

ERB 400

Emergency Response Boat

The Zodiac Milpro ERB range has been specifically designed to meet the demanding requirements of Search & Rescue Organisations throughout the World.

Our ERB crafts are highly portable, compact packed size and can be rapidly deployed by means of high pressure inflation systems, within minutes.

These specific features, together with the expertise of Zodiac Milpro, make the ERB range the ideal partner when quality of design and manufacture count.

Zodiac Milpro is proposing the ERB range with High pressure air HPP, roll-up or rigid floorboard option.



PART NUMBERS

NATO STOCK NUMBER 1940-14-563-7989

Manufacturer Part Number Z85048 - ERB 400 HPP
Z85051 - ERB 400 ROLL UP
Z85054 - ERB 400 RIGID

DIMENSIONS - Inflated

LENGTH - Overall Inflated 4.10 m

LENGTH - Internal, from inner collar vertical at bow to transom 2.80 m

WIDTH - Overall Inflated 1.90 m

WIDTH - Internal, from inner collar verticals 0.88 m

HEIGHT - from keel to top of the collar at bow 0.83 m

SURFACE - Gross usable internal area 2.26 m²

SURFACE - Net usable floor area 2.26 m²

DIMENSIONS - Stored

Stored dimensions Rolled without floor : 160 x 75 x 45 cm

Shipping dimensions - Shipping box 140 x 68 x 49 cm

WEIGHTS

Weight - without floor (without engine) 56 kg

Weight of the rigid floor 43 kg

Weight of the roll up floor 30 kg

Weight of the HPP floor 12.6 kg

Gross shipping weight - with wooden box (without engine) 115 kg

DESIGN & CAPACITY

Compatible floor type Roll up
HPP
Rigid

Design category (EC 2013-53) C

Max. number of persons (ISO 6185) 8

Total buoyancy volume 1.42 m³

Payload (ISO 14945) Rigid floor: 820 kg
Roll-up floor: 845 kg

Maximum Displacement (Mldc) 1002 kg

MAIN TUBE Specificities

Fabric	Duratane 1100dtx (CSM/Neo) RED
Main tube diameter	0.51 m
Main tube volume	1.35 m3
Number of compartments	4
Valve system	MILPRO Intercommunication valves: 2 MIRADA Overpressure valves: 2 CO2 fast inflation points: 2
Inflation pressure	240 mbar
Tube accessories	Paddle telescopic: 2 Peripheral rubbing strake: black Lifeline on lacing cuff Carrying handle : 6 strap-type D-ring for accessory pouch : 2 Bow trailering handle : 1 rigid metal

Additional buoyancy - KEEL

Fabric	Duratane 1100dtx (CSM/Neo) RED
Keel volume	0.068 m3
Valve system	Connecting hose from main tube to keel: 1 Metal keel inflation valve: 1
Installation	Glued to the boat - Replaceable

Additional buoyancy - HPP inflatable floor

Fabric	Duratane 1100dtx (CSM/Neo) BLACK
HPP floor volume	0.17 m3
Valve system	CO2 fast inflation point: 1 MIRADA overpressure valve: 1 Recessed deflating valve: 1

ENGINE compatibility

Installation type	SINGLE
Shaft length	0.508 m / L-20"
Recommended power	25 hp
Maximum power	Roll-up floor: 30 hp HPP & Rigid: 40 hp
Maximum engine weight	Roll-up floor: 75 kg HPP-Rigid: 98 kg

FLOOR Details

Rigid Panel Floor	Anti-skid floorboard (anodized aluminium): 3 Bow floorboard (marine plywood): 2 Stringer (anodized aluminium): 2 Floorboard bag: 1
Roll up floor with aluminium slates	Bow fabric panel: 1 Aluminium slatted floorboard: 1 Cylinder attachment sleeve: 1 D ring on floor: 3+3
Inflatable HPP floor	Bow fabric panel: 1 High pressure CSM vulcanised inflatable floor: 1 Cylinder attachment sleeve: 1 D ring on floor: 3+3

BOTTOM Details

Fabric	Duratane 1100dtx (CSM/Neo) BLACK
Dressing equipment	Rubbing strake reinforcement underneath the keel.

TRANSOM Details

Material & Thickness	Marine plywood 30 mm
Reinforcement	Transom stainless steel protection shoe: 1

DRAINAGE

Deck bailers	Large flow self-bailer w/sleeve: 1 Standard self bailer: 1
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LIFTING & TOWING

Lifting arrangement	Bow lifting D-ring on patch on tube: 1+1 stainless steel with black coating Aft lifting U-bolt on transom: 1+1 stainless steel
Bow towing arrangement	Bow towing D-ring on patch on tube: 1+1 stainless steel with black coating
Aft towing arrangement	Aft towing U-bolt on transom: 1+1 stainless steel with black coating

ACCESSORIES INCLUDED WITH THE BASE BOAT

- .Main floor type
- .Fast inflation kit for dive tank
- .Keel connection hose
- .Boat storage bag
- .Foot pump
- .Repair kit with manometer
- .Bow pouch

OPTIONAL ACCESSORIES

- .custom lettering by meter (Z66147)
- .RESCUE SLED 3MT. (V30754)
- .towing V bow (Z2973)
- .towing V aft (Z63030)
- .lifting sling (Z6050)
- .watertight bow bag (Z3401)
- .waterproof collar pouch (Z3428)
- .dive 15 L cylinder (Z3188)
- .FIRST STAGE MANIFOLD DIN
(ZE30499)
- .rigid floor ERB 400 (Z65301)
- .roll up floor - ERB 400 (Z65304)
- .HPP floor - ERB 400 (Z65306)
- .deck runners kit (with black strap) (Z1883)

**Items marked with * may vary with final configuration*