

CAMSS30



California Medium Shelter System: CAMSS30

The CAMSS30 Shelter System is the official United States Air Force Medium Shelter System. Known throughout the US Air Force as the California Medium Shelter System, it is a multi-purpose shelter that provides over 1500 sq. ft. of clear-span floor space. It is a highly portable, all-weather shelter system for rapid worldwide deployment. The CAMSS30 is NSN listed and is used by all branches of the US Armed Forces.

Everything In One Container

The CAMSS30 is a complete shelter system, which includes the shelter, lighting, outlets, distribution panel, flooring, HVAC ports, extreme temperature and high humidity kit, personnel doors, vehicle doors, spares kit, erection tools, technical manual and composite container. Just open the container and you have everything you need to erect and maintain this shelter system. The CAMSS30 is a highly portable shelter system.

Versatile Applications

Measuring 29'6" wide by 52' long by 15' high, the CAMSS30 provides a large, comfortable, bright, open area suitable for command centers, communication facilities, billeting, recreation, centers, kitchens, dining halls, commissaries, hospital wards, maintenance shops, and warehousing.

Rapid Deployment

Six personnel can erect the CAMSS30 Shelter in less than 4 hours and no tools, other than those provided, are needed to assemble the shelter. Color-coding, interchangeable parts, and a logical assembly sequence makes the CAMSS30 easy to erect. A verified technical manual with illustrations is provided.

CAMSS30:

CAMSS Tan

Part Number: CAMSS-HIT-29.552T
National Stock #: 5419-01-465-3019EJ

CAMSS Green

Part Number: CAMSS-HIT-29.552G
National Stock #: 5419-01-465-3023E

INCLUDES:

- Two 11' x 10'6" vehicle doors
- Two aluminum personnel doors
- Six windows with blackout flap
- Extreme weather kit
- Quick connect lighting and outlets
- HVAC ports and plenums
- Complexing flap
- Single-piece fabric floor and anchors
- Blackout cover
- Set-up tools
- Composite container
- Ladders
- Technical manual

CAMSS30



From Southwest Asia to the Arctic Circle

Extensive field use and high wind tests at Aberdeen Proving Grounds confirm the CAMSS30 Shelter System's performance in extreme climates. Additionally, during extreme weather testing at the McKinley Climatic Laboratory, the CAMSS30 maintained a comfortable room temperature with outside temperatures of -55 to 125 degrees Fahrenheit. The CAMSS30's proven performance in extreme heat and cold and high winds and snow make it a versatile, all-weather shelter system that is ready for worldwide deployment.



All In A Rugged Compact Container

The packed CAMSS30 fits in its own reusable, weather-tight, composite shipping and storage container, which measures just 82" wide by 96" long by 47" high. The container, pictured above inside the shelter, is forkliftable and stackable. Its design makes it easy to pack every time.

Highly Portable

The CAMSS30 is compact and lightweight, making it suitable and easy to transport by truck, ship, or aircraft. Two of these shelters, packed into the Large Composite Container, will fit on a 463L pallet for air shipment.

CAMSS30 Shelter System Features and Options

The CAMSS30 has several standard features that make it suitable for any application, to include equipment and vehicle maintenance, billeting, recreation centers, exchanges, and warehouses. The vehicle doors, hard personnel doors, extreme temperature liner, electrical system, windows, and single piece floor make this multi-purpose shelter the perfect choice for anyone requiring a large, wide-open workspace.



The tight, white vinyl Extreme Temperature-High Humidity Liner and fourteen 200w incandescent lights provide a bright work area for any purpose.

IN ACTION:

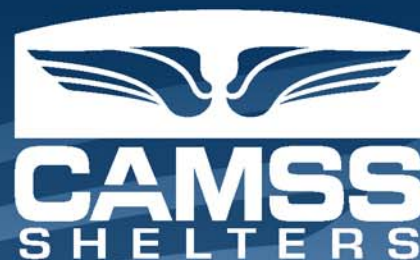


The entire CAMSS30 Shelter System, known throughout the US Air Force as the California Medium Shelter System, can be packed into a single container measuring 82" wide by 96" long by 47" high. Pictured above is a fully erected shelter next to the Large Composite Container it comes in.



