

MARINE EQUIPMENT

SELECTION

ITEMS

ALL ABOUT
BOATING



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Two Colours

One Colour

new New Product



Information



Competitive Price



Offer



Taped Seams



Breathable 85%
Water
Resistant 85%



With Fleece



Battery Operated



Suitable for OFFSHORE



Suitable for COASTAL



Useful Hints



Best Quality



Unisex



Child



Water Proof 100%



Easy mounting



Pre-wired



Suitable for SAILING



Suitable for FISHING

Clothing & Accessories

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Inshore/Offshore Sailing Jacket
'XTS Extreme' 3 in 1, Breathable
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Dry Bags Ténéré, with shoulder strap
Page 20

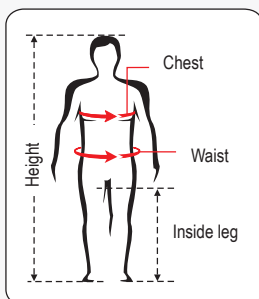
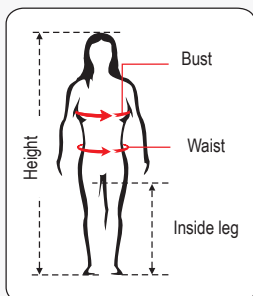


The Right Garment for You

Find your size

Universal Size Chart

Size	Height (cm)	Inside leg (cm)	Chest (cm)	Waist (cm)
JS	122	47-54	58-62	54-56
JM	134	54-61	62-66	56-59
JL	152	61-71	66-76	59-65
JXL/XS	163	71	76-86	66-72
S	168	76	94-99	84
M	175	79	102-107	91
L	183	84	109-114	97
XL	188	89	117-122	107
XXL	193	91	124-130	112



Chest / Bust circumference

Measure the circumference exactly under the armpits holding the tape steady at one point. For the bust line measure at the level of the largest circumference.

Waistline

Measure around your waist holding the tape steady at one point.

Inside leg length

Use a similar pair of trousers that fits you well and place it on a surface making sure that it does not fold or crease anywhere. Measure along the inner seam of the trousers from the crotch to the leg cuff.

Remember: the length has to reach the end of your feet when you bend your knees!

Take good care of your sailing gear to ensure a long life

- Rinse your outfit in "fresh" water after each trip. Salt might dry out in the pores and hinder the garment from "breathing"
- Clean stains of dirt by hand with a soft sponge and low spin powder detergent
- Do not use strong detergents, bleach or fabric conditioners
- Do not tumble dry and hand wash separately. Do not wash in the washing machine
- Machine wash and the use of fabric conditioners will affect the coating of your garment and it might not be possible to restore the initial water repellancy and waterproofness



Fishing / Rainwear

If you need a garment with exposure to abrasion and chemicals, like fish blood or grease.

Features

- The fabric has been PVC coated on both sides
- on both sides
- Stain Resistance
- Easy Cleaning
- Heat Welded Seams

Lalizas Model

- Fishermen's Jacket & Trousers



Sport Boating

If you need a garment for short, but constant trips and continuous use in possible rough conditions. Also, recommended for beginners, children and occasional sailors, as it keeps them dry and is easy to clean.

Features

Depending on the model:

- PU or PVC coated Nylon Taslon and Taslon Oxford
- Medium weight for Durability
- 3 in 1 Combinations
- Neoprene Cuffs
- Taped Seams
- Loops for Lifejacket/Harness
- Hoods
- Breathable
- Retro Reflective Tapes
- Hand Warmer Pockets
- Reinforced High Abrasion Areas

Lalizas Model

- Inshore Sailing Jacket & Trousers 'Extreme Sail XS', 3 in 1
- Inshore Sailing Jacket & Trousers 'Free Sail FS'
- Inshore Sailing Jacket & trousers IT
- Pro Race Neoprene Wetsuits



Recreational Inshore

If you need a garment for day trips, hobby cruising or buoy racing in fair weather. Occasionally though you may be exposed to unexpected bad conditions, but it is likely for you to be back at dock before real discomfort sets in.

