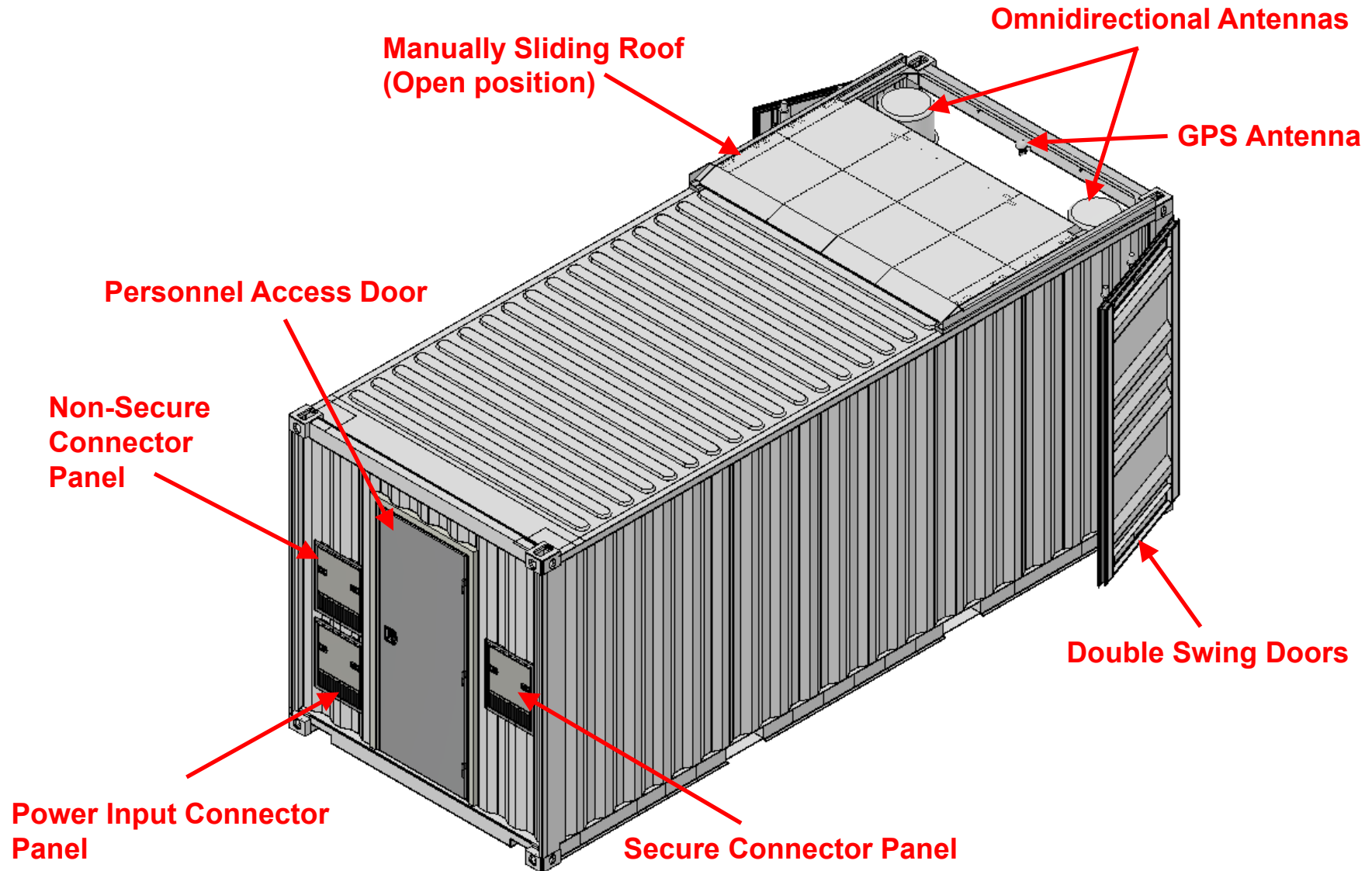


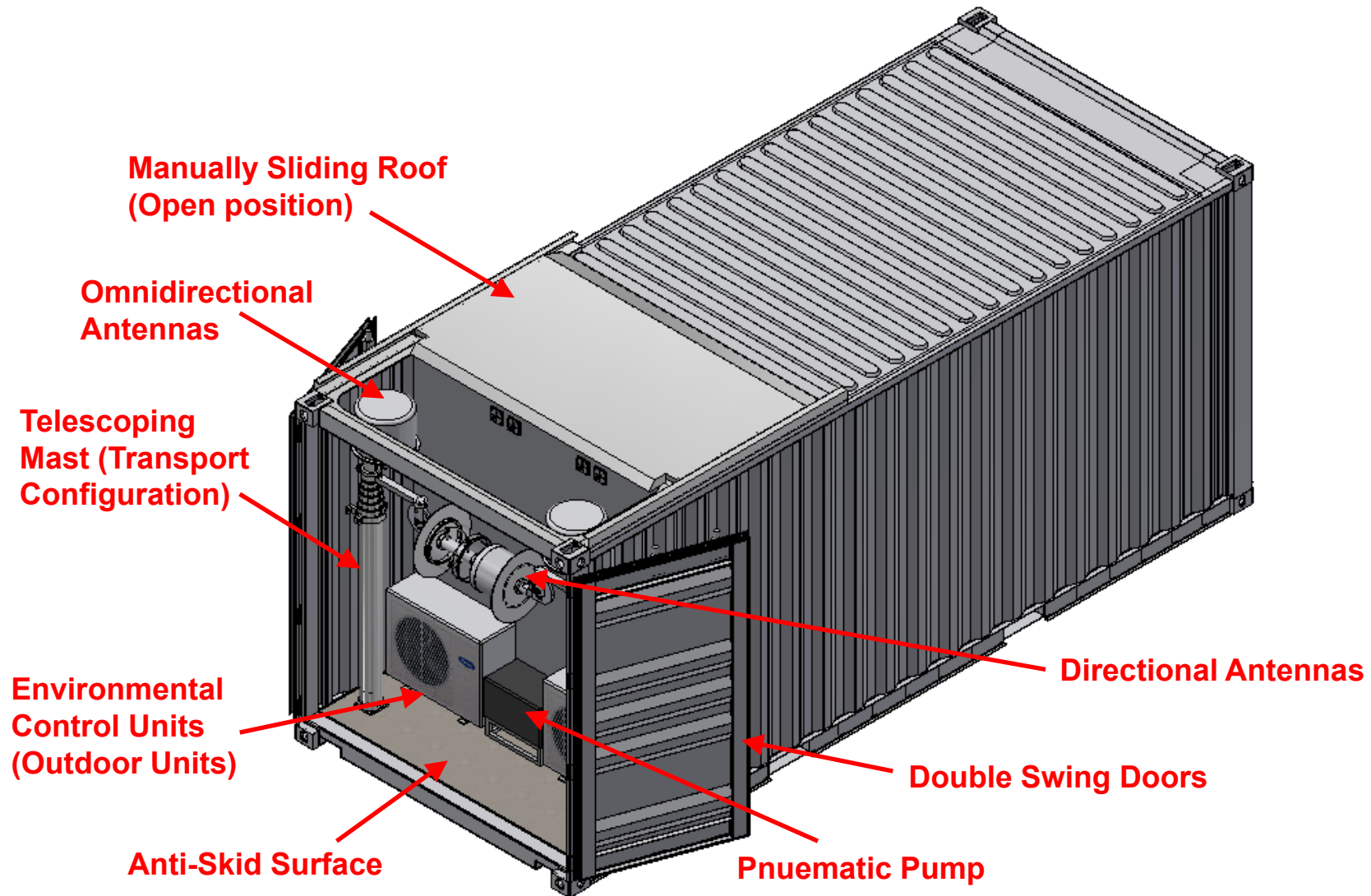


Mobile Shelter - Exterior





Mobile Shelter - Exterior





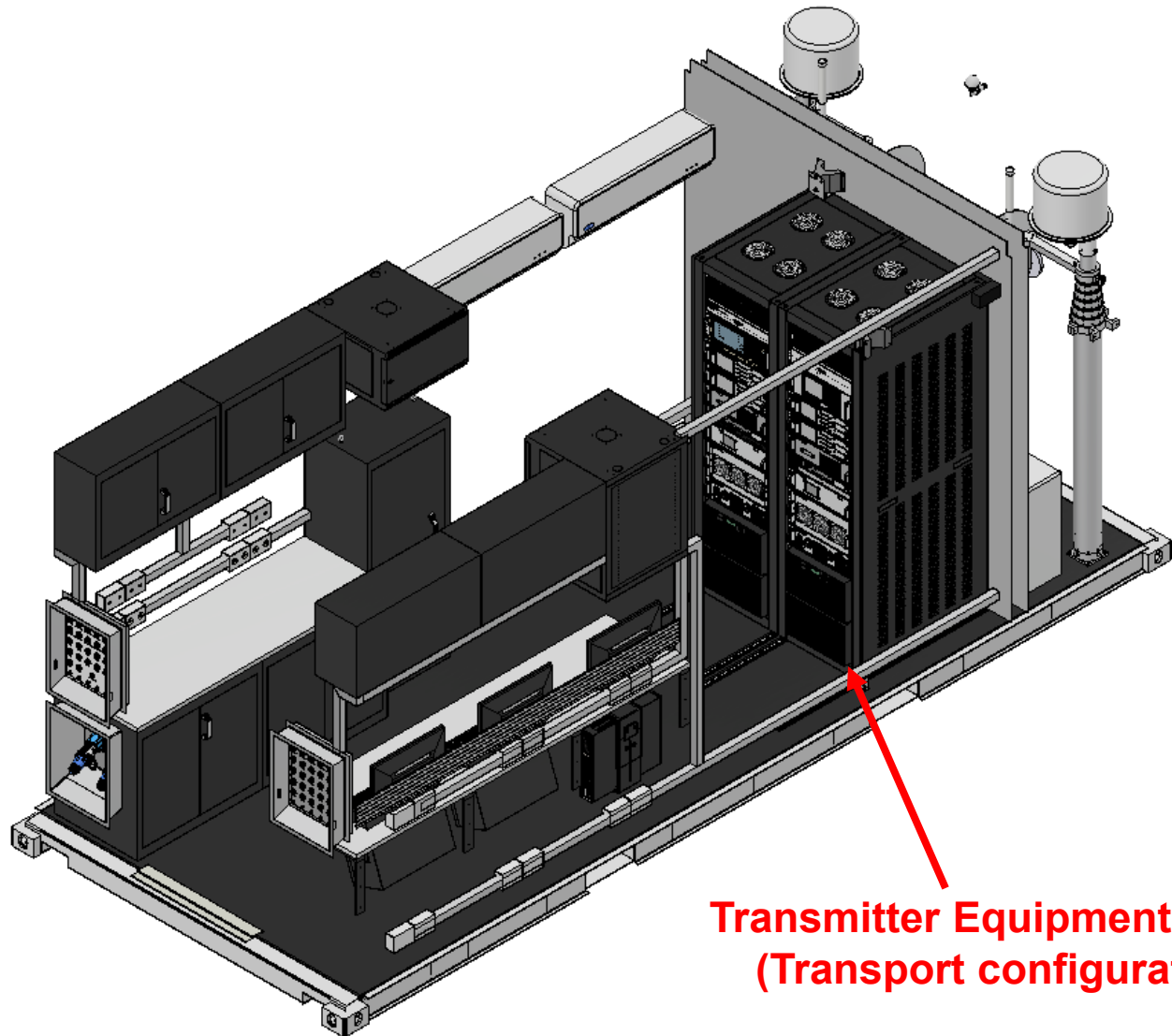
Mobile Shelter - Exterior

Exterior Finish

- Two (2) coats of primer per MIL-P-23377, Type 1, Class N
- Two (2) coats of high gloss polyurethane paint with UV stable additive
 - Color: White (17925 per FED-STD-595)



