

# MISSION-READY, RIGID WALL SHELTERS

For Mobile or Semi-Permanent Operations



S-280 Mission-Ready Shelter



16' Mission-Ready Shelter



20' Mission-Ready Shelter

Mission-Ready Shelters are designed for mobile or semi-permanent operations. These shelters are composite based construction, completely equipped with power, I/O wire ways, ECU's, operator stations, all infrastructure required for austere military operations, and ideal for command, control, and communication (C3) applications. Designed to ISO 688, ASTM 1925 and ASTM 1975 standards provides transportability by land, sea or air with common military equipment and vehicles. Shelters are "rack ready" requiring nothing more than the specific mission 19" rack electronics or mast mounted antennas before deployment.

## KEY FEATURES

- Ideal for communications, COMSAT, surveillance, border protection missions
- Engineered to protect sensitive electronics during rough military transport utilizing common military equipment and vehicles
- "Rack-n-deploy" design provides ability to install mission electronics and deploy. No additional shelter integration or modifications required
- Versatility allows one shelter design to fulfill a wide range of missions, eliminating special shelter designs for each mission
- MIL-STD 810 rain tested, lifting jack provisions, storage and file cabinets, weapons rack, lighting including black out and emergency lights

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Ordering Information	16' Shelter	20' Shelter	S-280 Shelter		
HDT part number	500-0-431	500-0-500	500-0-476		
NSN	N/A	N/A	N/A		
On GSA Contract	N/A	N/A	N/A		
<b>Dimensions</b>					
L x W x H	16' x 8' x 8' 4.9 x 2.4 x 2.4 m	20' x 8' x 8' 6.1 x 2.4 x 2.4 m	12.3' x 7.2' x 7.3' 3.7 x 2.2 x 2.2 m		
Shelter	13' x 8' x 8' 4 x 2.4 x 2.4 m	16' x 8' x 8' 4.9 x 2.4 x 2.4 m	15.8' x 7.2' x 7.3' including ECU rack 4.8 x 2.2 x 2.2 m including ECU rack		
<b>Weight</b>	7,500 to 9,000 lbs* 3402 to 4082 kg	8,900 lbs 4037 kg	4,000 lbs 1814 kg		
<b>Operation Temperature</b>	-4°F to 131°F -20°C to 55°C	-4°F to 131°F -20°C to 55°C	-4°F to 131°F -20°C to 55°C		
<b>Integrated ECU</b>	<b>Dual 2 Ton</b>	<b>Dual 3 Ton</b>	<b>Dual 2 Ton</b>	<b>Dual 3 Ton</b>	<b>Dual 2 Ton</b>
Cooling capacity**	24,000 BTU/H 7.03 kW	39,000 BTU/H 11.4 kW	24,000 BTU/H 7.03 kW	39,000 BTU/H 11.4 kW	23,800 BTU/H 6.98 kW
Heating capacity	40,946 BTU/H (each) 12 kW (each)	47,770 BTU/H (each) 14 kW (each)	40,946 BTU/H (each) 12 kW (each)	47,770 BTU/H (each) 14 kW (each)	13,649 BTU/H (each) 4 kW (each)
Power	380V	380V, 3-phase, 50 Hz***	380V, 3-phase, 50 Hz	380V, 3-phase, 50 Hz***	208V, 3-phase, 60 Hz
Air flow		1500 CFM 2548.5 m3/h	800CFM 1359.2 m3/h	1500 CFM 2548.5 m3/h	936 CFM 1590.3 m3/h
<b>EMI Shielded Option</b>	60dB, 10 kHz to 10 GHz		60dB, 15 kHz to 10 GHz		60dB, 150 kHz to 10 GHz
<b>Transportation</b>	Air, ship, and trailer transport. Sling lift and fork lift capable.		Air, ship, and trailer transport. Sling lift and fork lift capable.		Air, ship, and trailer transport. Sling lift and fork lift capable.
<b>I/O distribution</b>	Internal cable wire ways external I/O waterfall panel		Internal cable wire ways external I/O waterfall panel		Internal cable wire ways external I/O waterfall panel
<b>Power</b>	63 amp main, EMI Filtered 3-phase distribution with 45 amps supplied to 19" racks.		63 amp main, EMI Filtered 3-phase distribution with 45 amps supplied to 19" racks.		63 amp main, EMI Filtered 3-phase distribution with 45 amps supplied to 19" racks.
<b>19" Rack options</b>	1 to 3 shock isolated racks		2 slide-forward, rear-access, shock isolated racks		2 slide-forward, rear-access, shock isolated racks
<b>Operator positions</b>	2 to 4 operator positions		2 to 4 operator positions		2 operator positions
<b>Optional mast</b>			Up to 10 meter mast		Up to 10 meter mast

\* Depending on rack configuration

\*\* At 131°F (55°C)

\*\*\* 60 Hz units available

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design. Please contact Customer Service at 800.969.8527 for the most up-to-date product information.

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