

HDT SHADE FLY

Solutions for Energy Efficiency



HDT makes the most advanced expeditionary shelters that feature inherent energy efficient characteristics. The HDT Shade Fly provides an additional layer of solar protection reducing shelter interior temperatures, reducing temperature gradients and lowering fuel consumption associated with environmental control.

The Shade Fly is modular and can be scaled to fit various shelter models. Shock-cord poles made of 7075 aluminum for strength, durability and crush-resistance support the Shade Fly fabric. Each section of the pole is no more than 63" (160 cm) for easy storage and transportation. The universal fly design easily fits over HDT AirBeam®, Base-X® or DRASH® shelters as well as rigid wall shelters, vehicles, containers or areas to provide shade or act as a solar barrier.

Use of the Shade Fly with HDT Shelters has proved to reduce internal shelter temperatures 10 – 18°F (5.5 – 10°C), reducing the environmental control requirements and needed power supply. In moderate to hot conditions, the Shade Fly can either reduce ECU run times or decrease the number of required ECUs for the same level of comfort.



KEY FEATURES

- Lowers shelter interior temperatures 10 – 18°F (5.5 – 10°C) on non-ECU cooled shelters
- Lowers temperature gradients up to 63% in non-ECU cooled shelters
- Reduces ECU run time 20% – 70% (depending on ambient temperature)
- ECU-cooled shelters are up to 10.8°F (6°C) cooler when using the Shade Fly
- Available now for most AirBeam, Base-X and DRASH shelter models
- Extends shelter life
- Cost-effective way to reduce solar loading
- Lightweight, easy to install and affordable
- Shade Fly lays over shelter roof during setup to raise together

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SPECIFICATIONS

Ordering Information	Shade Fly 25	Shade Fly 35	Shade Fly 55	Vestibule
90% Mesh, Tan				
HDT PN	60303SF03TN	60305SF03TN	60307SF03TN	60TVSF03TN
90% Mesh, Olive Drab				
HDT PN	60303SF030D	60305SF030D	60307SF030D	60TVSF030D
Dimensions				
L x W x H	20' x 25' x 10' 6.1 x 7.6 x 3 m	20' x 35' x 10' 6.1 x 10.7 x 3 m	20' x 55' x 10' 6.1 x 16.8 x 3 m	6' x 10' x 10' 1.8 x 3 x 3 m
Package Size	67" x 26" x 18" 170.2 x 66 x 45.7 cm	67" x 28" x 20" 170.2 x 71.1 x 50.8 cm	67" x 30" x 22" 170.2 x 76.2 x 50.8 cm	20" x 20" x 2" 50.8 x 50.8 x 5.1 cm
Weight	180 lbs 82 kg	204 lbs 93 kg	269 lbs 122 kg	15 lbs 7 kg
Set Up				
Time	30 minutes	30 minutes	30 minutes	15 minutes
Personnel	4	6	8	2

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.

Shade Fly	AirBeam 2011	AirBeam 2021	AirBeam 2032	Base-X 203	Base-X 205	Base-X 303	Base-X 305	Base-X 307	DRASH C	DRASH S	DRASH 1-4XB	DRASH 4-5XB	DRASH 5-6XB	DRASH MX	DRASH MX5
25	✓			✓		✓				✓	✓	✓			
35		✓			✓		✓	✓						✓	
55			✓						✓				✓		✓

