



RiverBoom

Application Guide

The **RiverBoom** is designed specifically for use in flowing waters. Spill situations in rivers or flowing tidal waters require special attention. RiverBoom is designed to offer optimum stability, strength and ease of handling necessary in such conditions.

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The **RiverBoom** is a high tensile, shallow draft boom ideally suited for spill response operations in flowing waters. Use in deflection mode in high currents to bring oil to shore for skimming/removal. Above photo shows boom deployed in a 5 knot (8.5 km/h) current.

Features and Benefits:

- ◆ **Solid foam buoyancy** for utmost reliability.
- ◆ Available with 2.5 ft (0.75m), 5 ft (1.5m) or 10 ft (3m) fold points.
- ◆ **Shallow draft** to minimize loss of oil by entrainment.
- ◆ Aircraft cable upper tension member and heavy ballast chain provide **excellent stability** and **outstanding tensile strength**.
- ◆ Wide range of **PVC and Urethane fabrics** available.
- ◆ **ASTM** or **Universal** style marine grade aluminum boom connectors to mate with existing equipment inventories.

"The right solution... the first time"

Canadyne RiverBoom Data Sheet



Upper and lower tension members provide excellent stability in high currents

	RiverBoom 6/6	RiverBoom 6/12	RiverBoom 6/6 HC
Part Number	10174	10175	10274
Overall Height	13 in (330 mm)	19 in (482 mm)	13 in (330 mm)
Freeboard	6 in (152 mm)	6 in (152 mm)	6 in (152 mm)
Draft	7 in (178 mm)	13 in (330 mm)	7 in (178 mm)
Section Length	50 feet (15.25 m)	50 feet (15.25 m)	50 feet (15.25 m)
Top Tension Cable	1/4 in (6.3 mm)	1/4 in (6.3 mm)	1/4 in (6.3 mm)
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)	2.2 lbs/ft (3.3 kg/m)



Upper and lower cable loops for anchoring in high currents (standard on RiverBoom HC models)



RiverBoom deployed in deflection mode to guide oil to skimmer

Standard Features

- 22 oz/yd² (750 gsm) heavy-duty PVC-coated polyester fabric, bright orange
- All seams radio-frequency (RF) welded
- Marine grade extruded aluminum ASTM style end connectors
- 50 foot (15.25m) section length
- Solid, closed-cell, cylindrical polyethylene (PE) foam flotation
- High tensile strength with upper and lower tensile members
- Black webbing handles at connectors, (additional handles optional)
- HC (High-Current) models fitted with heavier ballast chain and bridle attachment points (cable loops), top and bottom between every pair of floats
- 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

- Towing Bridle and Tow Line
- Anchor Assembly systems

Storage Options

- Boom reels, storage/deployment containers, trailers

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