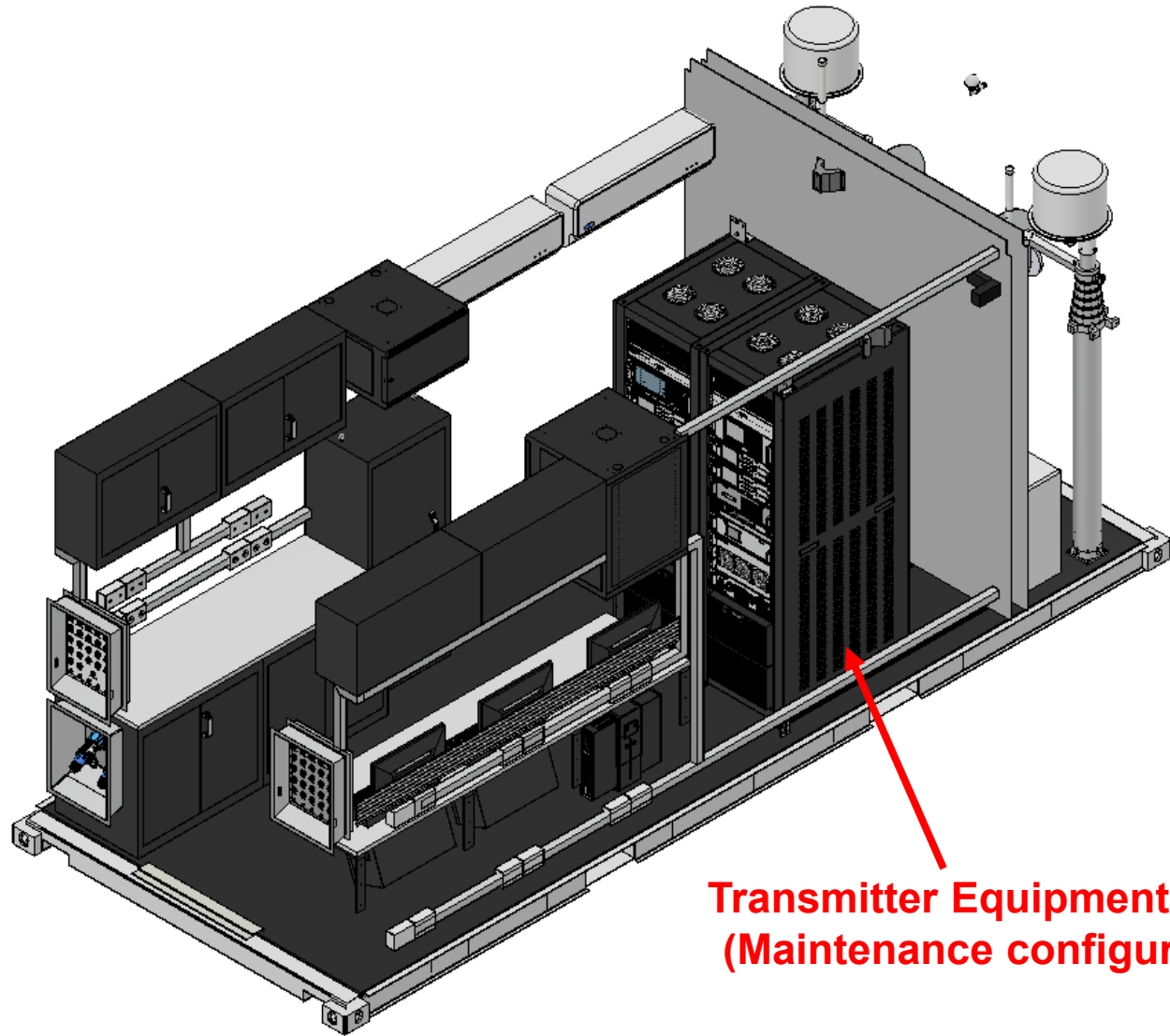
Mobile Shelter - Interior



**Transmitter Equipment Racks
(Transport configuration)**



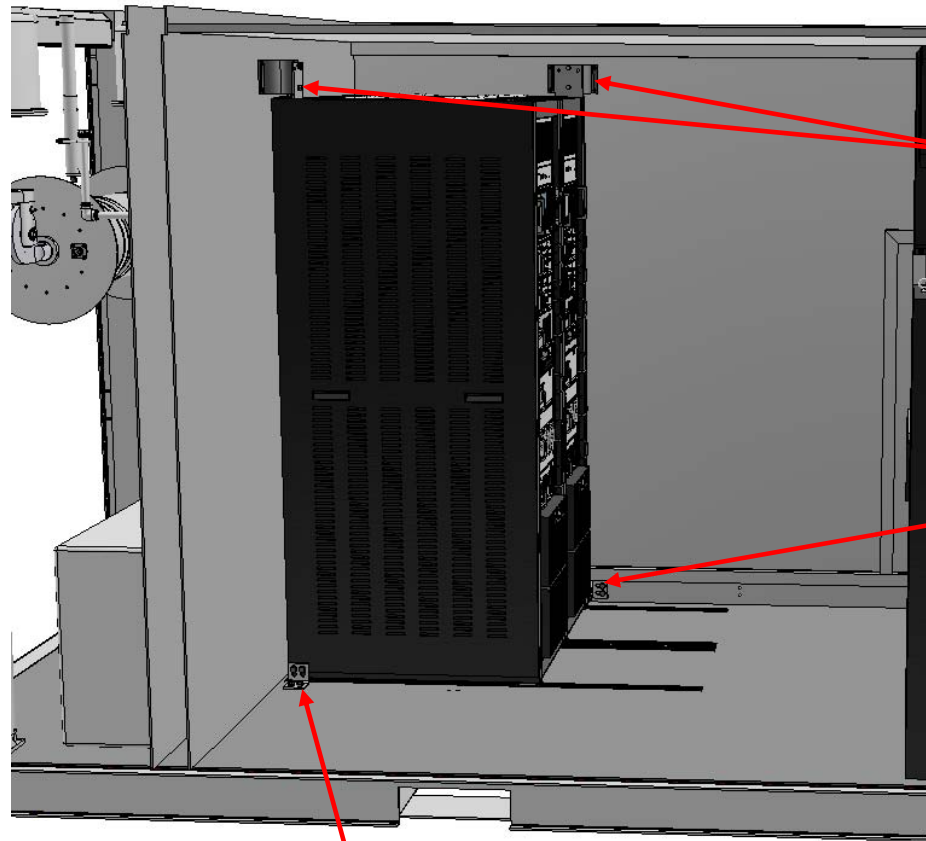
Mobile Shelter - Interior



**Transmitter Equipment Racks
(Maintenance configuration)**



Mobile Shelter - Interior



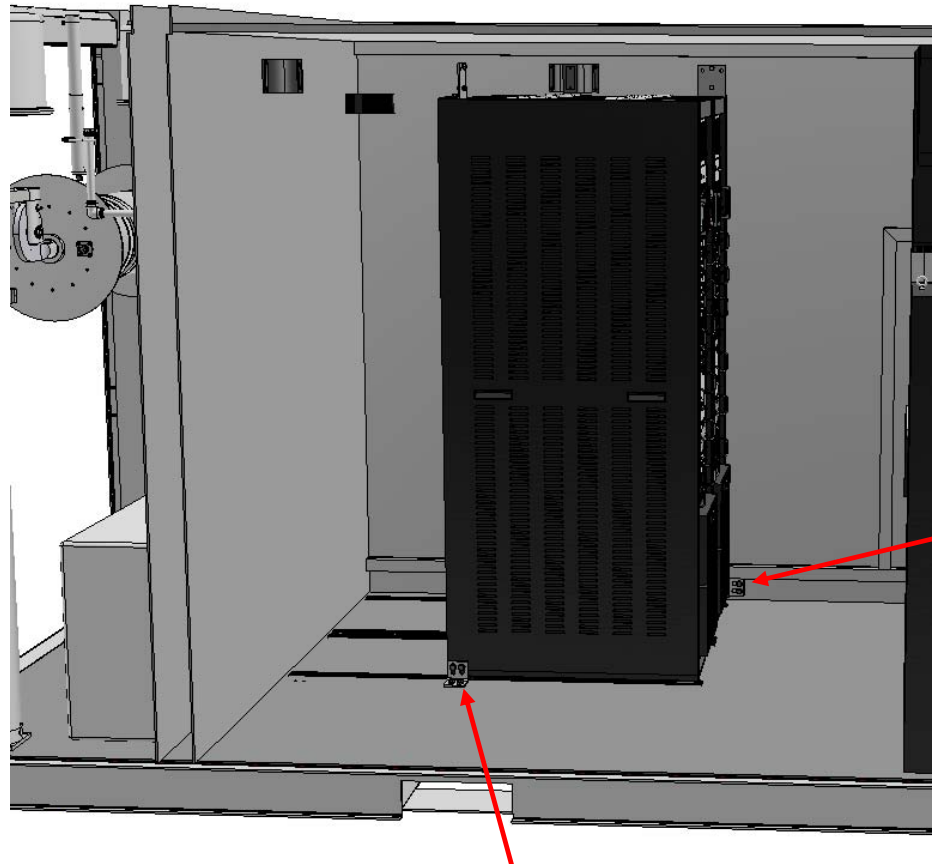
Rack secured to wall via a vibration isolator in transport configuration

Rack secured to wall using angle bracket in transport configuration

Rack secured to floor using angle bracket in transport configuration



Mobile Shelter - Interior

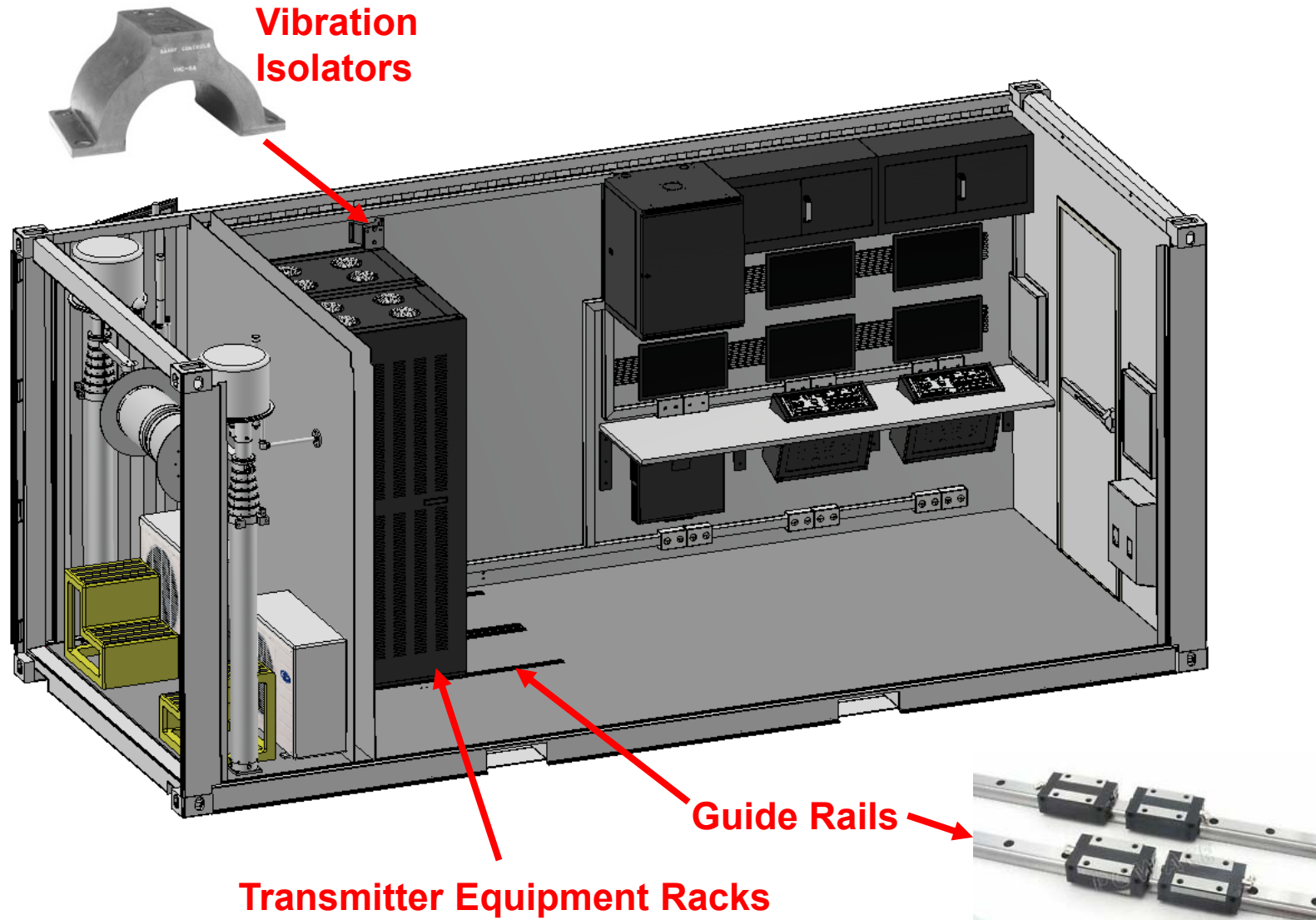


Rack secured to wall using angle bracket in maintenance configuration

Rack secured to floor using angle bracket in maintenance configuration



Mobile Shelter - Interior





Mobile Shelter - Interior

The dual-bay equipment rack assembly, which consists of two (2) 44U tall equipment racks (19") that are fastened together, is mounted onto eight (8) guide rail carriages, which are part of four (4) precision guide rails, as shown on slide 80. The guide rails will allow the equipment racks to be moved away from the shelter's dividing wall by as much as 61cm. The guide rails are recessed into the floor of the shelter and provide approximately 55cm of travel, resulting in 61cm of space between the wall and the rear of the racks, when the racks are slid forward.

When in the operational and transport configuration, the racks are secured to the shelter walls and floor via a number of methods. As shown on slide 28, the top of the racks are secured to the rear and side wall of the shelter by way of vibration isolators. The isolators will dampen and sway in the racks when the shelter is being transported. The rack assembly is secured to the two (2) vibration isolators using a total of four (4) 3/8-16 bolts (two bolts per isolator), which are easily accessible from the front and side of the rack assembly. Note that WV is providing the wrench, as part of the tool set, to remove and install these bolts.