Features

- Jaquard, with fleece (inside)
- Light in weight
- Breathable
- Neoprene Cuffs
- Taped Seams
- Hood
- Hand Warmer Pockets

Lalizas Model

- Skipper 'MC Maximum Comfort'



Offshore

If you are an active sportsman engaging in long distance racing or cruising or if the local weather conditions tend to be tougher.

Features

Depending on the model:

- Durable PU* coated Nylon Taslon Oxford
- Light & Flexible for Free Movement
- Strong Reinforced Areas at Points of Friction
- Extra High Collar- Storm Flap
- Safety Harness Channel
- Loops for Lifejacket/Harness
- Hood with Rain Drainage
- Adjustable Neoprene Hand and Leg Cuffs
- Hand Warmer Pockets

Lalizas Model

- Inshore Sailing Jacket 'XTS Extreme 3 or 1'
- Offshore Jacket & Trousers HTX15000

Inshore Sailing Jacket "Free Sail FS" Breathable

The Lalizas' FS Inshore Sailing Jacket is evolutionary compared to other more traditional inshore jackets. Lalizas have created a high quality jacket in both in terms of design and style.

Features:

- Made of PU coated Taslon Nylon Oxford & Taslon 228T
- Grade of Water Impermeability: 1000mm
- Grade of Breathability: 1000gr/m²/24hrs
- Two way Front Flapped Zipper
- Hand-warmer Pockets & Wallet Pocket
- Hood Stored in Collar
- Taped Seams
- Fleece Lined Collar
- Neoprene Inner Hand Cuffs
- Lifejacket & Harness Attachment Loops
- Retroreflective Stripes
- Available in various colours & sizes

Men's Jackets

	Code	40791	40792	40793	40794	40795
	Code	40796	40797	40798	40799	40800
	Size	S	M	L	XL	XXL





Women's Jackets

Code	40806	40807	40808	40809	40810
Code	40811	40812	40813	40814	40815
Size	S	M	L	XL	XXL

Kid's Jackets

Code	40816	40817	40818	40819
Size	JS	JM	JL	JXL



Inshore Sailing Trousers 'Free Sail FS' Breathable

The FS Inshore Trousers have been designed to match the above jacket range. They share the same quality construction with the jacket, as they are made of PU coated Taslon Nylon oxford.

Additional features

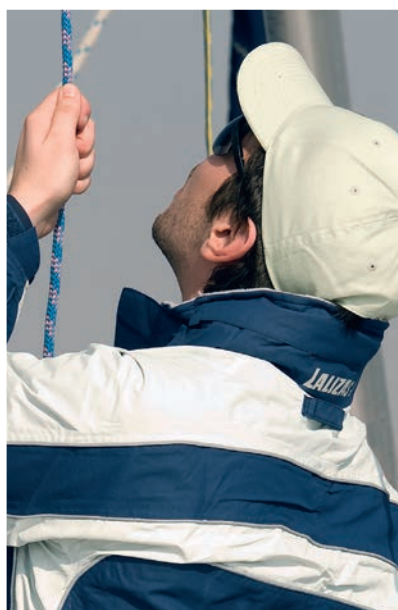
- Grade of Water Impermeability: 1000mm
- Grade of Breathability: 1000gr/m²/24hrs
- Seat & Knee Patches
- Taped Seams
- Adjustable Waist & Shoulder
- Front Zipper
- Retroreflective Tape

Kid's Trousers

Code	40824	40825	40826	40827
Size	JS	JM	JL	JXL

Adults' Trousers

Code	40828	40829	40830	40831	40832
Size	S	M	L	XL	XXL




Inshore Sailing Jacket 'Extreme Sail XS' 3 in 1, Breathable

The "Extreme Sail XS" Sailing Jacket, is the ideal outfit for Inshore Sailing. It is made of high quality materials, such as Taslon 320T and Taslon Nylon Oxford, with a PU coating, so as to make the jacket waterproof and breathable at the same time.

