



Offshore/Open Ocean



All seams radio-frequency (RF) welded  
Inflatable buoyancy chamber, full length



## AIRBOOM SCS 18/24

### Pressure Inflatable Boom

AirBoom SCS (single chamber, solid floatation), is a pressure inflatable boom which uses air for buoyancy. Each AirBoom SCS section length (typically 25 m) consists of a single air inflated chamber which has internal foam to offer the performance characteristics of an inflatable boom with the reliability of a foam filled boom. Our most popular inflatable boom design.

Booms can be inflated using handheld or backpack inflation blowers, or with integrated hydraulic blowers (stand alone or mounted on a boom storage and deployment reel.)

- Available in a wide range of heavy-duty PVC and urethane coated fabrics
- Multiple chamber design for utmost reliability. Segmented chambers ensure boom continues to float in the event of damage
- High flow check valves for rapid inflation and deflation
- Ultra compact storage on boom reels or storage pallets
- Corrosion resistant ASTM style marine grade aluminum connectors • Heavy duty galvanized steel ballast chain
- Heavy duty galvanized steel ballast chain

## AIRBOOM SCS 18/24

	Imperial	Metric
<b>Boom Height</b>	42 in	1067 mm
<b>Air Chamber Diameter</b>	18 in	457 mm
<b>Draft</b>	24 in	610 mm
<b>Standard Length</b>	82 ft	25 m
<b>Fabric Weight</b>	22 oz/yd <sup>2</sup>	750 g/m <sup>2</sup>
<b>Fabric</b>	PVC coated Polyester	
<b>Color</b>	Orange standard, others available	
<b>Boom Weight</b>	2.9 lbs/ft	4.3 kg/m
<b>Buoyancy/Weight Ratio</b>	38:1	
<b>Internal Air Chamber Length</b>	82 ft	25m
<b>Inflation Valve</b>	Monsun Inflation/Deflation (2 per boom)	
<b>Pressure Relief</b>	Leaffield A6 (1 per boom)	
<b>Secondary Buoyancy</b>	Internal, closed cell PE foam for positive buoyancy at all times	
<b>End Connectors</b>	ASTM F962-99 extruded marine grade aluminum connector	
<b>Connector Attachment</b>	Boltless, even stress distribution	
<b>Toggle Pins</b>	3/8" (9.5 mm) stainless steel, spring loaded with lanyard	
<b>Ballast</b>	Grade 30, hot dipped galvanized steel chain	
<b>Ballast Size</b>	3/8 in	10 mm
<b>Ballast Weight</b>	1.21 lbs/ft	1.8 kg/m
<b>Chain Pocket</b>	Fully enclosed, single layer	
<b>Drain Holes</b>	every 10 feet	every 3 m