



A Manufacturer Of Specialty Vehicles, Trailers And Special Structures For Defense And Industry
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Clegg Industries Commercial S-280 Type Electronic Equipment Shelter Mechanical Data and Features

- Exterior - 147" L x 87" W x 86-3/8" H
- Interior - 138" L x 81-1/2" W x 77-1/8" H
- Heat transfer coefficient - U-Factor-0.38 BTU/hr/sq. ft./F
- Payload - 5000 lbs - standard configuration.
- Water tightness -completely water-tight; tested on rain making station.
- Operating temp.-65F to +125F plus solar load. Non operating temp. -80F to +160.
- Mounting member support loads - Wall, roof and floor tensile load of 1000 lbs. Followed by 100 inch pounds torque load 5/16" - 18 insets.
- Latching device - three point roller cam latching mechanism provides ease of personnel door operation while maintaining weather integrity.
- Roof load - snow and ice load of 75 lbs./sq.ft.
- Skids - three full length replaceable shock absorbing type.
- Floor load - strength to accept 2500 lbs. over any 3 sq.ft. area without permanent set.
- Roof access - three recessed folding steps in side wall and one roof handhold.
- Panel Construction bonded sandwich consisting of polyurethane foam core, aluminum skins and a framework of high strength all welded aluminum alloy extrusions.
- Lifting eyes - four (4) eyes with 3" inside clearance 14,400 lbs.tensile load per corner in any direction.
- Towing eyes - four (4) eyes with 2" inside clearance. 14,400 lbs.tensile load per corner in any direction.
- Basic Shelter supplied with one HVAC cutout size 19" x 27".
- Can be safely transported by truck, aircraft, rail or ship.

S-280 Electronic Shelter Options:

- Power Panel Entries
- Signal Panel Entries
- HVAC Cutouts (any size)
- Shock Skids
- EMI Shielding
- Custom Paint
- Tapping Plates
- Masts
- Antennas
- Integration
- Custom Sizes
- Leveling Jacks & Interior Jack Stowage
- Inclometers
- Lifting Sling
- Recessed Step Pockets
- Ventilation Openings & Louvers
- Cable Entry Doors & Hood