Other features are as follows:

- Grade of water impermeability: 10000mm
- Grade of Breathability: 2000gr/m²/24hrs
- Removable Fleece Jacket
- Taped Seams
- Two-way Zipper
- Retroreflective Stripes
- Hood Stored in Collar
- Lifejacket and Harness Loops
- Inner Side and Lower Fleece Lined Pockets
- Wallet Pocket
- Neoprene Inner Hand Cuffs

Code	40781	40782	40783	40784	40785
Size	S	M	L	XL	XXL



Hood stored in collar



Removable fleece jacket



Neoprene inner hand cuffs



Wallet pocket

Inshore Sailing Trousers 'Extreme Sail XS' Breathable

The Extreme Sail XS inshore trousers have been designed to be used with the above jacket, but also with the XTS Extreme Jacket. They are made of PU coated Taslon Nylon Oxford and Taslon 320T. They feature:

- Grade of Water Impermeability: 10000mm
- Grade of Breathability: 2000gr/m²/24hrs
- Seat and Knee Patches
- Adjustable Waist & Shoulder
- Taped Seams
- Front Zipper
- Internal Pocket
- Retroreflective Tape



Code	40786	40787	40788	40789	40790
Size	S	M	L	XL	XXL

IT Inshore Sailing Jacket

The IT Sailing Jacket is provided with all the extras you demand from a good Inshore outfit. The classical Inshore jacket is made of a robust Nylon Oxford material and is 100% waterproof with all seams taped and sealed.

Features: Reinforced elbows, seat & knee patches, two way front flapped zipper, adjustable waist band, pockets, hand-warmer pockets, wallet pocket, hood stored under collar, fleece lined collar, inner neoprene hand cuffs, lifejacket attachment loops and retroreflective tapes for high visibility.



Adult's Jacket

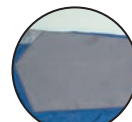
Code	40295	40296	40297	40298	40646
Code	40305	40306	40307	40308	40647
Code	40315	40316	40317	40318	40648
Size	S	M	L	XL	XXL

Kid's Jacket

Code	40290	40291	40292	40293
Height (m)	1.22	1.34	1.52	1.64
Size	JS	JM	JL	JXL



Fleece lined collar



Re-inforced elbow patches



Adjustable waist



Neoprene inner hand cuffs



Hood stored in collar



Pocket



Waist band



Seat & knee re-inforcements



IT Inshore - Sailing Trousers

The Inshore trousers are made of the same robust Nylon Oxford as the Jacket. It is 100% waterproof with all seams sealed. **Features:** 600D reinforced seat and knee patches, high bib, adjustable waist, adjustable shoulder and front zipper.

The trousers are available in fashionable grey and in sizes corresponding to the jackets. Your own CREW LOOK is possible without having to look like "twins". You have the choice of your own colour preference blue, red, or yellow jackets in combination with the fashionable pair of trousers, gives you the FEELING of your own individuality.

Adult's Trouser

Code	40325	40326	40327	40328	40649
Size	S	M	L	XL	XXL

Kid's Trouser

Code	40320	40321	40322	40323
Height(cm)	1.22	1.34	1.52	1.64
Size	JS	JM	JL	JXL

Skipper Jacket 'MC Maximum Comfort' Breathable

The MC Skipper Jacket combines a perfectly snug and comfortable fit, with warmth, rendering it ideal to be worn in autumn or early spring. It's quality construction will allow your body to breathe, but also protect you from cold, spray or rain, whether you are on board or on land. Additional features are the following:

- Combination of Jaquard (outside) & Fleece (inside)
- Grade of Water Impermeability: 4000mm
- Grade of Breathability: 2000gr/m2/24hrs
- Taped Seams
- Fleece Lined Pockets & Wallet Pocket
- Hood Stored in Collar
- Neoprene Inner Hand Cuffs
- Two way Front Flapped Zipper
- Lifejacket & Harness Attachment Loops
- Available in various sizes & colours



