

ASF Shelters

army standard family shelters

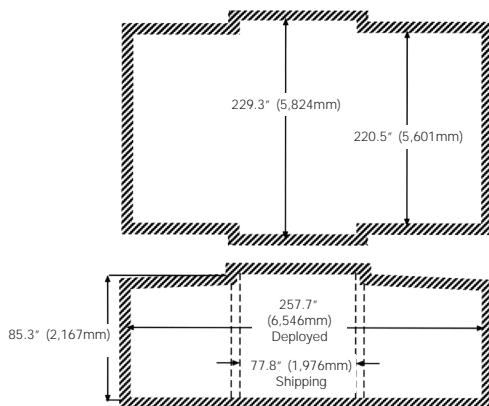


The Army Standard Family of shelters produced by General Dynamics Armament and Technical Products are constructed of aluminum-faced, nonmetallic honeycomb-sandwich panels, meeting the International Standards Organization cargo container specification.

Deployed worldwide in systems such as command centers, kitchens, maintenance shops, medical facilities and a wide range of other applications, ASF shelters have met or exceeded all performance expectations in a wide variety of environmental extremes.

The ASF shelters can be fitted with chemical and biological kits allowing for repeatable wash-down decontamination. System features, such as electronics and lighting, can also be imbedded within the composite panels, significantly reducing deployment time, while providing state-of-the-art system equipment.

Transportable by truck, helicopter, cargo aircraft, sea, rail and standard military mobilizers, more than 3,300 ASF shelters have been deployed worldwide with U.S. and foreign military services. ASF shelters can complex with other structures for ease of passage to other ASF configurations and systems such as the Modular Expandable Rigid Walled Shelters.



ASF Two-Side Expandable

Advantages of ASF Shelters

- Rigid, one-sided or two-sided expandable shelters
- ISO certified
- Easily complexed by a wide variety of vehicles
- CB seal kit for full agent and wash-down survivability
- Easily complexed with MERWS and ASF shelters

Specifications

Configuration	Non-Expandable	One-Side Expandable	Two-Side Expandable
Military specification	ASTM E1976-98	ASTM E1977-98	ASTM E1978-98
Dimensions: inches (mm)			
Exterior (shipping)	96Wx96Hx238.5L (2,438x2,438x6,058)	96Wx96Hx238.5 L (2,438x2,438x6,058)	96Wx96Hx238.5L (2,438x2,438x6,058)
Interior (shipping)	90.8Wx85.3Hx229.3L (2,306x2,167x5,824)	84.3Wx85.3Hx229.3L (2,141x2,167x5,824)	77.8Wx85.3Hx229.3L (1,976x2,167x5,824)
Interior (deployed)	90.8Wx85.3Hx229.3L (2,306x2,167x5,824)	174.2Wx85.3Hx229.3L (4,425x2,167x5,824)	257.7Wx85.3Hx229.3L (6,546x2,167x5,824)
Weight - pounds (kg)			
Tare	3,860 (1,751)	5,520 (2,504)	6,950 (3,152)
Payload	11,140 (5,053)	9480 (4,300)	8050 (3,651)
Volume (Ft³)			
Shipping	1,000	960	880
Deployed	1,000	1,900	2,800
Floor area (Ft²)			
Shipping	145	134	124
Deployed	145	272	400
Environmental			
	Rain	Up to 5 inches per hour	
	Temperature, storage	-70°F to +160°F	
	Temperature, operating	-65°F to +125°F	
	Humidity	Up to 100 percent	
	Snow and ice	40 psf	
	Wind	Up to 100 mph steady (120 mph [160 kph] gusts)	
Heat transfer coefficient (BTU/Hr-Ft ² -°F)	0.29	0.29	0.31

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GENERAL DYNAMICS

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