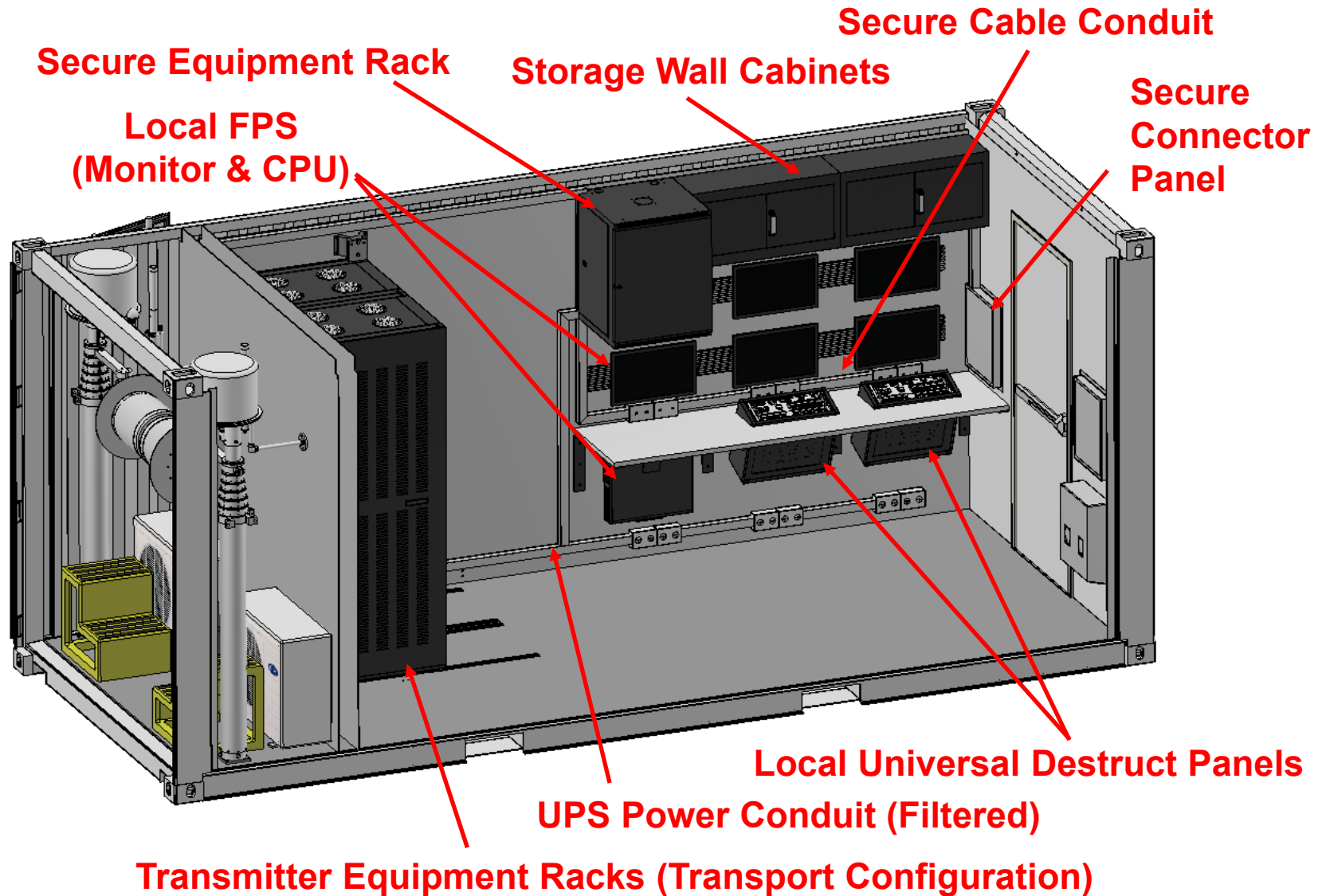
Mobile Shelter - Interior

It should also be noted that in the corner, where the rack assembly meets the rear and side wall of the shelter, that rubbered bumpers are mounted onto both walls to absorb any movement of the racks when being transported. In addition, the bottom portion of the rack assembly is secured to the side wall and to the shelter floor using L-brackets. These brackets will also be used to secure the rack assembly when the rack assembly is slid away from the rear wall, as shown on slide 29.

The rack assembly is designed to be moved away from the rear wall without disconnecting any cables. The RF and power cables will be guided via three (3) cable carriers, while the two (2) Ethernet cables will be guided using flexible metal conduit, ensuring that these cables are entirely shielded.

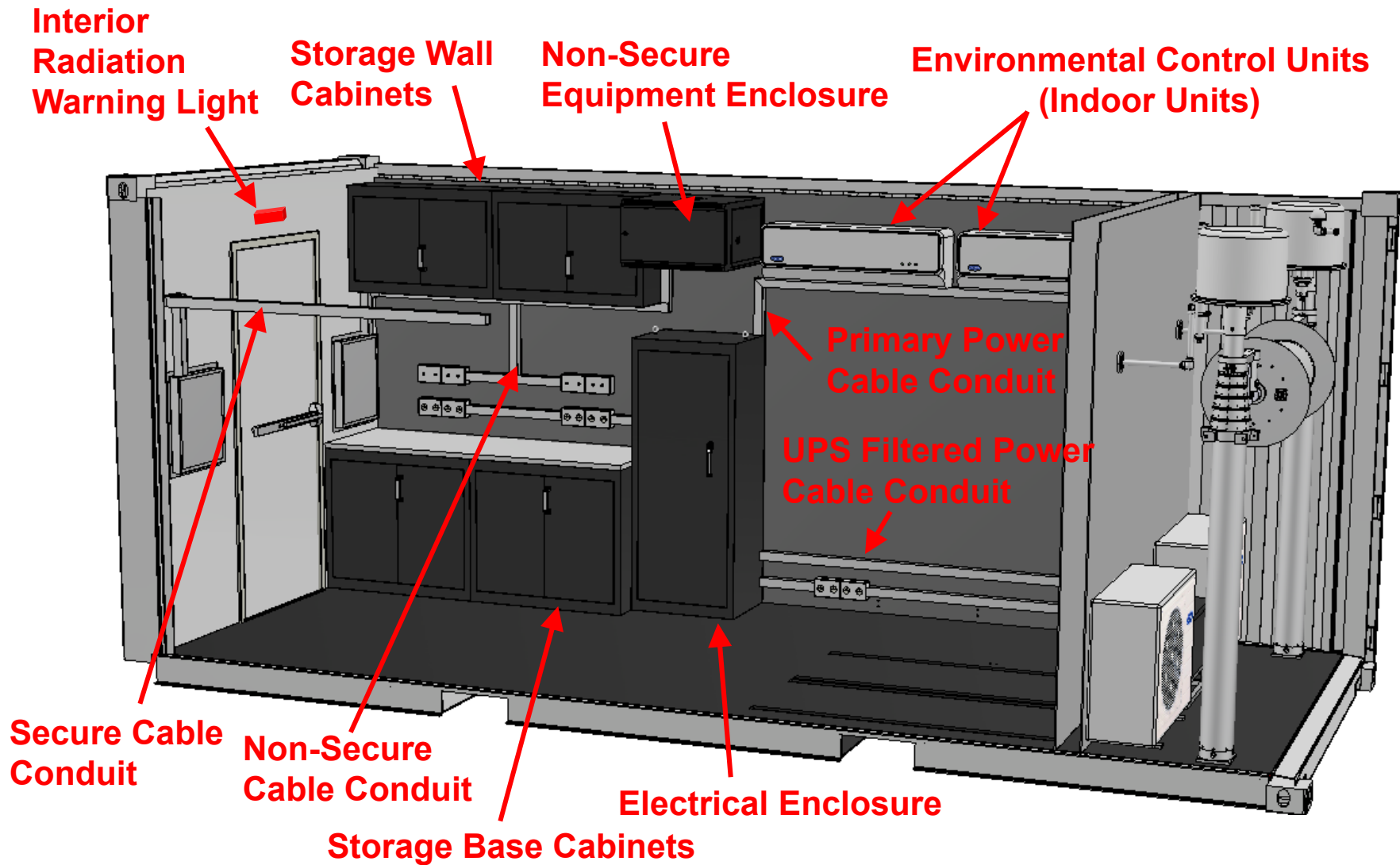


Mobile Shelter - Interior





Mobile Shelter - Interior





Mobile Shelter - Interior

Interior Wall Paneling

- Fiberglass Reinforced Plastic (FRP)
- Easy to clean
- Won't mold or mildew
- Impact resistant
- Chemical resistant
- Color: Light Gray



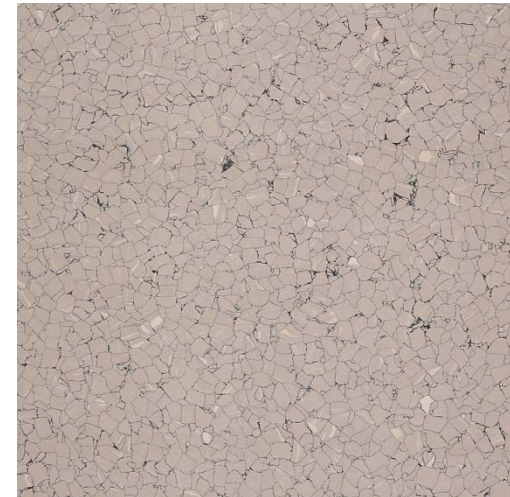


Mobile Shelter - Interior

Interior Flooring Material

ESD vinyl static control tile

- Formulated using bio-based phthalate free plasticizer, from a rapidly renewable resource. Made in the U.S.A. and meets FloorScore®, NSF332 Gold and CHPS criteria.
- High luster surface eliminates need for floor finishing – easily buffs to a shine and resists effects of common chemicals and solder. 24" x 24" x 1/8" tiles.
- Withstands heavy equipment loads without permanent indentation, even under rolling load conditions up to 2,000 psi.
- Meets or exceeds all ESD standards by ASTM F-150, NFPA 99 and ANSI/ESD S7.1 – 2005.
- Color: Haze Gray





