



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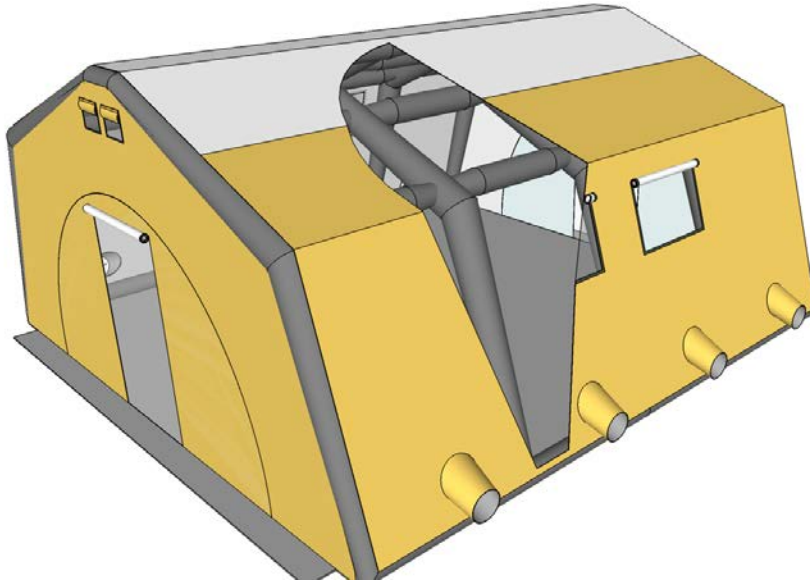
ZUMRO Shelter Model 400 Specifications

DEPLOYED DIMENSIONS

Floor Space: 400 Square Feet
Length: 21' (252")
Width (Exterior): 20' (240")
Width (Interior): 19.2' (230")
Height (Exterior): 10.7' (128")
Height (Interior): 10' (120")

PACKED DIMENSIONS

Cube: 16.7 Cubic Feet
Length: 40"
Width: 30"
Height: 24"
Weight: 210 LBS (Shelter Only)
Weight: 242 LBS (With Included Accessories)



SHELTER PERFORMANCE

Wind Rating (Sustained): 50 mph
Wind Rating (Gust): 60 mph
Rain/Snow Load: 750 GPM (104.25 LBS p/s)
Operating Temperature Range: -60°F – 140°F
Operating Air Pressure: 4.5 PSI (Set by PR Valve)
Maximum Air Pressure: 15 psi
Minimum Air Pressure: 0.7 psi

SHELTER DEPLOYMENT

Minimum Personnel Required: 2
Standard Inflator/ Deflator: <5 Minutes
High-Volume Inflator: <3 Minutes
SCBA Inflation:

- 2X 60 Minute Tanks
- <1.5 Minute



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Recommended Shelter Accessories and Equipment

INTEGRATED LED LIGHTING SYSTEM – ZUMRO's Integrated LED Lighting Systems consists of efficient, high-output LED strips that are pre-attached to the air frame. The replaceable LED strips pack and deploy with the system and include a conveniently-placed wiring harness. Simply attach the wiring harness to the power supply as the shelter inflates.



RADIANT BARRIER ROOF INSULATION PANEL – Deflect nearly 100% of the overhead UV rays with ZUMRO's Radiant Barrier Roof Insulation Panel. The panel is extremely lightweight, adding less than 20 LBS to the shelter. The panel is also pre-installed, so it packs and deploys with the shelter.



EXTREME WEATHER INSULATION SYSTEM – This system features removeable vinyl-backed radiant barrier panels placed on the interior side of the air frame on all roof and sidewall panels. The lightweight panels offer both UV protection and a pocket of air insulation, which dramatically increases environmental control efficiency in hot and cold environments. The panels are pre-installed and deploy with the shelter.



INTEGRATED HVAC PLENUM – Improve your environmental control by adding the Integrated HVAC Plenum to your ZUMRO shelter. This removable plenum is pre-installed in the shelter, weighs less than 10 LBS, and deploys as the system inflates. Each plenum is custom-fit to the specific shelter model and will run the full length of the shelter, helping equally distribute conditioned air.



DIVIDER & PRIVACY CURTAINS – ZUMRO offers a complete line of divider curtains and privacy curtain systems to help separate shelters into private workspaces or individual medical stations. All curtains are lightweight, removeable, and come pre-installed in the shelter for easy deployment. Divider panels can be solid or include door panels for ingress/egress.





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POWER DISTRIBUTION – ZUMRO provides a complete catalog of power distribution components that integrate safely and seamlessly with our shelter systems. With Power Distribution Panels and Units that route power from generators to internal wiring harnesses, our power distribution systems ensure operators have the power they need where they need it.



POWER GENERATION – With 2kW hand-portable generators for small demand and rapid deployment applications all the way up to 36kW trailer-mounted generators for high-demand larger footprints, ZUMRO insists upon reliable systems that are simple to operate in any environment. We can assist in a complete power demand analysis to right-size a solution for you.



ENVIRONMENTAL CONTROL – Operating in austere environments and extreme conditions requires efficient, effective and reliable environmental control. ZUMRO offers a complete line of both commercial and MILSPEC HVAC and auxiliary heating products that are designed to integrate with our shelters and support your operations.



INTERIOR FURNISHINGS – Take the guesswork out of equipping your shelters by relying on ZUMRO to provide the optimal solutions to meet your unique needs. We have leveraged our decades of experience in manufacturing or sourcing virtually every conceivable item you may need, regardless of your application. From UV lights for disinfecting ambient air to furniture for work stations to medical beds for patient treatment, ZUMRO has you covered.



CUSTOMIZED TRAILERS AND CARTS – Transport your ZUMRO Shelter Systems easily and efficiently with our custom-designed carts and trailers. Our trailers aren't just for transport, though. Let us build out a system to serve as a command, communications, conference, medical, hygiene, or simply optimized cargo platform. Whatever your need, we will build it!



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