This photo of a partially installed liner system demonstrates how an attic space is created across the top of the shelter. The attic space includes vents at each end and is important to the shelter's excellent performance in extreme heat and sun. The attic space acts as an internal fly where solar heat is collected and naturally vented. The attic vents may be closed in cold weather to conserve warm air.

CAMSS30



The vehicle doors are assembled in minutes during the shelter assembly process.

A set of 18" HVAC ports and an electrical pass-through port are located in both ends of each side of the shelter.



Each window is covered by a blackout flap, which can be rolled up to allow fresh air to enter the shelter through the window screen. A detachable clear vinyl window panel attaches to the inside to provide natural light.

An attic vent is installed in each end of the shelter at the peak to provide a natural exchange of air from between the Extreme Temperature-High Humidity Liner and the shelter cover. A screen is installed in the end panel to prevent vectors from entering the shelter through the vent.



The lightweight aluminum frame of the CAMSS30 sets up easily using only the tools and ladders provided with the shelter.



Full circle cutout vents in the plenum eliminate unnecessary airflow noise and detachable vent covers allow for spot cooling or heating.



The standard CAMSS30 Shelter system comes equipped with an aluminum personnel door, a window, and an 11' wide by 10'6" high set of vehicle doors in each end.



An airsock with plenum is provided for each of the four sets of HVAC ports, which help provide an even distribution of heated or cooled air throughout the shelter.

CAMSS30



The simple design and logical setup sequence of the CAMSS30 Shelter allows it to be set up quickly and safely, even in inclement weather.

An optional divider with a double zipper roll up door is available for the CAMSS30 Shelter.



A collective protection liner is available for the CAMSS30 Shelter.

CAMSS30 Shelters In Use

The multi-purpose CAMSS30 Shelter is in use throughout the world in numerous applications. Its wide-open floor space, bright interior, and large vehicle doors make it a perfect choice for laundries, recreation centers, maintenance shops, kitchens, or billeting.



This CAMSS30 is being used as a Recreation Center at a base near Doha, Qatar.

The multi-purpose CAMSS30 is being used as a laundry facility while in use at Baghdad International Airport in Iraq.



Multiple CAMSS30 Shelters are in use at Baghdad International Airport.



The cover has a connector flap to connect shelters together end to end to create a longer shelter. It is rolled up and strapped to the end of the shelter if it is not needed.

CAMSS30



The wide-open space of the CAMSS30 makes it a great choice for a billeting shelter.

The large vehicle doors make deliveries easy at this CAMSS30 kitchen shelter in use at a base near Doha, Qatar.



CAMSS30 Shelters have a cover connector flap that allows two or more shelters to be connected end to end to make a longer shelter, as shown here at a base near Doha, Qatar.



The CAMSS30 is in use throughout the world and is commonly referred to as the California Medium Shelter System.

This CAMSS30 Shelter is in use as a maintenance shelter at an undisclosed location in Macedonia.



The CAMSS30 is available with the same features in a green color.

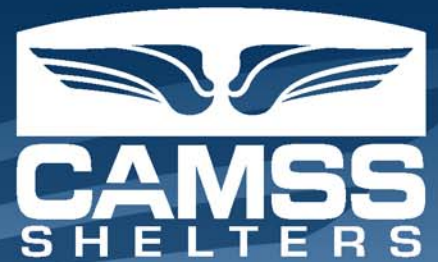


The 11' wide by 10.5' high vehicle doors in each end of the shelter enable it to be used as a large vehicle maintenance shelter.



CAMSS30 Shelters are in use at an undisclosed location in northern Iraq.

CAMSS30



CAMSS30 Shelters Packed for Shipment

CAMSS30 shelters are packed in a lightweight, all-weather, forkliftable, composite container and an entire CAMSS30 Shelter System will fit in one CAMSS Large Composite Container. These containers are stackable and two containers will fit on one 463L pallet for air shipment.



The Large Composite Container, measuring 82" wide by 96" by 47" high, weighs 350 lbs. and will hold an entire CAMSS30 Shelter System.

Two Large Composite Containers will fit on one 463L pallet for air shipment, providing over 3000 sq. ft. of shelter floor space.



Five packed CAMSS30 Shelters fit easily onto this 40-foot long trailer.



US Air Force RED HORSE personnel used this CAMSS30 as an all-purpose shelter during Hurricane Katrina relief efforts.