



TIGER PERFORMANCE

Emergency Breathing Systems SBA 3000 & 4500



TIGER Survival Breathing Air (SBA) Systems
Office: 1-716-674-8545 | www.tigerperformance.com



SERIES 3000 SURVIVAL BREATHING AIR SYSTEMS, SBA

The Series 3000 SBA Systems are lightweight, compact and are specifically designed for emergency bail out breathing for all Aviation, Marine or Land Crew members or land operations near water hazards. Available with 1.5 cu. ft., 2.0 cu. ft., 2.5 cu. ft or 6.0 cu. ft. 3000 PSI Aluminum Cylinders. The CU2 Universal Left or Right Hand Second Stage Regulator is compact and includes a flat hard purge cover. Available in stealth black with matching mouth piece cover. Second stage hoses are small diameter, flexible with stealth black hardware and include 90° swivel banjo fitting and available in three lengths - 20", 27" or 36".

SBA Series 3000 CU2 with COMPACT SECOND STAGE REGULATOR



1.5 cu. ft.

2.0 cu. ft.

2.5 cu. ft.

6.0 cu. ft.

SBA Series 3000 QUICK DISCONNECT with AIR NIPPLE

The Quick Disconnect "SBA" Series 3000 Kits include lightweight and compact assembly components. Features include 1st stage regulator, stealth black components, 3000 PSI 1.5 cu. ft., 2.0 cu. ft., 2.5 cu. ft or 6.0 cu. ft. aluminum cylinders, high pressure gauge, stainless steel male air nipple, 2 port swivel adapter and optional refill adapters.





SERIES 4500 SURVIVAL BREATHING AIR SYSTEMS, SBA

The Series 4500 SBA Composite Bottle System provides 30% more breathing capacity than the 3000 PSI Aluminum bottle systems, are ultra-lightweight, compact and are specifically designed for emergency bail out breathing for all Aviation, Marine or Land Crew members or land operations near water hazards. Available in 2.6 cu. ft. 4500 PSI Composite Cylinders. The CU2 Universal Left or Right Hand Second Stage Regulator is compact and includes a flat hard purge cover. Available in stealth black with matching mouth piece cover. Second stage hoses are small diameter, flexible with stealth black hardware and include 90° swivel banjo fitting and avail-able in three lengths - 20", 27" or 36".

The Plug-in Quick Disconnect Series 4500 SBA Kit includes ultra-lightweight and compact assembly components. Features include 1st stage regulator, stealth black components, 4500 PSI 2.6 Composite Cylinder, high pressure gauge, stainless steel male air nipple, 2 port swivel adapter and optional refill adapters.

SBA Series 4500 CU2 with COMPACT SECOND STAGE REGULATOR



2.6 cu. ft.

SBA Series 4500 QUICK DISCONNECT with AIR NIPPLE



2.6 cu. ft.

**Composite Systems are currently special order. Call for Availability*

SURVIVAL BREATHING AIR SYSTEMS Bottle Sizes and Accessories



CU2
Second Stage
Octopus with
90° swivel Banjo
hose



DIN
Cylinder
Fill
Adapter



SBA Hose retention
clip with second
stage mouthpiece
cover and lanyard



Parachute Knife
with lanyard



Duty Belt for Leg Holster



**Leg
Holster**



TIGER
Padded
CU2 Molle
Vest



**Bolt-in
Cockpit
Holster**



TIGER PERFORMANCE PRODUCTS

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Technical Specifications	SBA-4500		SBA-3000		
	Cylinder Filling Capacity	2.58 cu. ft. 73.02L	1.5 cu. ft. 42.5L	2.0 cu. ft. 56.6L	2.5 cu. Ft 70.8L
Cylinder Minimum Water Volume	15 cu. in., .25L	13 cu. in., .21L	17.8 cu. in. .29L	22.3 cu. In .37L.	52 cu. in. .85L
Length (Cylinder Only)	8.71 in. 22.1 cm.	7.325 in. 25.29 cm.	9.25 in. 23.5 cm.	11.38 in. 28.9 cm.	13.8 in. 35.1 cm.
SBA System Overall Length	11.34 in. 28.8 cm.	9.95 in. 25.273 cm.	11.875 in. 30.16 cm.	14.00 in. 35.56 cm.	16.43 in. 41.73 cm.
Cylinder Diameter	1.99 in. 5.055 cm.				3.2 in. 8.128 cm.
Service Pressure	4500 PSI 310 BAR	3000 PSI 207 BAR			
Cylinder Material	Aluminum Liner, wrapped carbon/glass, epoxy resin		Aluminum		
Flex Hose 90° Swivel, Small Diameter	20", 27" & 36", 51cm,65.5cm & 91.5cm		*Custom Length Flex Hose Available for all Systems		
First Stage Regulator	Compact Anodized Aluminum				
Second Stage Regulator CU2	Compact Universal, CU2				
Pressure Gauge	5000 PSI, 345 BAR		3000 PSI, 207 BAR		
On /Off Knob	Red Off Indicator				
Burst Disk Capacity	7250 PSI 500 BAR		5000 PSI 345 BAR		
System Weight	1.5 lb. .68 kg.	1.78 lb. .80 kg.	1.95 lb. .88 kg.	2.10 lb. .95 kg.	3.8 lb. 1.72 kg.
**Breathing Duration	31 Breaths	18 Breaths	24 Breaths	30 Breaths	72 Breaths

**The SBA Series-4500 and SBA Series-3000 Systems Breathing Duration is based on an average breath volume of 1.5 liters, at a breathing rate of 10 breaths per minute at a starting pressure of 4500 or 3000 PSI.

Note: The Series-4500 and Series-3000 SBA Systems are also available with a Quick Disconnect 360° Swivel Male Air Nipple for special applications.