

HDT AIRBEAM® TEMPER SHELTERS

Air-Supported TEMPER Shelters



HDT's patented high-pressure AirBeam technology resists bending. Among the key advantages of AirBeam shelter systems are strength and durability, rapid deployment, and minimal manpower requirements. A small logistics chain and parts count also contribute to a low lifecycle cost for each unit. The durability of these shelters has been demonstrated in nearly 200 consecutive AirBeam shelter erection-strike cycles without incident.

The AirBeam series shelters are available in 21' (6.4 m) length and 32' (9.8 m) length models with identical 10" (25.4 cm) diameter, 20' (6.1 m) clear span AirBeam supports. AirBeam shelters offer an abrasion-resistant, water repellent and ultraviolet (UV) resistant cover assembly with integral floor, an integrated inflation system, external bracing, and stakes.

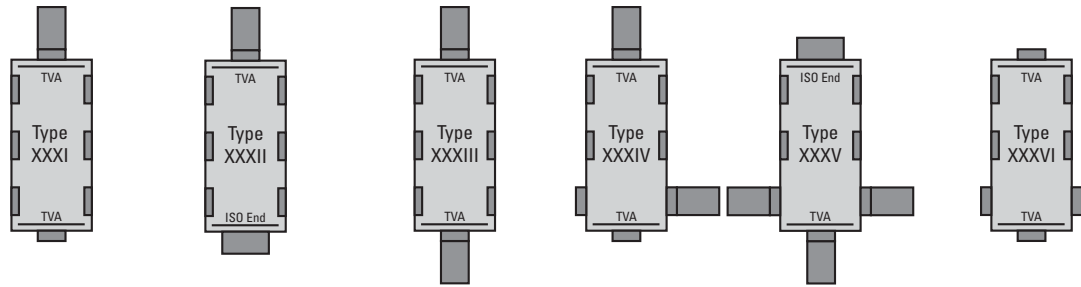
Standard features of the AirBeam shelter include environmental control unit (ECU) duct openings, a removable lightweight thermal liner with an air distribution plenum, and integrated hanging straps for lights and other accessories. Several window and door configurations are available, including end panel and side panel personnel doors, cargo doors, vehicle boot kits, TRICON/ISO container boot kits, and litter airlock interfaces. With the addition of an optional "complexing kit," AirBeam shelters can be complexed together; end-to-end, side-to-side or side-to-end.

To erect the AirBeam, the shelter is laid out and staked to the ground at just four anchor positions. The AirBeams are then inflated simultaneously using a commercial air compressor. Two people can deploy the shelter in less than ten minutes. The shelter is deployed and struck with the prepositioned inflation hoses.

HDT's AirBeam Shelters are the most advanced tactical shelters of their kind. Standard models range in size from 430 – 640 square feet (39.9 – 59.5 m²) and are offered in a variety of configurations. Their ease-of-use, rapid deployment, and strike-time capabilities meet or exceed all US Military requirements for a general-purpose field tent. Additionally, the US Army has selected the HDT AirBeam Shelter (Air Supported TEMPER Types) for Force Provider, their premier base camp.

KEY FEATURES

- Three (3) or four (4) AirBeams depending on length of shelter
- 20' (6.1 m) clear span
- Models with availables with multiple personal doors, vestibules, and boots to TRICON containers
- Compressor and repair kit must be ordered separately, except for stand alone shelters XLI-XLVII



AIR-SUPPORTED TEMPER SHELTER SPECIFICATIONS

Ordering Information	Type XXXI ¹	Type XXXII ¹	Type XXXIII ²	Type XXXIV ²	Type XXXV ³	Type XXXVI ⁴
Available colors						
Olive Drab						
HDT part number	V00-010-022	V00-010-024	V00-010-026	V00-010-028	V00-010-030	V00-010-032
NSN	8340-01-559-3852	8340-01-559-3851	8340-01-559-3856	8340-01-558-8698	8340-01-559-3855	8340-01-559-3858
US Army Contract*	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001
Tan						
HDT part number	V00-010-023	V00-010-025	V00-010-027	V00-010-029	V00-010-031	V00-010-033
NSN	8340-01-558-4701	8340-01-559-3853	8340-01-559-3854	8340-01-558-4699	8340-01-559-3859	8340-01-558-8699
US Army Contract*	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001
Interior dimensions						
Floor space	20' x 32'	20' x 32'	20' x 32'	20' x 32'	20' x 32'	20' x 32'
	6.1 x 9.8 m	6.1 x 9.8 m	6.1 x 9.8 m	6.1 x 9.8 m	6.1 x 9.8 m	6.1 x 9.8 m
Area	640 ft ²	640 ft ²	640 ft ²	640 ft ²	640 ft ²	640 ft ²
	59.5 m ²	59.5 m ²	59.5 m ²	59.5 m ²	59.5 m ²	59.5 m ²
Weight**						
Shelter	680 lbs	680 lbs	733 lbs	746 lbs	798 lbs	640 lbs
	308 kg	308 kg	332 kg	338 kg	362 kg	290 kg
Accessories	177 lbs	177 lbs	219 lbs	219 lbs	261 lbs	135 lbs
	80 kg	80 kg	99 kg	99 kg	118 kg	61 kg
Total Package	857 lbs	857 lbs	952 lbs	965 lbs	1,059 lbs	775 lbs
	389 kg	389 kg	432 kg	438 kg	480 kg	352 kg
Set-up***						
Time	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes
Personnel	2 each	2 each	2 each	2 each	2 each	2 each
Compressor	Not included	Not included	Not included	Not included	Not included	Not included