Code	40838	40839	40840	40841	40842	40843
Size	XS	S	M	L	XL	XXL

**Skipper Blouson**

A classic jacket that is a must in every boat's locker. Designed in a leisurely cut Blouson style, the Lalizas Skipper Blouson is completely fleece lined to protect you from the cold, with two hand pockets plus knitted cuffs and waistband. Very comfortable and light weight to wear, it is ideal to be worn on its own, when ashore or under a Sailing Jacket for those cold and rainy days at sea. Lalizas Skipper Blouson is available in two colours, red and blue and five sizes.



● Code	40480	40481	40482	40483	40652
● Code	40470	40471	40472	40473	40651
Size	S	M	L	XL	XXL

Sailing Fleece Vest

The Lalizas Sailing Fleece Vest is a must for you, for those cold days on the boat. It is made of microfibre on the outside and fleece on the inside, in order to keep your body warm. Additional features which are worth noticing are the two hand pockets and the adjustable waist strings.

The Sailing Fleece Vest is available in five sizes and three colours, blue, red, and sand.



● Code	40544	40545	40546	40547	40659
● Code	40552	40553	40554	40555	40661
● Code	40548	40549	40550	40551	40660
Size	S	M	L	XL	XXL



Inshore Jacket 'Zephyr', Breathable

Especially designed for those chilly days, the 'Zephyr' Inshore Jacket will be ideal in terms of comfort and design. The microfibre fabric on the outside will protect you from spray and rain, while the mesh lining on the inside will allow body to breathe. It also features Velcro straps and two hand pockets. All its features combined, create the ideal jacket to be worn on the boat, at land, on the motorcycle, practically any time, anywhere. The 'Zephyr' Inshore Jacket is available in five sizes and two colours navy blue and ice.



● Code	40536	40537	40538	40539	40657
● Code	40540	40541	40542	40543	40658
Size	S	M	L	XL	XXL





Extra high collar with 2nd storm flap



Harness channel compatible with 71145* harness

(*Not supplied)



Adjustable waist



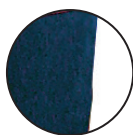
Inner Neoprene hand cuffs with velcro



Full front zipper



Hand warmer pockets fleece lined



Extra strong seat & knee re-inforcement



Inner Neoprene leg cuff with velcro

**Offshore - Sailing Jacket HTX 15000**

Yachtsmen around the world have proven time after time, that Lalizas clothing is the standard for high technology sailing outfits. The Offshore clothing was the first in our range tested and improved with a breathable PU coating of high rating. A garment is said to be waterproof withstanding a watercolumn of 3.000mm (Column 1m wide x 1m long and 3 m high). The Lalizas Offshore Jacket and Trousers have a waterproof rate 5 times as much, without effecting the breathability, lightness and flexibility of the garment.

This Offshore set helps you to maintain your health and physical condition, even under bad weather conditions, with professional high technology features like two-way zipper, retroreflective tapes, extra high collar, 2nd storm flap, adjustable hood, harness channel, lifejacket and harness loops, removable fleece collar, fleece lined pockets, reinforcements at points of friction, key holder, neoprene inner hand cuffs, elastic waist. Available in blue navy - red colour combination and in five sizes.

Code	40155	40156	40157	40158	40159
Size	S	M	L	XL	XXL

**Offshore - Sailing Trousers HTX 15000**

The breathable Offshore sailing trousers cover the racer's body up to the chest. They are made of a robust PU coated Nylon Oxford with 600D strong reinforced and taped seam seals. Apart from the advantages of combining high standard features and breathable fabrics, the PU coated fabric makes the garment very light and comfortable to wear even when the going gets tough and workforce is needed.

Features: Full front zipper, 600D dynamically shaped seat & knee reinforcement, inner neoprene leg cuff, hand warmer pockets, elastic waist, special gusset for more movement. Available in blue navy - red colour combination and in five sizes.