Mobile Shelter - Interior

Interior Lighting

Lamp Type: LED

LED Light Dimensions: 60.33cm L x 60.33cm W x 2.21cm H

Voltage: Universal- 120-277V AC, 50/60Hz

Total Watts: 40W Dimmable

Total Lumens: 3,500

Luminous Efficacy: 103 Lm/W

LED Lamp Life Expectancy: 50,000+ Hours

Color Temp: 5,000K

Beam Angle: 110° Flood

Power Factor: >0.90

Operating Temperature Range: -20°C to +50°C

Housing Material: Aluminum

Lens Material: Polycarbonate

Housing Color: White

CRI: > 80

Quantity: 4

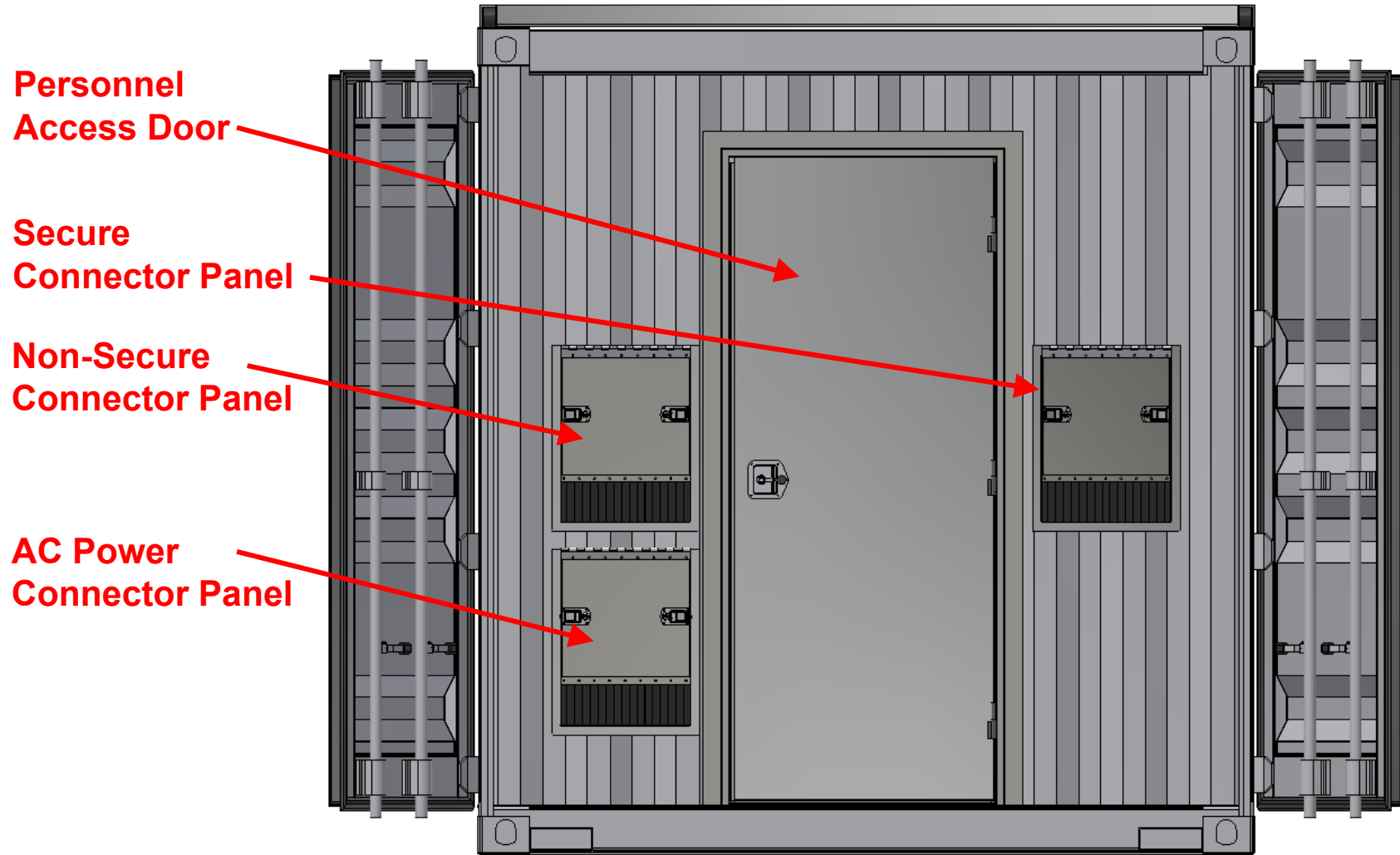


Brightness can be controlled with a 0-10V dimmer or by using the light's step-dimming (power-cycle dimming) feature.



