



AirBoom SC

(Single Chamber)

Application Guide

AirBoom SC (Single Chamber) is an excellent option for areas where conditions (frequent use, limited manpower, etc.) dictate the use of a reelable boom. Perfect for storage on elevated docks at marine terminals or as a readily transportable response package when stored on trailer mounted boom reels.

Can be inflated with high volume, low pressure backpack inflators, or integrated reel mounted hydraulic blower.

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Canadyne **AirBoom SC** is an economical inflatable boom suitable for a wide range of marine environments. The entire boom chamber is inflated quickly and easily from either end. Storage on boom reels allows for easy deployment, retrieval and transportation.

Features and Benefits:

- ◆ **Economical**, simple design. All fabric seams are thermally welded to ensure air tight construction.
- ◆ **High flow check valves** for rapid inflation and deflation.
- ◆ Wide range of sizes and fabric choices to suit any application or budget.
- ◆ **Single Chamber** design for fast, simple, effective deployment.
- ◆ Ultra compact storage on boom reels or folded onto storage pallets.
- ◆ **ASTM** or **Universal Slide** style marine grade aluminum boom connectors to mate with existing equipment inventories.

"The right solution... the first time"

Canadyne AirBoom SC Data Sheet



High buoyancy ensures AirBoom is suitable for use in a wide range of conditions, including open waters



AirBoom has very compact storage dimensions, especially when stored on powered boom reels.



AirBoom inflated using backpack air blowers. High flow Monsun valves provide for rapid inflation/deflation.

| | AirBoom SC 8/16 | AirBoom SC 12/18 | AirBoom SC 18/24 |
|-------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Part Number | 10245 | 10221 | 10305 |
| Overall Height | 24 in (610 mm) | 30 in (762 mm) | 42 in (1067 mm) |
| Freeboard | 8 in (203 mm) | 12 in (305 mm) | 18 in (457 mm) |
| Draft | 16 in (407 mm) | 18 in (457 mm) | 24 in (610 mm) |
| Section Length | 82 ft (25 m) | 82 ft (25 m) | 82 ft (25 m) |
| Fabric weight and type | 22 oz/yd ² (750gsm) PVC | 22 oz/yd ² (750gsm) PVC | 22 oz/yd ² (750gsm) PVC |
| Ballast Chain Size | 5/16 in (8.3mm) | 5/16 in (8.3mm) | 3/8 in (10 mm) |
| Boom Weight | 1.7 lbs/ft (2.5 kg/m) | 1.9 lbs/ft (2.8 kg/m) | 2.8 lbs/ft (4.2 kg/m) |

Standard Features

- High quality 22 oz/yd² (750 gsm) PVC fabric
- All seams radio-frequency (RF) welded
- Marine grade extruded aluminum ASTM style end connectors
- 82 foot (25m) section length
- Inflatable buoyancy chamber, full length
- Monsun XII inflation/deflation valve at each end
- Pressure relief valve
- Black webbing handles at connectors, (additional handles optional)
- Hot dipped galvanized ballast chain in fully enclosed pocket with drain holes
- Stainless steel hardware / fasteners
- Anchor points at midpoint and each end
- Full factory support for spares, repairs and technical assistance

Optional Features

- Upgrade to heavier 28 oz/yd² (950 gsm) PVC or to a polyurethane fabric for increased abrasion resistance
- Universal-type or Shotgun-type aluminum end connectors
- Custom sizes, section lengths
- Custom screening of client name, logo or identifying marks

Recommended Accessories

- Inflation blowers
- Towing Bridle and Tow Line
- Anchor Assembly systems

Storage Options

- Boom reels, storage/deployment containers, trailers

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