

# ERB 310

## EMERGENCY RESPONSE BOAT

### SHORT SHAFT

HPP Floor : Z85046  
Roll-up Floor : Z85049  
Rigid Floor : Z85052

### SEARCH & RESCUE APPROVED

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.



### CAPACITY

. Maximum number of persons (ISO6185) :	4	4
. Maximum payload (ISO6185) :	530 kg	1168 lb
. Floorboard usable area :	1,44 m <sup>2</sup>	15,5 ft <sup>2</sup>
. Buoyancy tube volume :	0,80 m <sup>3</sup>	28,3 ft <sup>3</sup>
. HPP floor volume :	0,11 m <sup>3</sup>	3,8 ft <sup>3</sup>

### DIMENSIONS

. Overall length :	3,20 m	10' 6"
. Inside length :	2,13 m	6' 12"
. Overall width :	1,60 m	5' 3"
. Inside width :	0,75 m	2' 6"
. Weight empty (with floor) :	HPP floor :	39 kg 86 lb
	Roll-up floor :	59 kg 130 lb
	Rigid floor :	61 kg 134 lb
. Floor weight :	HPP floor :	6 kg 13 lb
	Roll-up floor :	26 kg 57 lb
	Rigid floor :	29 kg 64 lb
. Buoyancy tube diameter :	0,38 m	15"
. Folded dimensions :	Boat bag :	1,3 x 0,6 x 0,37 m <sup>3</sup>
		4' 3" x 1' 12" x 1' 3"

### ENGINE POWER

. Shaft length :	380 mm	S - 15"
. Transom thickness :	24 mm	0,95"
. Recommended power :	8 HP	6 kW
. Maximum power :	10 HP	7 kW
. Maximum weight :	41 kg	90 lb

### SAFETY / INFLATION

. Airtight compartments on main tube :	2
. Inflatable keel :	1
. Design category (EC 2013-53) :	C
. Tube air pressure :	240 mbar 3,4 PSI
. HPP floor air pressure :	950 mbar 14,5 PSI



### FABRIC

#### CSM / Neoprene Duratane™ fabric

. Main buoyancy tube :	red, 1100 dtx, polyester
. Keel buoyancy tube / Baffle :	black, 1100 dtx, polyester
. Bottom :	black, 1100 dtx, polyester

<b>VALVE</b>		<b>REINFORCEMENT</b>	
. Inflation valve on main tube :	2	. Peripheral rubbing strake, flat profile, black :	1
. Overpressure valve on main tube :	2	. Rubbing strake underneath tube :	1+1
. Keel inflation valve :	1	. Rubbing strake underneath keel :	1
. Overpressure valve on keel :	1	. Transom stainless steel protection shoe :	1
<b>HPP floor</b>		<b>HANDLING / LIFELINE</b>	
. Fast inflation point (CO2) :	1	. Carrying handle (neoprene strap) :	2+2
. Overpressure valve :	1	. Bow handle (chromed aluminum with black coating) :	1
. Recessed deflating valve :	1	. Lateral lifeline on lacing cuff :	1+1
<b>FLOOR</b>		<b>TOWING / LIFTING</b>	
<b>HPP floor</b>		. Bow towing D-ring on patch on tube : stainless steel with black coating	1+1
. Bow fabric panel :	1	. Aft towing U-bolt on transom : stainless steel with black coating	1+1
. High Pressure CSM vulcanised inflatable floor :	1		
. Cylinder attachment sleeve :	1		
. D ring on floor	4		
<b>Roll-up floor</b>			
. Bow fabric panel :	1		
. Aluminium slatted floorboard :	1		
. Cylinder attachment sleeve :	1		
. D ring on floor	4		
<b>Rigid floor</b>			
. Floorboard (anodized aluminium) :	3		
. Bow floorboard (marine plywood) :	2		
. Stringer (anodized aluminium) :	2		
. Floorboard bag	1		
<b>STERN TRANSOM</b>		<b>OTHER EQUIPMENT</b>	
. Large flow self-bailer w/ sleeve :	1	. Bellows foot pump + hose :	1
. Standard self bailer :	1	. Repair kit (manometer included) :	1
. Aluminum engine mounting plate (single engine) :	1	. Paddle (telescopic) :	2
. Transom engine reinforced pad (marine plywood) :	1	. Bow pouch (removable) :	1
		. Storage bag :	1
		. Fast inflation kit for scuba bottle (air only)	1
<b>OPTIONAL EQUIPMENT</b>			
<b>TUBE EQUIPMENT</b>		<b>ACCESSORIES</b>	
. Lettering :		. Overall cover (boat only / boat & engine)	
. Non-slip band :		. Trailer	
		. V towing bridle bow	
		. V towing bridle aft	
		. Lifting sling	
		. Mooring kit : anchor, chain, rope	
		. Watertight bow bag	
		. Watertight bow pouch	
		. Waterproof collar bag	
		. Dive cylinder 12 L	
		. Airdrop kit	
		. Helidrop kit	
		. Fast inflation kit for scuba bottle (air & CO2)	
<b>PROPULSION SYSTEM</b>			
. Engine (any brand or power) / rigging kit			
. Waterproof indirect bag OB engine			
. Flexible fuel tank (6 USG - 22 L)			
. Retaining harness for fuel tank			
. Fuel line			
<b>MISCELLANEOUS</b>			
. Training (commissioning, maintenance, piloting, airdrop...)			