Code	40165	40166	40167	40168	40169
Size	S	M	L	XL	XXL

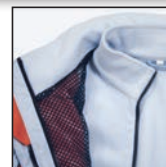
Inshore/Offshore Sailing Jacket 'XTS Extreme' 3 in 1, Breathable

The "XTS Extreme" Sailing Jacket is the ultimate in sailing gear technology. It is highly waterproof and breathable, ideal to be used for both Inshore and Offshore sailing. It is made of high quality materials, such as PU coated Cordura and Taslon Nylon Oxford.

Other features are the following:

- Grade of Water Impermeability: 10000mm
- Grade of Breathability: 2000gr/m²/24hrs
- Removable Fleece Jacket
- Two-way Zipper
- Taped Seams
- Retroreflective Stripes
- Hood Stored in Collar
- Lifejacket & Harness Loops
- Inner Side & Lower Fleece Lined Pockets
- External Back Pocket with Zipper
- Wallet Pocket
- Mobile Pocket
- Neoprene Inner Hand Cuffs
- Zipper on the Outer Hand Cuffs

Code	40833	40834	40835	40836	40837
Size	S	M	L	XL	XXL



Removable fleece jacket



Hood stored in collar



Mobile pocket



Zipper on the outer hand cuffs



External back pocket with zipper



Inshore Sailing Trousers 'Extreme Sail XS' Breathable

The Extreme Sail XS inshore trousers are designed to pair up with the above jacket, but also with the XTS Extreme Jacket. They are made of PU coated Taslon Nylon Oxford and Taslon 320T.

They feature:

- Grade of Water Impermeability: 10000mm
- Grade of Breathability: 2000gr/m²/24hrs
- Seat & Knee Patches
- Taped Seams
- Adjustable Waist & Shoulder
- Front Zipper
- Internal Pocket
- Retroreflective Tape

Code	40786	40787	40788	40789	40790
Size	S	M	L	XL	XXL





'Pro Race' Series

The Pro Race series is now available to enhance your sporting experience. Sailors, water-skiers, surfers, wind-surfers, wakeboarders or snorkeling and kayak devotees select Pro Race quality for the sea. Increase your adrenalin rush by wearing your 'Pro Race' shield.

Neoprene Full Wetsuit 'Pro Race' 3:2mm

Full wetsuits are your sport garments for the sea. Your main body is covered with 3mm neoprene thickness, while your legs and arms are covered with 2mm neoprene thickness. Therefore, the neoprene suit keeps your body warm and offers you high degree of flexibility. Flatlocked seams, waterproof back zipper, adjustable neck and aqua stops at limb-ends prevent water leaks and keep you warm. Wind resistance is provided to your chest and back, which are covered by an additional overlay of impermeable fabric. This wetsuit is equipped with special kneecaps and a hidden small pocket (at the back) for your keys.



For Men



For Ladies



For Children



For Men

Code	70526	70527	70528	70529	70530
Size	S	M	L	XL	XXL

For Ladies

Code	70521	70522	70523	70524	70525
Size	S	M	L	XL	XXL

For Children

Code	70531	70532	70533	70534	70535
Size	JS	JM	JL	JXL	JXXL

Neoprene Wetsuit 'Pro Race' Shorty 2.5mm

In warm weather conditions, Shorty wetsuits with 2.5mm neoprene thickness will give you flexibility, impermeability and UV protection. This wetsuit is entirely sealed with flatlocked seams and aqua stops at sleeve edges and trouser-ends to prevent water flows. Two smooth overlays at the front and back of the wetsuits offer you wind resistance, on chilly days. All Pro Race wetsuits include waterproof back zipper and adjustable neck to embrace your body. There is a special pocket for your keys inside the wetsuit next to the zipper.



