

# SS-3000-Series

## Specifications

**3038-06**
**3045-06**

	6	7
<b>Arches</b>	6	7
<b>Floor Size W x L</b>	30 x 37.54 ft	30 x 44.75 ft
Interior, Clear Span	9.1 x 11.44 m	9.1 x 13.64 m
<b>Floor Area</b>	1126 sq. ft	1342 sq. ft
Interior, Clear Span	104.6 sq. m	124.7 sq. m
<b>Weight</b>	1040 lbs	1,250 lbs
Outer Skin & AirFrame	472 kg	567 kg
<b>Packaged Dimensions</b>		
Palletized, L x W x H	88 x 72 x 36	88 x 72 x 48
<b>Packaged Volume</b>		
(OS, AF, & IS)	132 cu. ft	175 cu. ft
	3.74 cu. m	4.96 cu. m
<b>Set-Up (Undercanopy)</b>		
Time (min) / Personnel	21 / 4	24 / 4
<b>Set-Up (Full Load Cap.)</b>		
Time (min) / Personnel / Compressor (min)	40 / 4 / 163	45 / 4 / 190
<b>Strike</b>		
Time (min) / Personnel	40 / 6	40 / 7
<b>Weight</b>		
OS, AirFrame, and IS	1270 lbs	1500 lbs
	576 kg	680 kg

OS = Outer Skin or Cover

AF = AirFrame

IS = Inner Skin or Liner

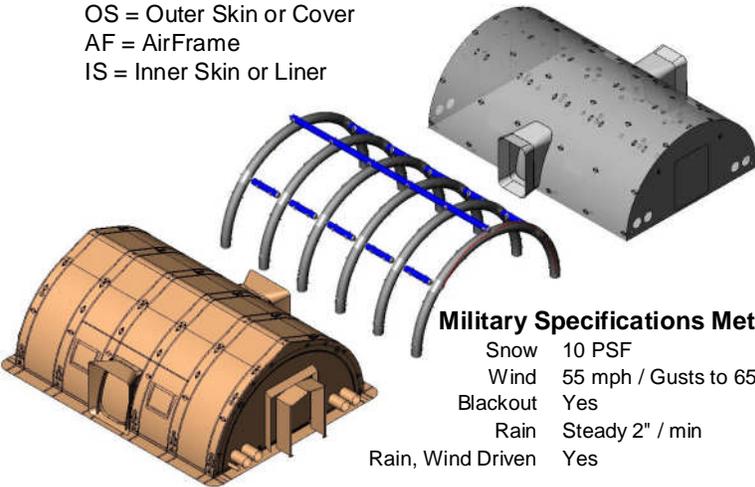


### Basic Model Includes

<b>AirFrame</b>	Arches - Number is dependent on the length of the shelter. Ridge Purlin - 1, Purlins (Model Dependent)
<b>Outer Skin (Cover)</b>	Includes 2 Personnel Doors with rain flaps Anchor Tie down points, Sandbag Flaps Removable Floor, Solar Shade Ready
<b>Inflation Manifold</b>	Two Manifolds, using one inch ID hose with appropriate connections for the particular AF needed.

### Available Upgrades from Basic Model

<b>Windows</b>	Several window size options are available.
<b>Additional Doors</b>	Man doors, 80"x 84", CARGO, and Full Span.
<b>Removable Ends</b>	Can be optioned.
<b>Utility Ports</b>	ECU Ports are typically 16" diameter Electrical Wire ports are 5" diameter
<b>Anchoring Kits</b>	Standard kit for Class 1, 2, and 3 Soils includes: 12" and 18" long Tent Pins. Class 4 Soil Anchor Kit includes: 18" and 24" Ground Penetrators. Asphalt Anchor Kit includes: 12" and 18" long Tent Pins, Asphalt Repair plugs.



