

# PRODUCT DATA SHEET

## H2O HYDROSTATIC RELEASE UNITS FOR RAFT

HS CODE 84798997, Country of Origin SWEDEN

### DESCRIPTION

The Hammar H2O is secured to the deck or liferaft cradle and attached to the liferaft lashing. If the ship sinks, the water pressure will activate the sharp knife, which cuts the rope, and the liferaft will float free. As the ship sinks, the liferaft painter line connected to the Red Weak Link™, will stretch, and the liferaft starts to inflate. The Red Weak Link™ breaks in order to allow the Liferaft to surface.



### HYDROSTATIC ACTIVATION DEPTH

Yellow Top Label: 1,5 - 4,0 meters (SOLAS)  
Green Top Label : approx. 4 meters  
Blue Top Label : approx. 6 meters

### WEAK LINK

Breaking strength: 2,2 ± 0,4 kN  
An alternative to the Weak Link™ system is the Red braided polyester line, 4,5mm diameter.

### OPERATING TEMPERATURE

-30 to +65°C

### SERVICE LIFE

The operational life on board the ship is 2 years (24 months) or otherwise stated on the product when installed.

### APPROVED TO STANDARDS\*

SOLAS 74 Convention  
IMO Res. MSC 97(73)8.1/8.6 (2000 HSC Code)  
IMO Res. MSC. 48(66)  
IMO Res. MSC.81(70)  
IMO MSC/Circ.811, approved to EU Directive 96/98 EC on Marine Equipment

### LABEL AND PRODUCT MARKING

Material: UV-resistant and peel-proof material.

#### Top label

Barcode  
Serial number : XXXXX  
Manufacturing date: YY/MM  
Security number : XXX  
Notified body/year: XXXX/YY  
Wheel mark when SOLAS approved  
NATO Stock Numbers available

\*Only applicable for units with yellow Top Label (SOLAS)

H2O R= for Raft, 24 month service life  
H2O RX= for Raft, 30 month service life

#### Date label

For marking of expiry date; month and year.  
Years available on date label: 5 years

### DUAL ASSEMBLY

Arrangement of release units that includes two or more H2O units are available. These can be in combination with MRU or ERU unit. See separate data sheet

### TRANSPORT AND STORAGE

The Hammar H2O is a disposable product.

Shelf life: 5 years from manufactured year, provided it is stored in its box in a dry and UV-protected storage.

### PACKING SPECIFICATIONS

All H2O standard/RX SOLAS models are packed in individual boxes. To minimize shipping costs, these are packed in boxes containing 30pcs.

Individual box dimension: 17x9x7cm  
Outer box dimension: 37x30x37 cm  
Approximate packed weight of 30 pcs: 9 kg



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- Do not power wash the HRU
- Do not paint
- If an H2O is dropped or exposed to an impact it shall be discarded

# SPECIFICATIONS

SPECIFICATIONS	H2O HOUSING	WEAK LINK	ROPE SLING	THIMBLE
SIZE	L:96 mm, w: 64 mm, H: 48 mm	L: 79 mm, W: 52 mm, H: 16 mm	**Loop length: 140 mm Diameter; 8 mm	L: 12 mm, W: 36 mm, H: 33 mm
WEIGHT	112 gram	25 gram	28 gram	3 gram
COLOUR	Black	Red & Black	White & black stripes	Yellow
MATERIAL	Housing: Polyamid (PA6) Spring: Stainless steel Knife: Stainless steel	PA6 & Stainless steel	Polyester 1:1, parallel core	PA6
BREAKING STRENGTH	N/A	2,2 ± 0,4 kN	Min; 15 kN	N/A

\*\*Standard loop length. Other lengths are available.