For Ladies



For Men

For Men

Code	70511	70512	70513	70514	70515
Size	S	M	L	XL	XXL

For Ladies

Code	70506	70507	70508	70509	70510
Size	S	M	L	XL	XXL



Neoprene Wetsuit 'Pro Race' Thermal Shorty 1mm

The Shorty Wetsuit for children uses thermal technology, which makes it breathable, while it protects your child from water irritations and UV radiation. It has 1mm neoprene thickness to keep your child warm and flatlocked seams to prevent water leaks. The adjustable neck shut offers absolute hang of the wetsuit on your child's body. In addition, the thermal backing of Shorty wetsuit allows your child to make abrupt movements and stay cosy, as thermal overlay is light and smooth. The thermal wetsuit closes easily with a mackintosh back zipper.

For Children

Code	70516	70517	70518	70519	70520
Size	JS	JM	JL	JXL	JXXL



Neoprene Wetsuits & Rash Guards

Rash Guards SPF 50+

Rash Guards are shirts made of spandex and nylon to protect the skin from sunburns and water irritations. They offer over 50C° UV protection and are light tops for water sports. When the weather is too warm for a wetsuit, rash guards safeguard your body from water and wave irritations or chafes on rough surfaces. Additionally, their special elastic fabric makes sweat evaporate faster than regular fabrics, keeping you warm and comfortable. 'Pro Race' Rash Guards come in short and long sleeves version for your annual protection.



For Adults

Code	70536	70537	70538
Size	S	M	L



For Children

Code	70539	70540	70541	70542
Size	JS	JM	JL	JXL



For Adults

Code	70543	70544	70545
Size	S	M	L



For Children

Code	70546	70547	70548	70549
Size	JS	JM	JL	JXL

Wetsuit Sizing Measurements

MEN

Size	S	M	L	XL	XXL
Height	168-172	170-176	174-180	178-186	184-192
Waist	69	74	79	84	89
Chest	80	85	90	95	100
Neck	34	35	36	37	38
Neck to crotch	66,5	68,5	70,5	73	76

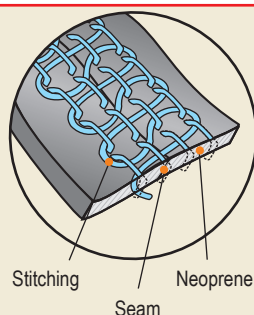
WOMEN

Size	S	M	L	XL	XXL
Height	166-172	168-174	172-178	176-182	180-188
Waist	61	66	71	76	81
Chest	75	80	85	90	95
Neck	28	29	31	32	33
Neck to crotch	65	67	69	71	73

CHILDREN

Size	JXS	JS	JM	JL	JXL	JXXL
Height	115-122	120-128	128-136	136-144	144-152	152-160
Waist	56	58,5	61	63,5	66	68,5
Chest	61	63,5	67,5	71	75	79
Neck	25	26,5	28	30,5	32	33
Neck to crotch	44	48	52	56	58	61

Dimensions are in cm

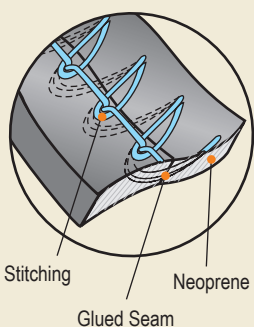


Stitching
Seam
Neoprene

Flatlock Stitch

The flatlock stitch is suitable for wetsuits usually worn in warmer weather conditions, made of neoprene up to 3mm thickness.

Two pieces of neoprene are butted against each other edge to edge and the stitching goes back and forwards side-to-side, creating a very flat stitch (flatlock). You can very easily identify the flatlock stitch on the suit, by the thread on both sides of a wetsuit. Also, the flatlock stitch does not irritate the user's skin, as it would if the seam ran inside the suit.



Stitching
Glued Seam
Neoprene

Blindstitch

The blindstitch is the perfect solution for the manufacturing of winter wetsuits, since it is a totally waterproof stitch. Two pieces of neoprene are butted against each other and stitched together, with the needle going only half way through the neoprene before going back out. In this way, there is no stitch on the outer part of the wetsuit. The edges of the neoprene are also glued when they are butted together before stitching, for creating an even more waterproof seam. Lastly, the blindstitch does not irritate the skin of the user, as the seam does not run inside the suit.