Mobile Shelter

Front View - Transport Configuration





Mobile Shelter

Front View - Transport Configuration

Removal Flood Light

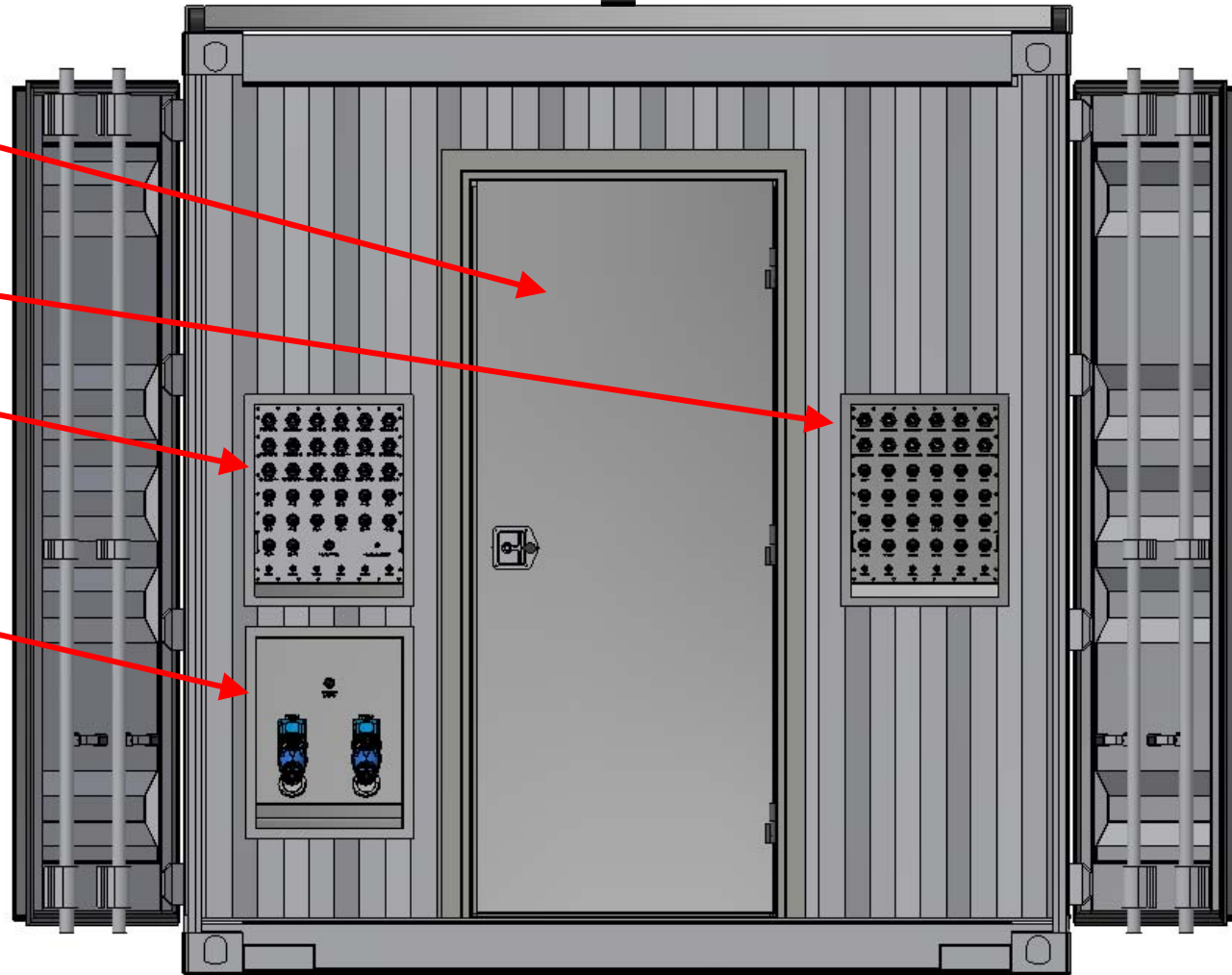


Personnel Access Door

Secure Connector Panel

Non-Secure Connector Panel

AC Power Connector Panel

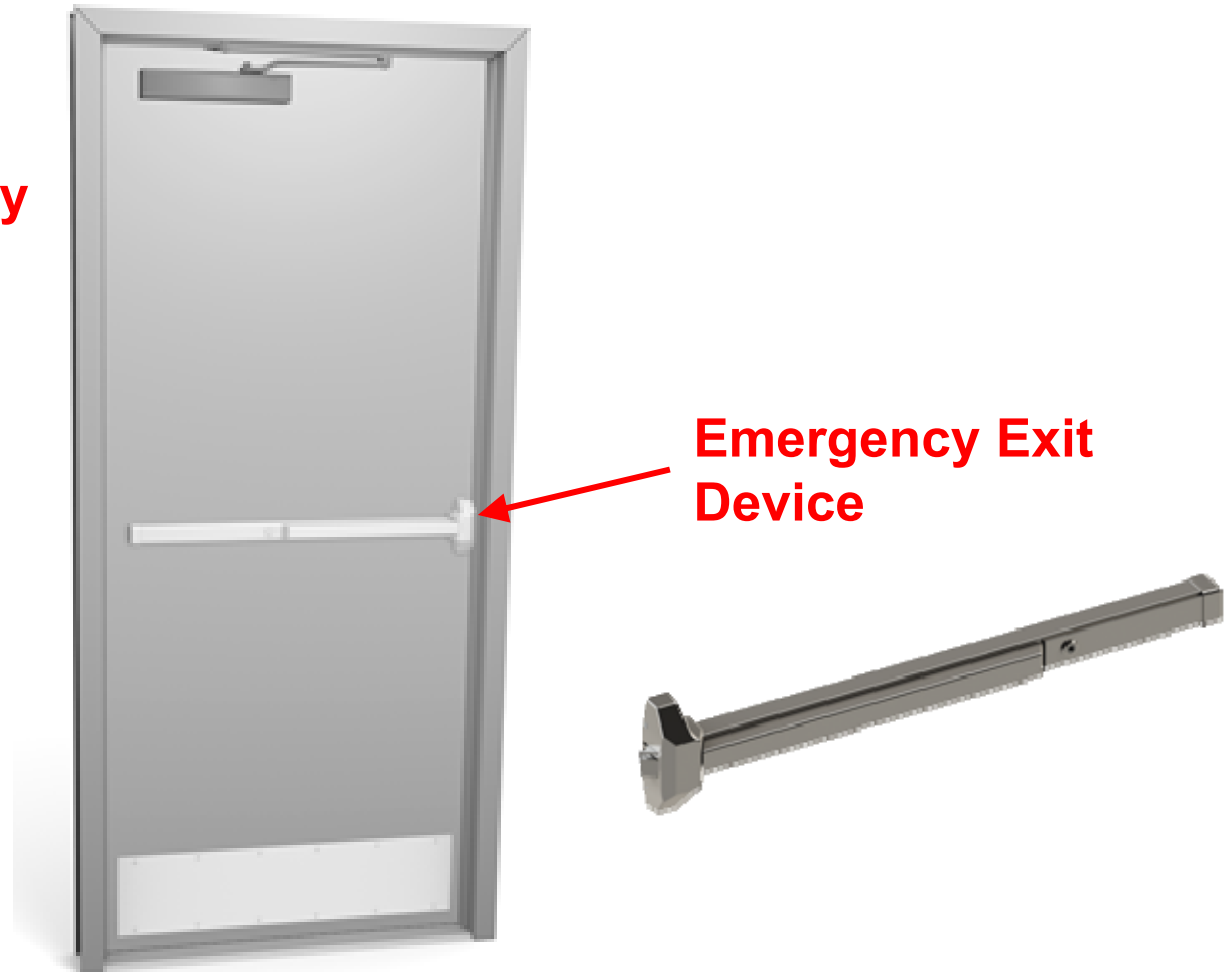




Mobile Shelter

Personnel Access Door

81.3cm wide steel personnel access door with emergency exit device on the interior.

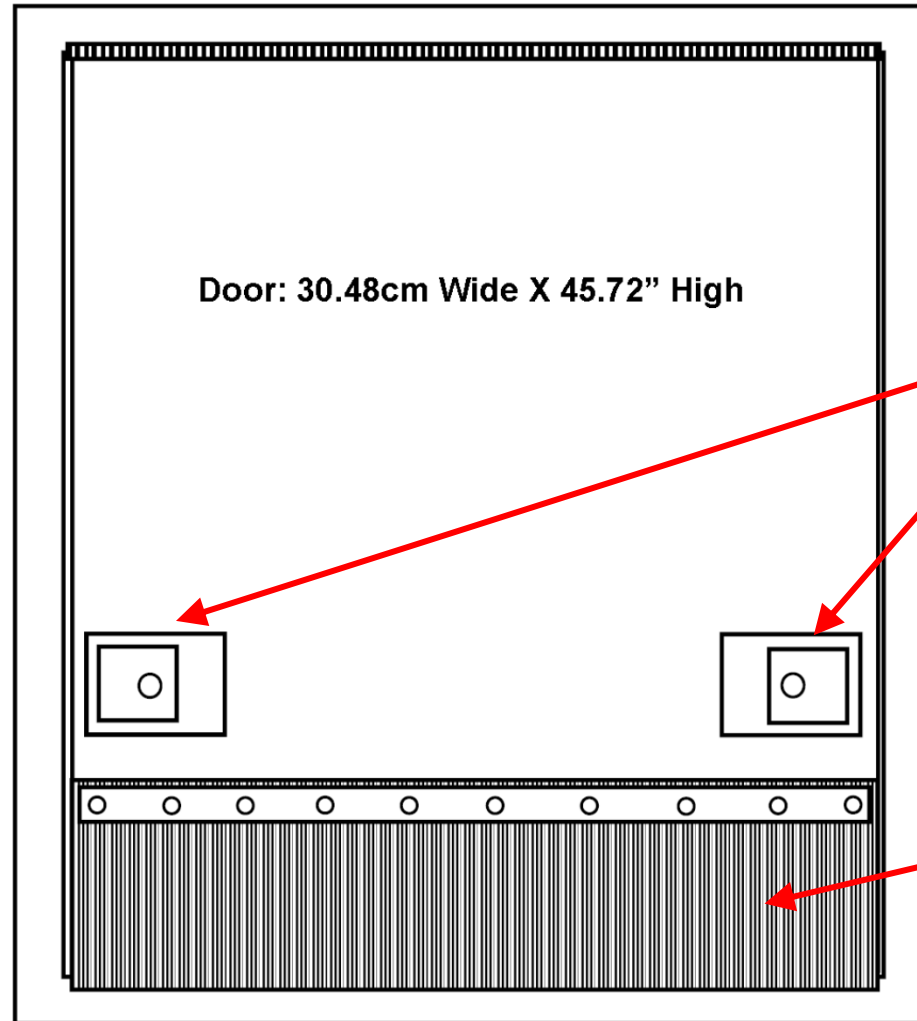




Mobile Shelter

Connector Panels - Exterior

Secure & Non-Secure connector panels located on each side of the personnel access door.