### Military Specifications Met

Snow	10 PSF
Wind	55 mph / Gusts to 65
Blackout	Yes
Rain	Steady 2" / min
Rain, Wind Driven	Yes

### Available Accessories

<b>Connectors</b>	Full Span Width (End to End) Door to Door (End-End, Side-Side, End-Side)
<b>Inflator</b>	Blower / Compressor Dual Inflation Unit Several Voltage Options Available BL-260-BCHP-110160
<b>Inner Skin (Liner)</b>	HDPE, Light weight fabric to match Outer Skin configuration. Includes Light, ECU Plenum, and 100 Lb Hangers, R-value 2
<b>CB Inner Skin</b>	M-28 Type Liner to match Outer Skin configuration. Includes Light, ECU Plenum, and 100 Lb Hangers, R-value 2
<b>Insulation Layer</b>	Single Bubble, Foil / White 5/32" Thick Insulation layer. Increases Insulation value and yields 97% Infrared Reflectance Net R-value - TBD
<b>Insulation Liner</b>	Multi-Layered Insulation, with I.R. reflective layer. Available in the near future. Expected R-value 6-10.
<b>Solar Shade Kits</b>	Solar Shade Knitted Canopy Solar Purlin Beams Manifold needed to inflate Solar Purlin beams. Greatly reduces Solar Incident Load.
<b>Hard Flooring</b>	Several Hard Floor options are available.
<b>Flexible Photovoltaic Panels Compatible</b>	Photovoltaic Panels may be connected to both the Outer Skin or Solar Shade
<b>ECU's</b>	Environmental Control Units
<b>HVAC Plenums</b>	Feed and Return Plenums are available.
<b>Light Kits</b>	Several Light Kit Options are available.



<b>PRODUCT DATA SHEET</b>		<b>CONTRACTOR NAME:FEDERAL FABRICS AND FIBERS, (3F)</b>	
<b>1.PART NUMBER:SS-3045-10-RP</b>		<b>2.NSN</b>	
<b>3.NAME:SOFT SHELTER, 3045</b>	<b>4.TYPE:AIRBEAM TENT</b>		<b>5.CLASS:AIRBEAM</b>
<b>6.COLOR:GREEN - 1 / TAN - 2</b>	<b>7. Support System:AIRBEAM/AIRFRAME</b>		<b>8.SERIES:3000</b>
<b>9. INTENDED USE:GENERAL PURPOSE, COMMAND POST, MAINTENANCE, HOSPITAL, BILLETING</b>			
<b>10.DIMENSIONS (IN FEET AND INCHES)</b>	<b>LENGTH:45'</b>	<b>WIDTH:30'</b>	<b>HEIGHT: RIDGE / EAVE 15.29'</b>
<b>11.DIMENSIONS (EXTERNAL GUYED)</b>	<b>LENGTH:68.75'</b>	<b>WIDTH:45'</b>	
<b>12.SQUARE FEET INTERIOR:1342 SQ.FT.</b>			
<b>13.WEIGHT:1500 (POUNDS, UNPACKAGED)</b>		<b>14.WEIGHT:1535 (POUNDS, PACKAGED)</b>	<b>15.SHIPPING CUBE:175 CU. FT. (PACKAGED)</b>
<b>16SHIPPING CONTAINER</b>	<b>LENGTH:88"</b>	<b>WIDTH:72"</b>	<b>HEIGHT:54"</b>
<b>17.SET-UP TIME / NUMBER OF PERSONS:24 / 4</b>		<b>18.STRIKE TIME / NUMBER OF PERSONS:40 / 7</b>	
<b>19.PARTS INCLUDED:AIRFRAME AF-3045-10-RP, OUTSIDE SKIN COVER OS-3045-10-RP</b>			
<b>20.DESCRPTION: AIRBEAM SUPPORTED SOFT SHELTER, 30' WIDE X 45' LONG</b>			
<b>21. SUPPORT EQUIPMENT:</b>	<b>PART NUMBER Or NSN</b>	<b>Included or Optional</b>	<b>DESCRIPTION</b>
<b>LIGHT SET Product Data Sheet</b>			
<b>ELECTRICAL OUTLET SET Product Data Sheet</b>			
<b>FLOORING</b>			