Velcro tape at hood chin



Full storm flap



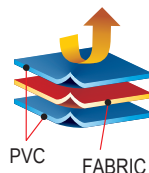
Inner elastic hand cuff



All seams are sealed



Inside trouser pocket



Fishermen's Jackets and trousers

Fishermen's Jackets and Trousers have a 0,35mm double PVC coating on the inside of the fabric to make it 100% waterproof and on the outside to provide extra durability. Even fish blood and grease are fairly easy to clean. Instead of seam stitching, the different garment parts are "glued" as a second security to make it 100% waterproof. The Lalizas Fishermen gear is designed to minimize the possibilities for nets to get caught while working. They feature full front flapped zipper and inner hand cuffs. The pants have a high bib at the front and back with elastic adjustable belt straps with buckle closure.

Jacket

● Code	40175	40176	40177	40178	40179
● Code	40185	40186	40187	40188	40189
Size	S	M	L	XL	XXL

Trousers

● Code	40195	40196	40197	40198	40199
● Code	40205	40206	40207	40208	40209
Size	S	M	L	XL	XXL



Fishing Waders, PVC

The Fishing Chest Waders come in green colour, with inner chest pocket and heavy-duty adjustable elastic suspenders for a comfortable fit. The boots feature an Antislip sole design for excellent traction on slick, while the areas of crouch and knees are specially reinforced for long-lasting durability. They are made of PVC and are supplied with a service kit (glue, fabric pieces). They match with Lalizas Fishermen's Jackets (40175-40179).

Code	71052	71053	71054	71055	71056
Size	41	42	43	44	45



Gloves

5 & 2 Finger Cut Amara

The brand new Amara Leather Lalizas gloves are suitable for every water or land activity. They come in two models, in 2 or 5 Finger Cut, and are made of amara leather, neoprene and a special extra durable fabric. The special Velcro above the wrist ensures ultimate fit.

Both the 2 and 5 finger cut models are extremely durable and soft, and the extra Amara leather below the fingers and palm makes them the ideal choice for marine use, especially when dealing with ropes and winches.

The 2 Finger Cut Lalizas Amara gloves are available in a beige/anthracite colour, while the 5 Finger Cut in gray/black colour. The compounds in both types are made of an extremely durable red coloured thread. All models are available in 5 sizes (S-XXL).



5 Finger Cut Amara - beige/anthracite

Code	71688	71689	71690	71691	71692
Size	S	M	L	XL	XXL



2 Finger Cut Amara - grey/black

Code	71693	71694	71695	71696	71697
Size	S	M	L	XL	XXL



Full Finger Neoprene Gloves, 'Pro Race', 3:2mm

Pro Race gloves are your essential protection against cold and wind in all water sport activities. Your hands are sealed with 3:2mm neoprene thickness for protection and flexibility in cold waters. Your palm and fingers are covered with smooth Amara leather for excellent grip of ropes, spear guns, paddles and other sea-sport equipment.

Code	70569	70570	70571	70572	70573	70574	70575
Size	XXS	XS	S	M	L	XL	XXL



5 Finger Cut Sailing Gloves Kevlar

Soft and comfortable 5 finger cut gloves with Kevlar palm reinforcement for best grip and durability. We've combined Kevlar and its advantages, with the very best soft Amara leather and elastic spandex, in order to create the 'ultimate' sailing glove in grip and fit. Available in 6 different sizes (XS-XXL).