* US Army Natick Soldier Systems Center Contract #W58P05-08-D-0001

** Note: compressor and repair kit must be ordered separately. All weights and dimensions are approximate.

*** Shelter only, does not include setup time for vestibule(s).

1: Includes: EMI hardened lighting, purge vacuum, stake kit, and one (1) vestibule frame

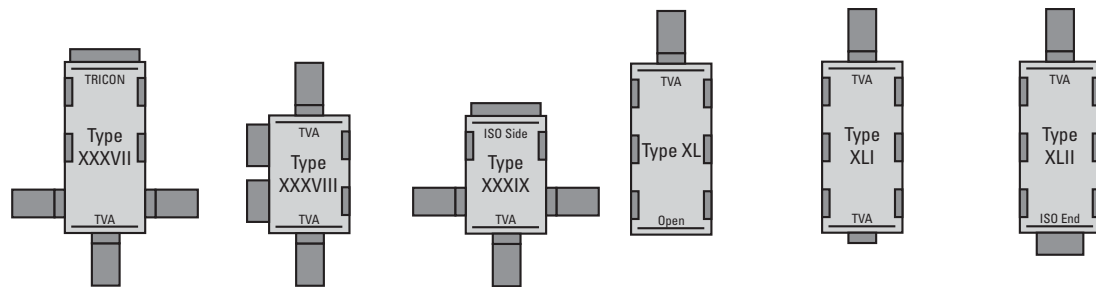
2: Includes: EMI hardened lighting, purge vacuum, stake kit, and two (2) vestibule frames

3: Includes: EMI hardened lighting, purge vacuum, stake kit, and three (3) vestibule frames

4: Includes: EMI hardened lighting, purge vacuum, and stake kit

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Ordering Information	Type XXXVII ³	Type XXXVIII ²	Type XXXIX ³	Type XL ¹	Type XLI ⁴	Type XLII ⁴
Available colors						
Olive Drab						
HDT part number	V00-010-034	V00-010-036	V00-010-038	V00-010-040	V00-010-042	V00-010-044
NSN	8340-01-558-8701	8340-01-558-8703	8340-01-558-8702	8340-01-558-8704	8340-01-558-8706	8340-01-558-8708
US Army Contract*	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001
Tan						
HDT part number	V00-010-035	V00-010-037	V00-010-039	V00-010-041	V00-010-043	V00-010-045
NSN	8340-01-558-4702	8340-01-558-4703	8340-01-558-4704	8340-01-558-8705	8340-01-558-8707	8340-01-558-8709
US Army Contract*	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001
Interior dimensions						
Floor space	20' x 32'	20' x 21.5'	20' x 21.5'	20' x 32'	20' x 32'	20' x 32'
	6.1 x 9.8 m	6.1 x 6.6 m	6.1 x 6.6 m	6.1 x 9.8 m	6.1 x 9.8 m	6.1 x 9.8 m
Area	640 ft ²	430 ft ²	430 ft ²	640 ft ²	640 ft ²	640 ft ²
	59.5 m ²	39.9 m ²	39.9 m ²	59.5 m ²	59.5 m ²	59.5 m ²
Weight**						
Shelter	798 lbs	573 lbs	637 lbs	646 lbs	680 lbs	679 lbs
	362 kg	260 kg	289 kg	293 kg	308 kg	307 kg
Accessories	261 lbs	205 lbs	247 lbs	177 lbs	297 lbs	298 lbs
	118 kg	93 kg	112 kg	80 kg	135 kg	135 kg
Total Package	1059 lbs	778 lbs	884 lbs	823 lbs	977 lbs	977 lbs
	480 kg	353 kg	401 kg	373 kg	443 kg	442 kg
Set-up***						
Time	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes
Personnel	2 each	2 each	2 each	2 each	2 each	2 each
Compressor	Not included	Not included	Not included	Not included	Included	Included

