CETIG Technology Investment Holding (Qingdao) Group Co., Ltd.

Self-Righting Rescue Boat

Model: HXY-ZF-01 | Brand: CETIG 华巽云



Overview

Self-Righting Rescue Boat · HXY-ZF-01

CETIG Technology Investment Holding (Qingdao) Group Co., Ltd.
+86 532 8412 3835 (Mon–Sat 08:00–17:30 CST) | huaxunyun2021@163.com | No. 1000 Haijun Road, Huangdao District, Qingdao, Shandong, China
www.cetig.cn

Specifications apply to the delivered product version and may change without notice.

Technical Specifications

The Self-Righting Rescue Boat is part of CETIG's product range, developed for demanding water-rescue and maritime safety operations. Key technical data are listed below.

Specifications

10–12 independent air chambers, each with its own inflation valve.	
Self-righting function:after a manual 90° capsize and release,self-righting whitewater rescue boatreturns automatically to upright,crew remain safe,all functions remain operational after self-righting。	
Capacity 10–12 persons; maximum speed 50–65 km/h.	
Propulsion: propeller-driven	
Self-rights and powers normally regardless of deployment orientation。	
Dimensions	L × W × H: 4.6 × 2.3 × 2.2 m
Housing material	PVC-coated
Total weight	155 kg (5 kg), excluding outboard motor
Range (m)	≥80km
Outboard motor power	60HP
Maximum speed > 50–65 km/h	
Passenger capacity	Capacity > 10–12 persons
> 9 independent hull chambers, > 2 independent floor chambers	
Self-righting function keeps the crew safe and all vessel functions operational.	
Designed to carry personnel and equipment in whitewater, heavy surf and low-head dams, inflatable, foldable structure for easy transport	
Triangular rescue boat design, wide beam, twin pressurised side tubes。multi-layer reinforced composite hull:rigid inner layer。	
Reinforced abrasion-resistant armour strips on the hull bottom。One-piece hull design, multi-layer reinforced seams, two self-righting columns can be deflated independently, to reduce overall height, twin pressurised tubes on both sideshullextra abrasion reinforcement on top	
Detachable hull bottom, hull bottomintegrated spray rails on both sidesdouble-layer overlapping drop-stitch air floor;Rubber-coated hull fabric: warp tensile strength 86.0 kN/m。weft tensile strength 61.5 kN/m 。 warp trapezoidal tear strength 418 N 。	
The stern recesses the outboard motor into the hull; the seat beam and transom are integrated and seawater-corrosion resistant.10 independent air chambers, each with its own inflation valve, Hull length≥4.6m; hull width≥2.3m; hull height2.2.m	
Inflation device	Standard foot pump; 220 V and 12 V inflation also available.
High-altitude rescue	Two adults standing on the upturned boat cause no visible deformation

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Reflective markings around the hull,grab handles and straps around the hull

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