Locking Latch

Rubber Protective Flap

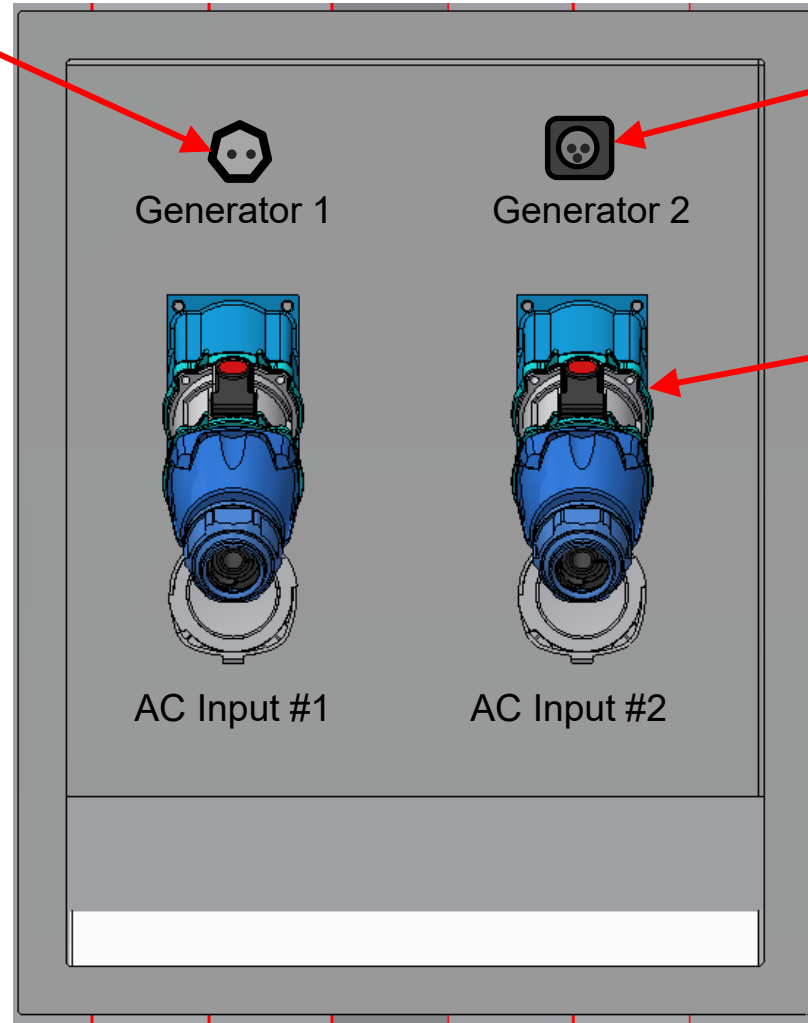


Mobile Shelter

Power Connector Panel

**Warning Light
Power Connector**

**Door Light
Power Connector**



**AC Power Input
Sockets**



Mobile Shelter

Rear View - Transport Configuration

Omnidirectional Antennas

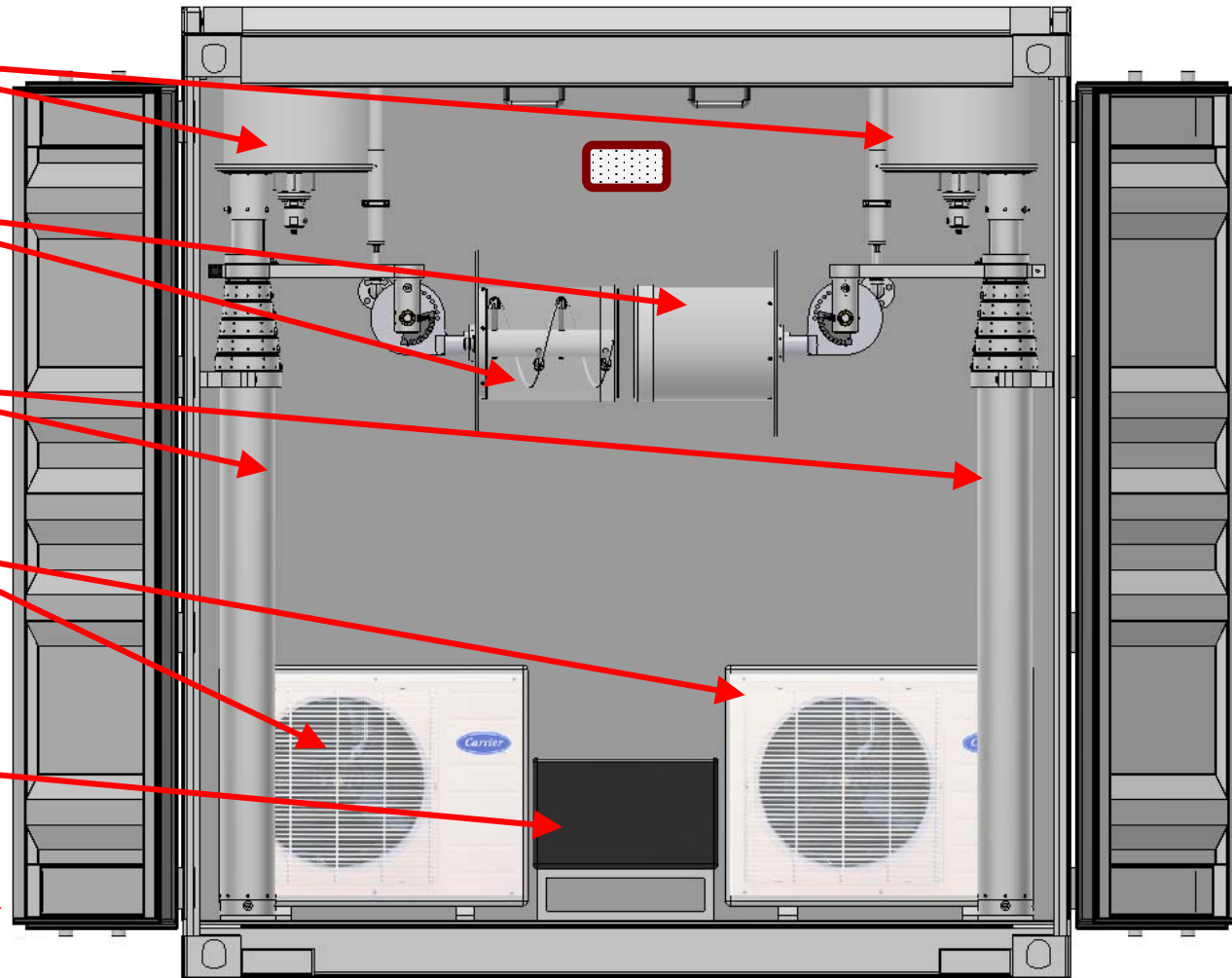
Directional Antennas

Telescoping Masts

Environmental Control Units (Outdoor Unit)

Pneumatic Pump

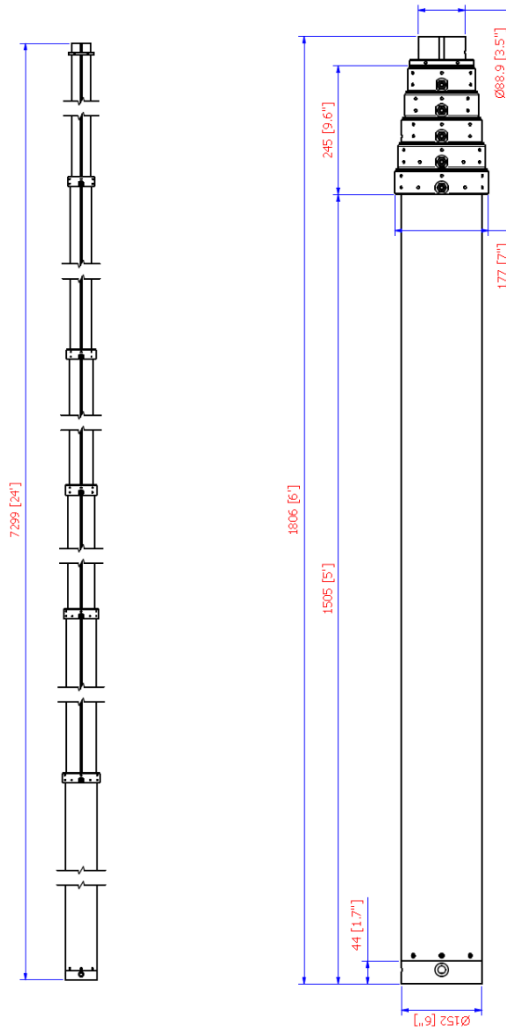
Double Swing Doors



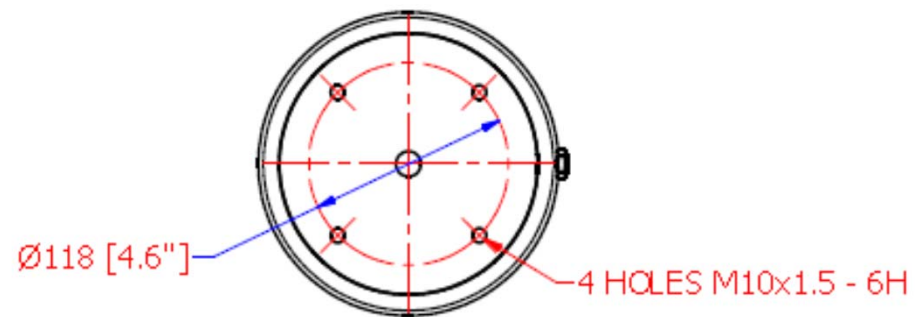


Mobile Shelter

Telescoping Pneumatic Masts



Extended Height:	7.62m
Retracted Height:	1.83m
Number of Sections:	6
Diameter of Top Section:	8.89cm
Diameter of Base Section:	15.24cm
Vertical Headload:	68.2kg
Max Wind Speed (Unguyed):	146 kmh
Max Wind Speed (Guyed):	193 kmh





Mobile Shelter

Carrier Model 42QT022713GE – Split Air Conditioners (Indoor & Outdoor Units)



Weight And Dimension

Product Indoor Unit Dimensions	31.50cm H x 103.48cm W x 21.79cm D
Product Indoor Unit Weight	12.3Kg
Product Outdoor Unit Dimensions	69.98cm H x 84.48cm W x 31.98cm D
Product Outdoor Unit Weight	44.8Kg



Mobile Shelter

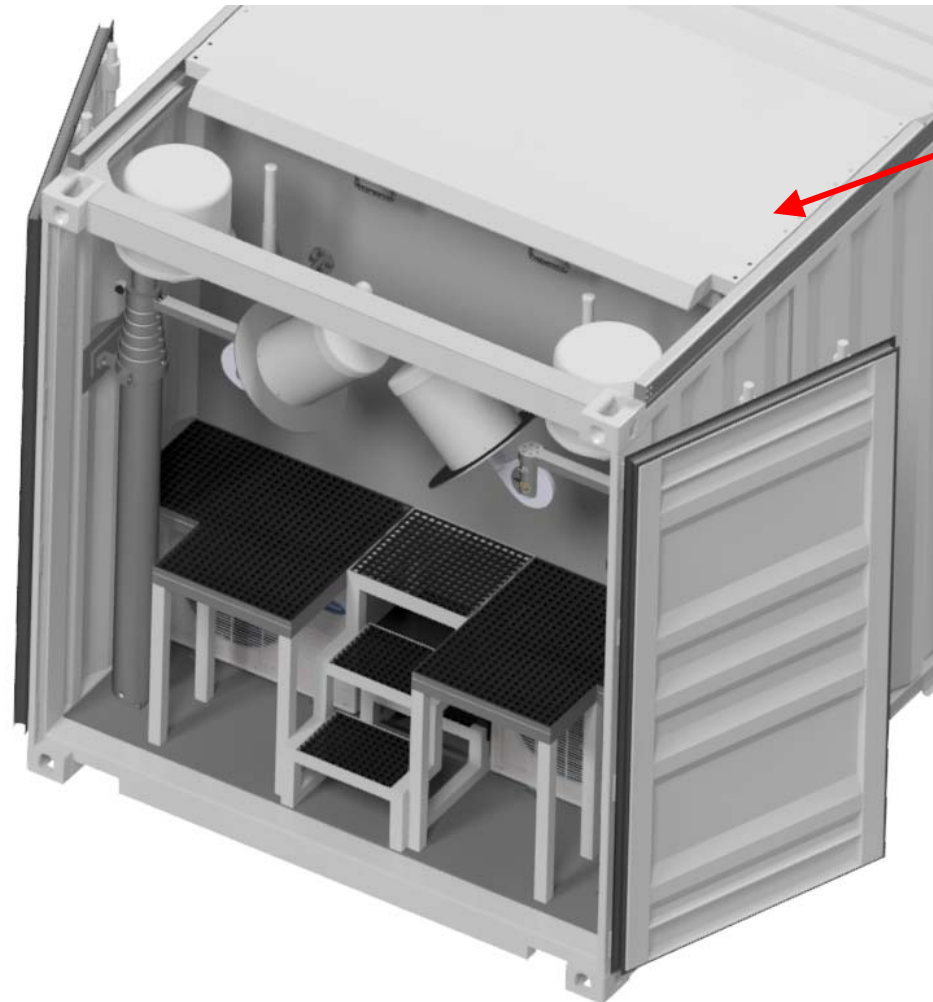
Carrier Model 42QT022713GE – Split Air Conditioners (Specifications)