* US Army Natick Soldier Systems Center Contract #W58P05-08-D-0001

** Note: compressor and repair kit must be ordered separately. All weights and dimensions are approximate.

*** Shelter only, does not include setup time for vestibule(s).

1: Includes: EMI hardened lighting, purge vacuum, stake kit, and one (1) vestibule frame

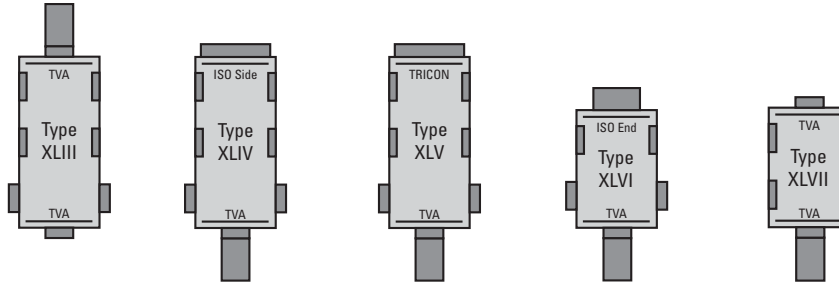
2: Includes: EMI hardened lighting, purge vacuum, stake kit, and two (2) vestibule frames

3: Includes: EMI hardened lighting, purge vacuum, stake kit, and three (3) vestibule frames

4: Includes: EMI hardened lighting, power distribution system, electric compressor, purge vacuum, stake kit, repair kit, and one (1) vestibule frame.

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AIR-SUPPORTED TEMPER SHELTER SPECIFICATIONS

Ordering Information	Type XLIII ⁴	Type XLIV ⁴	Type XLV ⁴	Type XLVI ⁴	Type XLVII ⁴
Available Colors					
Olive Drab					
HDT part number	V00-010-046	V00-010-048	V00-010-050	V00-010-052	V00-010-054
NSN	8340-01-558-8710	8340-01-558-9813	8340-01-558-8695	8340-01-558-9818	8340-01-558-8697
US Army Contract*	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001
Tan					
HDT part number	V00-010-047	V00-010-049	V00-010-051	V00-010-053	V00-010-055
NSN	8340-01-558-8711	8340-01-558-8712	8340-01-558-8694	8340-01-558-8693	8340-01-558-8696
US Army Contract*	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001	W58P05-08-D-0001
Interior dimensions					
Floor space	20' x 32' 6.1 x 9.8 m	20' x 32' 6.1 x 9.8 m	20' x 32' 6.1 x 9.8 m	20' x 21.5' 6.1 x 6.6 m	20' x 21.5' 6.1 x 6.6 m
Area	640 ft ² 59.5 m ²	640 ft ² 59.5 m ²	640 ft ² 59.5 m ²	430 ft ² 39.9 m ²	430 ft ² 39.9 m ²
Weight**					
Shelter	692 lbs 314 kg	692 lbs 314 kg	692 lbs 314 kg	530 lbs 240 kg	518 lbs 235 kg
Accessories	297 lbs 135 kg	297 lbs 135 kg	297 lbs 135 kg	283 lbs 128 kg	283 lbs 128 kg
Total Package	989 lbs 449 kg	989 lbs 449 kg	989 lbs 449 kg	813 lbs 369 kg	801 lbs 363 kg
Set-up***					
Time	10 minutes	10 minutes	10 minutes	10 minutes	10 minutes
Personnel	2 each	2 each	2 each	2 each	2 each
Compressor	Included	Included	Included	Included	Included

* US Army Natick Soldier Systems Center Contract #W58P05-08-D-0001

** Note: compressor and repair kit must be ordered separately. All weights and dimensions are approximate.

*** Shelter only, does not include setup time for vestibule(s).

1: Includes: EMI hardened lighting, purge vacuum, stake kit, and one (1) vestibule frame

2: Includes: EMI hardened lighting, purge vacuum, stake kit, and two (2) vestibule frames

3: Includes: EMI hardened lighting, purge vacuum, stake kit, and three (3) vestibule frames

4: Includes: EMI hardened lighting, power distribution system, electric compressor, purge vacuum, stake kit, repair kit, and one (1) vestibule frame.

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