

AP FORT®

Thermal Shelter



<https://amprod.us/fortqr>



AMERICAN®
PRODUCTS 

AP FORT® Standard Offerings



Galvanized Steel. Outstanding impact and corrosion resistance. Walls, floor and ceiling 14 gauge. Ceiling joists 12 gauge.



NEMA Protection: Protection Level Type 3R. This enclosure protects against rain, sleet, snow, splashing water and damage from external ice formation.



Stainless Steel Hardware: We choose the highest quality materials to produce our enclosures. Type 304 stainless steel hardware will not rust in the field.



Powder Coating: Enclosures are powder coated and tested for outdoor telecom enclosures.



Power: Pre-wired 20 Amp receptacles are a standard feature.



Load Center: 100 Amp load center w/ main & branch circuit breakers, 12 slot.



Vinyl Flooring: Commercial Grade



Locking: Secure, strong lockable door knobs



LED Lighting



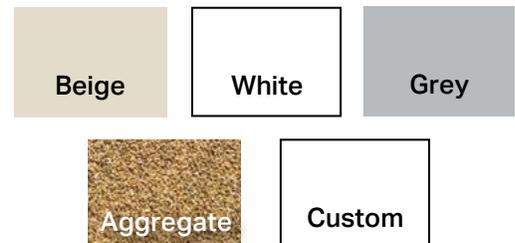
Lifting Eyes/Forklift Tubes: Crane ready lifting eyes and forklift tubes for a convenient way to offload and position your shelter.



Insulation: 11R in-wall, ceiling and floor.



Standard Color / finish choices:
Colors shown here are approximate.



Shown with Options



Shown with Options



Shown with Options

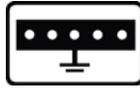
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AP FORT[®] Options



Upgraded Load Center



Copper Ground Bar



Numbered 19" or 23" EIA Standard Relay Racks



Ladder Racks



Generator Plug & Interlock



Battery Racks



Surge Arrester



Door Alarm

AP FORT[®] Climate Control Options



AC and Heat*

- 1 TON to 5 TON Units High Volume
- AC or DC Powered



High Output Ventilation

- 115VAC / 12, 24, 48VDC
- Adjustable Thermostat
- Filters Available



Heat Exchanger

- Consult factory for sizes.



Redundancy

- Dual AC with a controller that switches lead/lag AC.



Baseboard Heat

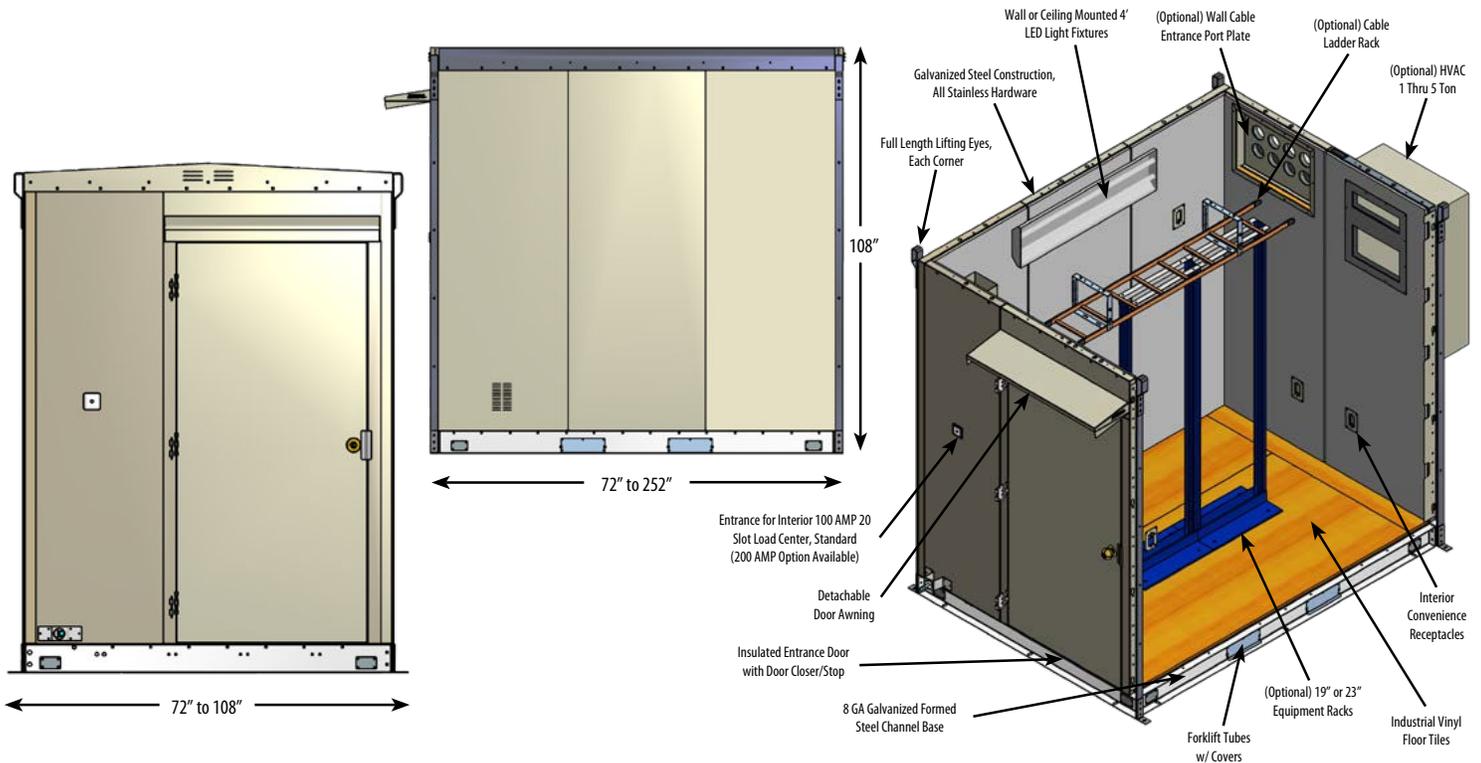
- Built in adjustable thermostat
- 1500W, 115VAC



