

# RDMSS

## Features

The worlds most advanced soft walled shelter system.

- ✓ Modular design scales to any mission size or layout
- ✓ Rapid deployment in under 20 minutes
- ✓ Lightweight aluminium frame for efficient logistics
- ✓ Fully insulated with integrated blackout capability
- ✓ Operates reliably from -51°C to +49°C
- ✓ Integrated HVAC, ducting, and cable management ports
- ✓ Connects seamlessly with vehicles and camp infrastructure
- ✓ MIL-STD tested for extreme environmental conditions

## Product Overview

The Rapidly Deployable Modular Softwall Shelter (RDMSS) is Weatherhaven's most advanced soft-walled solution. Built from stringent military requirements, RDMSS delivers rapid deployability, unmatched versatility, and enduring reliability. Years of development, testing, and investment have resulted in a shelter system that leads the world in technology, innovation, working environment, and logistical simplicity. Designed for global use in any climatic zone, RDMSS gives operators a mission-ready solution for today's most demanding operational challenges.

RDMSS comes in standard sizes—1-Mod, 2-Mod, and 4-Mod—with hubs and interfaces enabling limitless configuration. Shelters can be deployed individually or complexed into larger, integrated compounds. The eco-skeleton aluminum frame with advanced flysheets or solar shades provides maximum efficiency, while internal space is optimised for operational use. This modularity ensures flexibility: from small team tasks to brigade-level headquarters, RDMSS can be tailored to the exact footprint required by mission planners.



## RDMSS. The worlds most advanced shelter system

RDMSS is more than a shelter—it's a complete infrastructure platform. Its modular design supports optional upgrades such as rigid flooring with cable ducts, integrated lighting, and advanced HVAC. This flexibility enables RDMSS to perform in every climate, from arctic cold to desert heat. By tailoring shelters to mission needs, operators benefit from a highly capable, rapidly deployable system that ensures maximum performance and efficiency for personnel in all operational environments.



## Standard Specifications

RDMSS specifications can vary depending on your configuration

Specifications	4-Module	2-Module	1-Module
Deployed Dimensions	23.8 ft x 41.8 ft	23.8 ft x 20.8 ft	23.8 ft x 10.3 ft
Effective Floor Area	995 ft <sup>2</sup>	495 ft <sup>2</sup>	245 ft <sup>2</sup>
Snow Load Capacity	20 lb/ft <sup>2</sup>	20 lb/ft <sup>2</sup>	20 lb/ft <sup>2</sup>
Setup Time	Under 20 minutes	Under 10 minutes	Under 10 minutes
Height at Eaves	86 in	86 in	86 in
Doors	Up to 10 Soft Doors or Hard Doors	Up to 6 Soft Doors or Hard Doors	Up to 4 Soft Doors or Hard Doors
Windows with Clear Vinyl, Screen & Blackout Flaps	Up to 14 Large Soft Windows	Up to 10 Large Soft Windows	Up to 8 Large Soft Windows
Points of Interconnection	10	6	4
Packed Configuration	12 Bags	7 Bags	6 Bags
Total Packed Weight	2156 lbs	1426 lbs	925 lbs



## Options

RDMSS can be configured to your exact requirements.

### Structure & Configuration

- Interconnector and corridor kits
- Modular length extensions
- All-season insulation
- Lightweight aluminium frame
- Pest-barrier flooring systems
- Multiple color options
- Anti-static floor tiles

### Entries (Doors & Windows)

- Weather-resistant hard personnel doors
- Double-zip roll-up doors with Velcro seals
- Blackout window systems & insect netting

### System Integration

- Pre-harnessed modular electrical kits
- HVAC plenum ducting
- Furnishings & full interior fit-outs

### Power & Environmental Control

- Solar shades & environmental coverings
- ECU and HVAC systems

### Logistics

- Interconnector kits for all Weatherhaven shelters
- Soft bag storage
- Full ILS support packages

## Example Applications

See our website for more RDMSS applications.

- Humanitarian Response
- Mobile Clinics
- Military Camps
- Field Kitchens and Dining
- Vehicle Workshops
- Field Hospitals
- Command Posts