

# DACON RESCUE FRAME

man overboard recovery system



## INTRODUCTION

- Dacon Rescue Frame is a manual rescue net for gentle and horizontal recovery of casualties
- Quick, safe and effective retrieval
- Folds for stowage on deck or railing. Always ready for immediate deployment
- Requires a minimum of space on board. Will not obstruct passage even on small rescue craft
- Robust design and long life expectancy
- Alternative use as a scrambling net for persons able to climb to safety

Horizontal  
recovery with  
full body  
support

FOR  
ALL VESSEL  
TYPES

## USE

When deployed, the Rescue Frame hangs down, forming a cradle in the water. Position the casualty in the cradle and gently bring on board by pulling the rescue frame or the retrieval lines.

With an optional hydraulic Drum and Davit, recovery can easily be performed single-handed.

## DESIGN

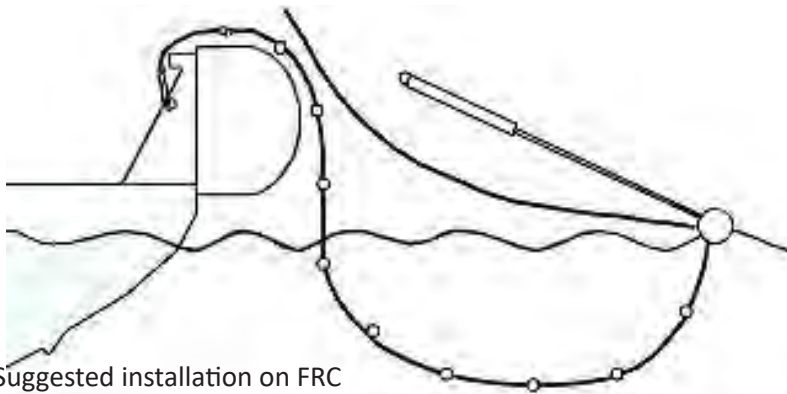
The Dacon Rescue Frame consists of a number of parallel fibre glass rods, connected by slotted webbing. The outer bar is fitted with pebble buoys, a maneuvering stick and hand-loops for easy grip. Colors: In addition to the standard red and white color, the frame is also available in grey or black color combinations.



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Suggested installation on FRC

## INSTALLATION

- Adjustable length installation straps
- Easily installed with i.e. carabine hooks or similar
- Size: see dimension chart

Standard models								
Dimensions horizontal x vertical						Accessories v = included		
Freeboard	1.8m	1.5m	1.2m	0.9m	Depth	Hauling Line	Telescopic Manoeuvring Stick	PVC cover (models 1.8, 1.5 and 1.2m)
0.5	1.8/1.9	1.5/1.9	1.2/1.9	0.9/1.9	1.9		v	v
0.75	1.8/2.3	1.5/2.3	1.2/2.3	0.9/2.3	2.3		v	v
1	1.8/2.7	1.5/2.7	1.2/2.7	0.9/2.7	2.7		v	v
1.5	1.8/3.6	1.5/3.6	1.2/3.6	0.9/3.6	3.6	v	v	v
2	1.8/4.1	1.5/4.1	1.2/4.1	0.9/4.1	4.1	v	v	v
2.5	1.8/4.5	1.5/4.5	1.2/4.5	0.9/4.5	4.5	v	v	v
3	1.8/5.5	1.5/5.5	1.2/5.5	0.9/5.5	5.5	v		v
3.5	1.8/5.9	1.5/5.9	1.2/5.9	0.9/5.9	5.9	v		v
4	1.8/6.5	1.5/6.5	1.2/6.5	0.9/6.5	6.5	v		v

## SPECIFICATIONS

The Rescue Frame is available in sizes to fit freeboards from 0.5 - 4 m

Length: Standard 180 cm  
(see chart for other dimensions)

Depth: 1.8 m - 6.5 m  
Weight: 3 kg/m<sup>2</sup>

Upon request:

- Other sizes
- Lifting harness for use with crane

## MATERIALS

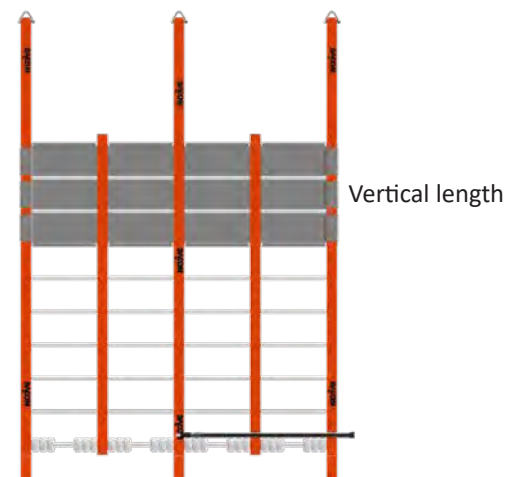
Rods: Fiberglass

Webbing: Polyester

Fittings: Stainless steel

Rope: Polyester

Horizontal length



## INSPECTION AND MAINTENANCE

The Dacon Rescue Frame is built from extremely strong materials. All metal is non-corroding. The tensile strength of each web length is 5000 kgs. However, damages may occur during use or stowage and the equipment should be inspected regularly.

All inspections should be logged.

The following areas should be inspected carefully for wear and damages:

- Attachments to the vessel
- The webbing: cuts and general wear
- The fibreglass rods: Fractures and wear. Damage to the webbing or to the PE wear sleeve on the horizontal bar may indicate a damaged fibreglass rod
- 316L Stainless Steel rivets connecting webbing and fibreglass rods along each side of the Rescue Frame
- Attachment and condition of the manoeuvring stick (if fitted)

Any significant wear or damages should be reported and repaired immediately.  
Important: Only original parts must be used for repairs of the frame.