Battery Heater

- 115VAC

AP FORT[®] Basic Layout w/ Options



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Technical Specifications



PART NUMBER	SHELTER SIZE (ext.)	STANDARD CONFIGURATION	ESTIMATED WEIGHT
AMCS-7277104-STD	108" H x 72" W x 72" D <i>(9' H x 6' W x 6' D)</i>	100A panel, 4 Outlets, 2 Lights	2875 lbs
AMCS-10877104-STD	108" H x 72" W x 108" D <i>(9' H x 6' W x 9' D)</i>	100A panel, 4 Outlets, 2 Lights	3710 lbs
AMCS-14496104-STD	108" H x 96" W x 144" D <i>(9' H x 8' W x 12' D)</i>	100A panel, 6 Outlets, 4 Lights	6870 lbs
AMCS-180108104-STD	108" H x 108" W x 180" D <i>(9' H x 9' W x 15' D)</i>	100A panel, 6 Outlets, 4 Lights	7750 lbs
AMCS-252120104-STD	108" H x 120" W x 252" D <i>(9' H x 10' W x 21' D)</i>	100A panel, 6 Outlets, 4 Lights	11250 lbs

*Interior Height is 95"

FEATURE	DESCRIPTION	MATERIALS, FINISH & STANDARDS
Shelter Construction	Floor, wall, ceiling and roof panels are bolted construction and made out of 14 gauge galvanized steel. Base is bolted construction and the channels are made from 8 gauge galvanized steel.	Walls, ceiling, roof and floor panels are constructed out of 14 gauge G90 galvanized steel. Wall, roof & ceiling panels are powder coated outdoor rated TGIC paint. All stainless steel high strength bolted connections. Designed and built to NEMA 3R Standards. Building structure compliant to latest IBC codes and regulations. Shelter designed to withstand up to 155 MPH wind load rating.
Interior Walls	All interior walls are bright white faced 1/2" wall panels well suited for mounting equipment of all types. All seams trimmed with aluminum angles for a clean finish.	Interior walls constructed out of 1/2" thick white Poly Vinyl Chloride (PVC) solid white ridged plastic. Panels are fastened directly to the formed wall panel sub-structure with stainless fasteners. Seams trimmed with .090" thick 5052-H32 aluminum angles.
Electrical System	All electrical conduit runs are surface mounted on the interior of the shelter which facilitates easy visual inspection. Interior panels and junctions utilized in standard configuration.	All galvanized EMT conduit, fittings and junctions are utilized within the electrical system. Standard Schneider QO load centers & breakers used unless otherwise specified. All electrical installation is supervised by a certified electrician in accordance with the latest NEC regulations and guidelines. All standard electrical components are UL listed and/or recognized.
Insulation	All exterior walls, floor and ceiling are insulated.	3.5" thick R11 Owens Corning fiberglass batt insulation utilized for exterior walls, ceiling and roof.
Entrance Door	Custom designed powder coated galvanized steel entrance door with keyed door knob and door closer.	40" wide x 82.75" tall door constructed from 14 ga galvanized steel, welded & riveted construction. All surfaces powder coated outdoor rated TGIC paint. Door includes (3) stainless 4.5" leaf hinges, keyed door knob with 4-7/8" striker plate and surface mount door closer with hold open arm.
Lifting Eyes	Formed full height lifting straps on each corner and fork lift tubes in the base to facilitate crane or forklift positioning.	Lifting eye straps constructed out of .25" thick hot rolled steel and hot dip galvanized. High strength bolted connections from the shelter base and up each wall corner for maximum rigidity. Forklift tubes within base frame constructed out of 12 gauge G90 galvanized steel with high strength bolted connections to the base frame structure. Tube covers included with shelter.
Lighting	Interior ceiling mounted LED light fixtures. Outside light fixture options available.	(2) to (4) 4' LED light fixtures mounted on the ceiling. LED light fixtures are UL/CSA listed and/or recognized.

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