Voltage and Frequency	220-240Volt, 50Hz, 1Ph
Cooling capacity	6400 Watts
Heating capacity	6700 Watts
Maximum Communication length	25m
Cooling power consumption	2130 W
Heating Power Consumption	2030 W
Airflow (Max.)	18.33 cu. m / min
Type of air conditioner	Split system
Type of indoor unit	Wall
Air conditioner operation mode	Cooling / heating
Operation Temperature	-10 ° C minimum
Body Color	White
Auto mode	Yes
Night Mode	Yes
Remote Control	Yes
Display	Yes
Filter	Carbon Filter
Refrigerant type	R410A
Noise Level (min/max)	34dB/47dB
Drainage Mode	up to 2.2 l / h



Mobile Shelter

Roof Opening & Closing

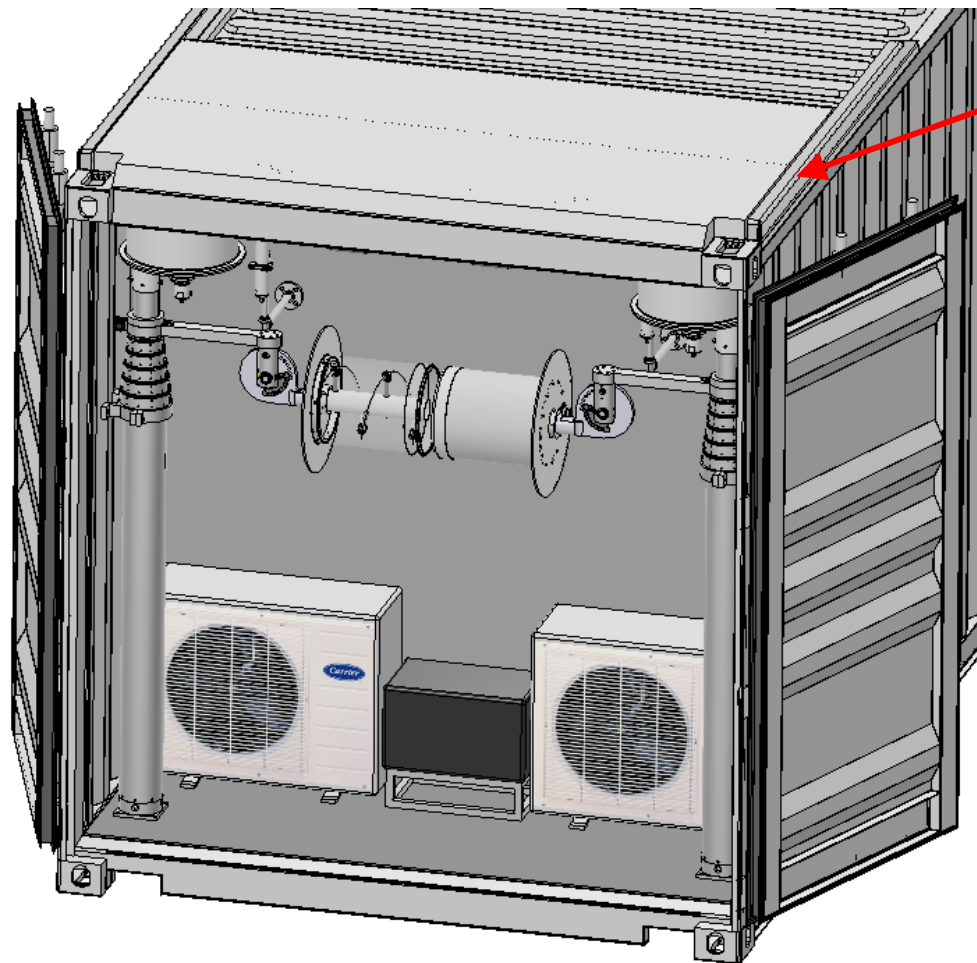


**Sliding shelter roof –
Open position**



Mobile Shelter

Roof Opening & Closing

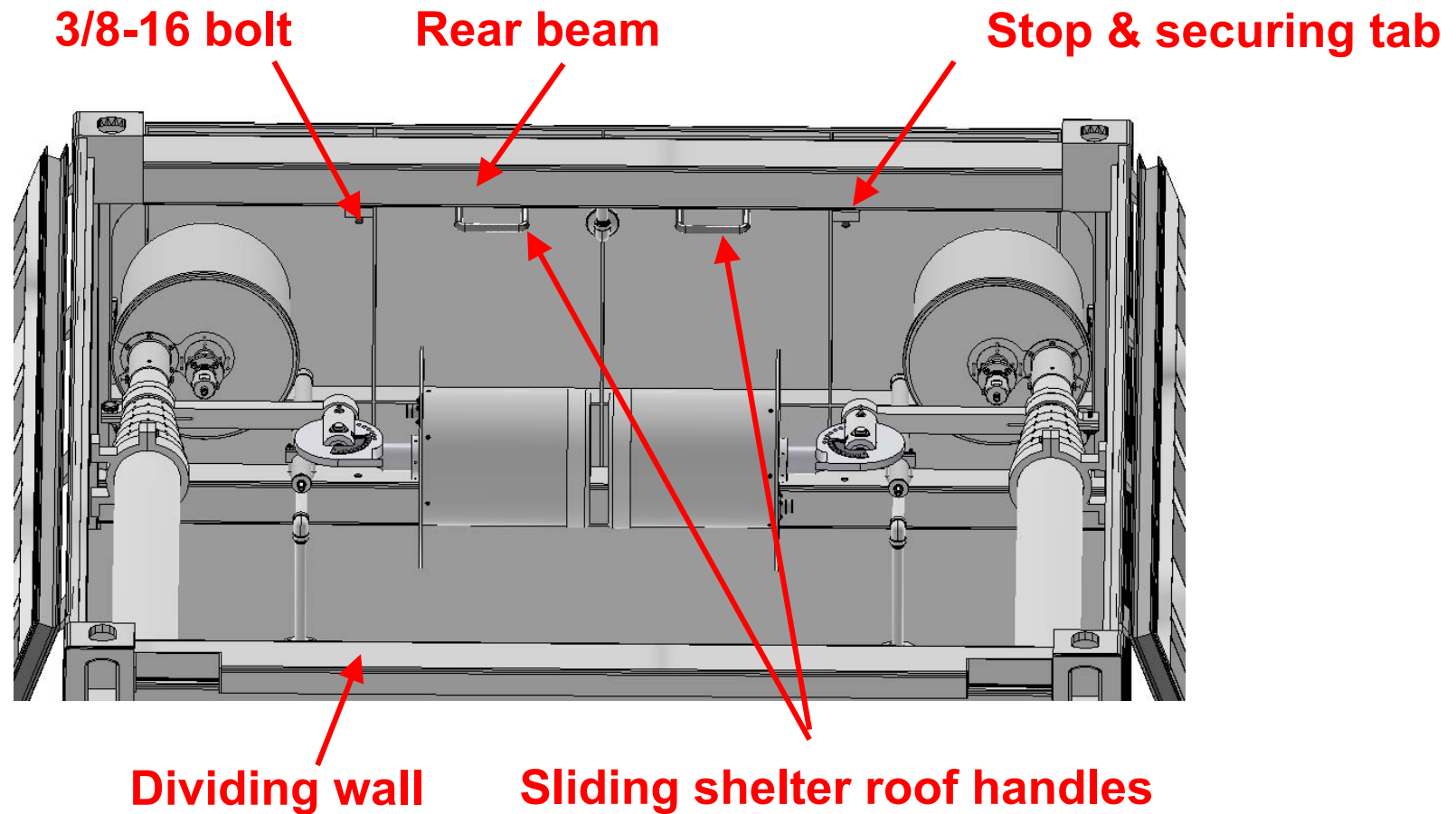


**Sliding shelter roof –
Closed position**



Mobile Shelter

Roof Opening & Closing





Mobile Shelter

Roof Opening & Closing

As shown on slide 171, located on the underside of the shelter's sliding roof are two (2) handles that are 50cm apart. These handles are to be used to open and close the sliding roof. Also attached to the underside of the roof are tabs that stop the roof, in either the open or closed position, before the handles reach the dividing wall or the rear beam. These tabs ensure that a person's hands are not injured when opening or closing the roof of the shelter by stopping the movement of the roof before the handles reach the dividing wall or the rear beam. The tabs also serve to secure the roof in place in either the open or closed position. Two (2) 3/8-16 bolts are used to secure the tabs to either the dividing wall (when the roof is open) or to the rear beam (when the roof is closed).