

# CAMSS80EXT120



## Larger, Wider and Taller

The CAMSS80EXT120 is the new generation of our EX+ series that shelters the needs for any mission. This shelter is commonly used for maintenance, warehouse and recreation. The 80EXT120 provides 9600 square feet of space to maintain large military vehicles, small planes, UVA's or whatever it takes to complete your mission.

## Electric vertical lift truss vehicle doors

The CAMSS80EXT120 shelter system comes equipped with two electric lift vehicle doors providing large 30' wide by 15' high access on each end of the shelter. The vehicle doors lift up vertically so as not to interfere with interior or exterior space. As well, the vertical lift doors do not leave any interior area exposed to the sky and weather as with baby buggy style doors. Aluminum box truss beams make for a robust durable door.

## Engineered to Last

The 80EXT120 is engineered to be built strong, durable and to last. Only a trained crew of 10 is needed to assemble and erect the 80EXT120. This shelter is engineered to strike only using manpower, included tools and hand-crank lifts to be built strong to last. With all extreme conditions considered the 80EXT120 is built to last over 10 years staying strong as ever.

- Engineering calculations demonstrate shelter performance meets a wind load of 100 mph per ASCE 7-16
- Engineering calculations demonstrate shelter performance meets a ground snow load for 20 psf per ASCE 7-16

• TRIED AND TRUE •



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# Manpower and Lifts for Assembly

Designed with rapid deployment in mind, this shelter is to easy strike up and take down. The CAMSS80EXT120 structure is a lightweight structural aluminum frame system that tensions into a high strength steel base. A trained crew utilizing hand crank lifts and their manpower is all that is needed to erect the CAMSS80EXT120. This shelter is engineered for durability, portability and simplicity in both erection and tear down. It is capable of transportability in all modes of transport, i.e: air, rail, land or sea.



## GENERAL

- Measures 80' Wide x 120' Long x 31' Tall with a 17' eaves
- Usable area of 9600 square feet
- 47,694 lbs unpackaged
- Shelter to fit into 15 standard 463L pallet positions (88"x108"x96")
- Used for maintenance, warehouse, equipment coverage

## COVER / END PANELS

- 24oz/sq yd Mil-Spec 44103D fabric
- Each cover has 4-HVAC ports
- Guy ropes for wind load capability up to 100mph
- Can connect multiple shelters end to end with integrated connector flap
- Build in infrared (IR) blocking
- Fabric includes UV inhibitors and is mold and rot resistant
- Fire resistant fabric that meets NFPA 701
- Cover and ends are radio frequency welded

## ELECTRICAL

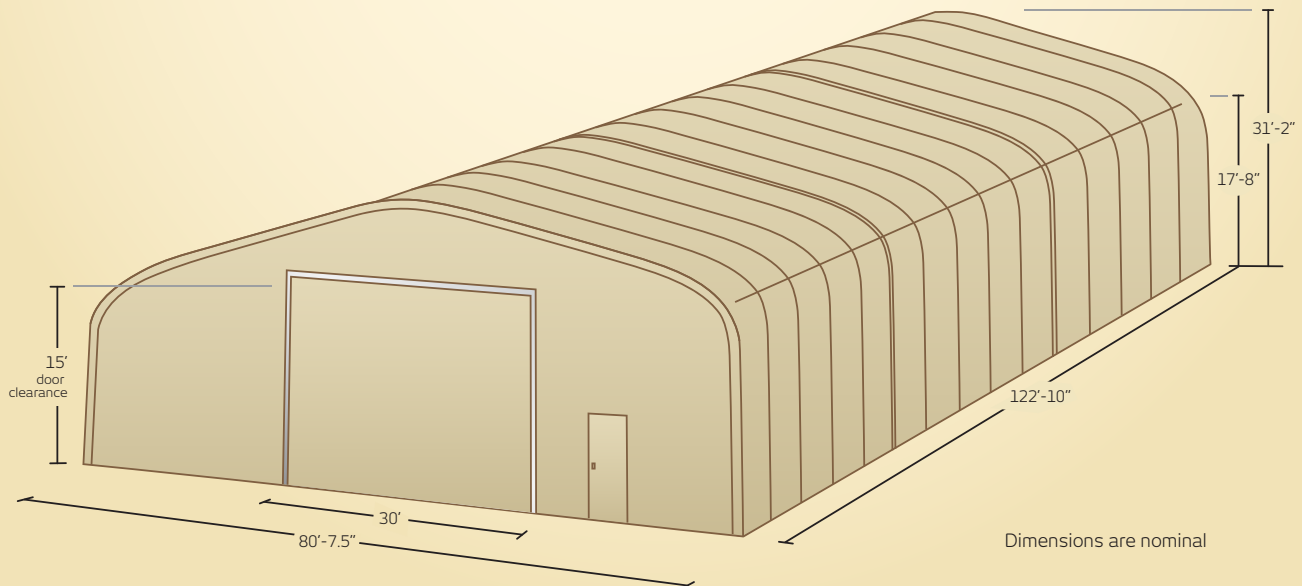
- One (1) three phase electrical panel
  - 125 AMP, 208 Volts, 60 Hertz
  - 60 AMP Main breaker
  - Four (4) twist lock cable connectors
- Two (2) outlet lines with a total of six (6) quick connect 110v plugs

## VEHICLE ENTRIES

- One vertical lift door 30'W x 15' H
  - Electric operation in under 1 minute with manual backup
  - Vehicle doors install in 2 hours
  - 17oz/sq yd Mil-Spec 44103D fabric
  - Secured to the shelter without penetration of fabric

## FRAME

- Made from lightweight, high strength aluminum
- Can be assembled without heavy equipment
- Frame components are interchangeable
- Designed for incremental lifting method to maintain highest safety of crew
- All main arches fastening and bolting of main frame is capable of on ground completion to assure properly connected and torqued fasteners and bolts
- Main arches raise into the air simultaneously with horizontal purlins to assure the stability of the frame during erection for safety
- Pre-drilled frame for easy assembly and anchoring
- Frame has connection points to secure cover to frame
- Frame is corrosion resistant
- Vertical and horizontal aluminum bracing in end-walls
- End base includes patented pulley tensioning system to tighten cover
- Tools for lifting and erecting the main arches are included with the shelter system



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CAMSS Shelters products are also available through the Defense Logistics Agency (DLA) and the General Services Administration (GSA) for military and US Government Agency users.



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