



ZODIAC ERB 400
HPP Floor

P/N Z85028

Rev 1 – June 1st 10
TECHNICAL DATA SHEET



Rapid Deployment crafts made for Search & Rescue applications

The ZODIAC ERB range has been specifically designed to meet the demanding requirements of Search & Rescue Organisations throughout the World. Our ERB craft 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, make the ZODIAC ERB range the ideal partner when quality of design and manufacture count. Craft are also available with a slatted aluminium deck or rigid deck.

The ERB 400 with HPP Floor is available from stock.

Important Note: Boats available in North America may have different specifications.

THIS MATERIAL CONTAINS PROPRIETARY DATA BELONGING TO ZODIAC INTERNATIONAL. UNAUTHORIZED DISCLOSURE, USE OR REPRODUCTION WILL RESULT IN LIABILITY. ZODIAC RESERVES THE RIGHT TO CHANGE THE SPECIFICATIONS OF THIS TECHNICAL DATA SHEET WITHOUT NOTICE.

Dimensions and weight + or - 3 % (5% on prototype)

page 1 / 4



ERB 400 – BOAT DEFINITION

CAPACITY

. maximum number of persons :	8	
. maximum load (persons, motor & gear) :	920 kg	2028 lb
. floorboard usable area :	2,38 m ²	25.6 ft ²
. buoyancy tube volume :	1.35 m ³	47.6 ft ³

DIMENSIONS

. overall length :	4.1 m	13' 5"
. inside length :	2.8 m	9' 2"
. overall width :	1.9 m	6' 3"
. inside width :	0.88 m	2' 7"
. weight empty :	65 kg	145 lb
. buoyancy tube diameter :	51 cm	20"
. folded dimensions :	1,4x0,65x0,4m ³	55"x26"x16"

SAFETY / INFLATION

. airtight compartments (main buoyancy tube) :	4
. intercommunication valves :	2
. inflatable keel :	1

ENGINE POWER

. engine shaft length :	L (20")	
. useful HP range :	25 – 30 HP	
. maximum HP :	40HP (HPP and Rigid floor)	
	30HP (Roll-up Floor)	
. maximum weight of engine :	98kg (HPP and Rigid floor)	216 lb
	75kg (Roll-up Floor)	163 lb

FABRIC

. main buoyancy tubes :	red, 1110 dtx , polyester, Hypalon/neoprene
. keel buoyancy tube :	black, 1100 dtx , polyester, Hypalon/neoprene
. bottom :	black, 1100 dtx , polyester, Hypalon/neoprene
. baffles :	black, 940 dtx , polyester, Hypalon/neoprene

THIS MATERIAL CONTAINS PROPRIETARY DATA BELONGING TO ZODIAC INTERNATIONAL. UNAUTHORIZED DISCLOSURE, USE OR REPRODUCTION WILL RESULT IN LIABILITY. ZODIAC RESERVES THE RIGHT TO CHANGE THE SPECIFICATIONS OF THIS TECHNICAL DATA SHEET WITHOUT NOTICE.

Dimensions and weight + or - 3 % (5% on prototype)

page 2 / 4



STANDARD EQUIPMENT

TRANSOM BLACK

. self bailers : 1 Large flow + 1 Small :	2
. aluminum engine mounting plate, for single engine :	1
. transom sacrificial plate (marine plywood) :	1

FLOORBOARD SYSTEM

. Inflated HPP floor :	1
. bow skirt :	1

INFLATION - VALVES

. intercommunication valves, plated brass, on main buoyancy tubes :	2
. plated brass valve, on main buoyancy tubes for keel inflation :	1
. inflation valve on keel :	1
. fast inflation point :	2
. overpressure valves at fast inflation point, anodized aluminum :	2
. fast inflation kit for scuba bottle :	1
. keel fast inflation kit :	1

REINFORCEMENTS

. peripheral rubbing strake :	1
. flat rubbing strip underneath keel :	1
. flat rubbing strip underneath tube :	4
. transom bottom stainless steel protection shoe :	1

HANDLING

. lateral carrying soft handles :	6
. bow carrying handle :	1
. lifelines on lateral lacing cuffs :	2

TOWING & LIFTING

. front towing D-ring patches :	2
. rear towing U-bolts on transom :	2
. front lifting D-ring patches :	2
. rear lifting U bolts fitted in transom :	2

THIS MATERIAL CONTAINS PROPRIETARY DATA BELONGING TO ZODIAC INTERNATIONAL. UNAUTHORIZED DISCLOSURE, USE OR REPRODUCTION WILL RESULT IN LIABILITY. ZODIAC RESERVES THE RIGHT TO CHANGE THE SPECIFICATIONS OF THIS TECHNICAL DATA SHEET WITHOUT NOTICE.

Dimensions and weight + or - 3 % (5% on prototype)

page 3 / 4



ZODIAC INTERNATIONAL

DIVISION MARINE

OTHER EQUIPMENT

. boat carrying valise :	1
. foot pump :	1
. repair kit :	1
including pressure gauge :	1
. telescopic paddles :	2
. stowage pocket (removable) :	1
. handbook :	1

OPTIONAL EQUIPMENT:

. lifting sling, 4 leg :	1
. flexible fuel bag :	1
. optional Roll-up floor :	1
. optional Rigid floor (3 aluminum panels + 2 Marine plywood bow boards) :	1

THIS MATERIAL CONTAINS PROPRIETARY DATA BELONGING TO ZODIAC INTERNATIONAL. UNAUTHORIZED DISCLOSURE, USE OR REPRODUCTION WILL RESULT IN LIABILITY. ZODIAC RESERVES THE RIGHT TO CHANGE THE SPECIFICATIONS OF THIS TECHNICAL DATA SHEET WITHOUT NOTICE.

Dimensions and weight + or - 3 % (5% on prototype)

page 4 / 4