

TRECC

Features

The latest in mission agile, expanding shelter innovation.

- ✓ Rapidly expands in height and width from compact footprint
- ✓ Trailer or vehicle mounted for rapid deployment
- ✓ All-aluminium build ensures lightweight flexibility
- ✓ Low-maintenance design reduces operational burden
- ✓ Single-operator deployment in under 3 minutes
- ✓ Integrated HVAC and mission-ready systems
- ✓ Operates from -51°C to +49°C extremes
- ✓ Under 60-inch height for CH-47 airlift compatibility

Product Overview

The Tactical Rapid Expanding Containerised Capability (TRECC) is Weatherhaven's newest innovation in agile deployable shelters. Mounted directly on a trailer or vehicle, TRECC can be fully deployed in less than three minutes by just two personnel. Its patented vertical and sideways expansion creates a bright, spacious interior suited to many mission profiles. From command posts and workshops to medical facilities and UAV control, TRECC brings unparalleled speed, agility, and flexibility to today's mobile operations.

TRECC offers modular integration for HVAC, power generation, and mission-specific equipment. Its hybrid system enables basic functions like roof raising, while client-specified modules deliver tailored solutions. TRECC can be configured as a command center, mobile clinic, secure communications shelter, or additive manufacturing hub. These integrated systems ensure full self-reliance, enabling operational continuity in remote or austere environments. By offering scalability and customisation, TRECC transforms from a simple shelter



Rapid and agile. TRECC expands the possibilities.

TRECC's aluminium and composite panel, vertically and sideways expanding design allows it to be mounted on a range of vehicles or trailers. It can be interfaced through bespoke designs or directly mounted, depending on operational needs. With under 60-inch stowed height, it is CH-47 airlift compatible, ensuring rapid transportability. Whether integrated into an existing fleet or delivered as a standalone capability, TRECC adapts seamlessly, providing unmatched flexibility for forward-deployed personnel.



Standard Specifications

TRECC specifications can vary depending on your configuration

Specification	TRECC-T	TRECC-P	TRECC-M
Length	2260 mm // 89 in	2642 mm // 104 in	Coming Soon
Width (packed)	2134 mm // 84 in	2134 mm // 84 in	Coming Soon
Width (deployed)	4552 mm // 179 in	4629 mm // 182 in	Coming Soon
Height (packed)	1524 mm // 60 in	1524 mm // 60 in	Coming Soon
Height (deployed)	2421 mm // 95 in	2421 mm // 95 in	Coming Soon
Tare Weight	907 kg // 2000 lbs	1000 kg // 2205 lbs	Coming Soon
Payload Volume	7.0 m ³ // 247 ft ³	8.6 m ³ // 303 ft ³	Coming Soon
Deployed Volume	23.9 m ³ // 843 ft ³	29.6 m ³ // 1046 ft ³	Coming Soon
Deployed Floor Area	10.3 m ² // 111 ft ²	12.2 m ² // 132 ft ²	Coming Soon

Options

TRECC can be configured to your exact requirements.

Structure & Configuration

- Extended-height roof system
- Expandable wing system
- Fabric and paint upgrades (IRR, CARC, EMI)
- Interconnector and corridor kits
- Lightweight aluminium frame
- Multiple color options

Entries (Doors & Windows)

- Double-zip roll-up doors with Velcro seals
- Rigid vinyl-framed sliding windows
- Blackout window systems & insect netting
- All-season insulated cover system

System Integration

- Integrated electrical & data networking
- Communication & IT systems integration
- Plumbing and mechanical system integration
- Permanent equipment & specialist fit-outs

Power & Environmental Control

- Integrated HVAC systems
- High-performance insulation (walls, floors, ceilings)
- Heating systems (oil-burning heaters)

Logistics

- Platform and stair entry system
- Mobility trailers (military / civil)
- Interconnector kits for all Weatherhaven shelters

Example Applications

See our website for more TRECC applications.

- Humanitarian Response
- Mobile Clinics
- Military Camps
- Aircraft Support
- Field Kitchens and Dining
- Vehicle Workshops
- Workforce Camps
- Field Hospitals