Code	40103	40105	40106
Size	XS	S	M

Code	40107	40108	40663
Size	L	XL	XXL

Gloves Sizing Measurements

5 Finger Cut Amara - beige/anthracite

Size	S	M	L	XL	XXL
Length	18,5	19,05	19,5	20,6	21,1
Palm	21,8	23,1	23,8	24,6	25,9
Wrist	18,8	19,3	20,3	20,8	21,3

2 Finger Cut Amara - grey/black

Size	S	M	L	XL	XXL
Length	21,1	21,6	22,1	23,1	23,6
Palm	21,8	23,1	23,8	24,6	25,9
Wrist	18,8	19,3	20,3	20,8	21,3

5 Finger Cut Sailing Gloves Kevlar & Amara

Size	XS	S	M	L	XL	XXL
Length	15,5	17,5	18	18,5	19	19,5
Palm	9,5	10,5	11	11,5	12	12,5
Wrist	7,5	9	9,5	10	10,5	11

"Pro Race" Full finger Gloves Neoprene

Size	XXS	XS	S	M	L	XL	XXL
Length	24,1	25	25,5	26	26,5	27,5	28
Palm	8,9	9,5	10	11	11,5	12	12,5
Wrist	7,6	8,5	9	9,5	10	11	11,5

Dimensions are in cm



'Tie-Top' Long-Leg Sailing Boots

Smartly designed Lalizas Long Leg Sailing Boots are perfect for sailing. Made of natural rubber with razor cut, non-slip soles, for better traction. Hard wearing with extra toe and heel reinforcement. The tie top feature and cushioned leg top render them extremely comfortable to wear. Available in navy blue with contrasting white trim and 10 sizes, 38 to 47.



Code	40431	40432	40433	40434	40435
No.	38	39	40	41	42
Code	40436	40437	40438	40439	40440
No.	43	44	45	46	47

'Pro Race' Semi Dry Boots, 6mm

Pro Race Neoprene boots protect your feet from cold water. They are made of 6mm neoprene thickness to keep your body warm in cold water. Blindstitched seams inside and outside the boots, waterproof zipper and a special neoprene cover behind the zipper to prevent water leaks. Pro Race boots completely embrace your feet with neoprene flexibility and the rubber reinforced toes and heels, which offer stable foot-holding, additional water resistance and protection from land or boat obstacles. Pro Race boots have thick rubber soles for better traction on all surfaces. The white rubber on the bottom of soles ensures no marks on your boat.



Code	40451	40452	40453
No.	31/32	33	34/35

Code	70561	70562	70563	70564	70565	70566	70567	70568
No.	36	37/38	39	40/41	42	43/44	45	46/47

Shoes

Sailing Shoes, 2mm

'Pro Race' shoes are your stylish and comfortable footwear for the beach and water-sport activities. They are made of 2mm neoprene and rubber soles to keep you warm and stable on rough surfaces. Pro Race shoes are flexible as they protect your feet from sand and water irritations. They are easily packed for beach walks and you will find them useful during boating, surfing or snorkeling, because they insulate your feet from friction on rough surfaces, rocks and coral reefs.

**For Children**

Code	70558	70559	70560
No.	31/32	33	34/35

For Adults

Code	70550	70551	70552	70553	70554	70555	70556	70557
No.	36	37/38	39	40/41	42	43/44	45	46/47

**Sportive Deck Shoes**

Lalizas expands its Deck Shoes range, by adding a new sportive deck shoe, which will serve your demanding boating and casual needs. It has been designed to offer you extra traction and stability so that you have a good grip on wet surfaces. It features air mesh panels for greater breathability, quick dry footbed and a non-slip TPR outsole that will keep you maneuvering fast on your feet, even on wet deck. It is supplied in 12 sizes (35-46) and in grey colour.



Code	70917	70918	70919	70920	70921	70922	70923	70924	70925	70926	70927	71020
No.	35	36	37	38	39	40	41	42	43	44	45	46

Shoes



Skipper Deck Shoes

Cruise in style with Lalizas Skipper Deck Shoes. Designed to provide comfort and durability, they are ideal for use at all times, while traveling at sea, strolling on land.

The Skipper shoes are hand-sewn or made of premium Mexican leather with rawhide lacing. Their non-slip rubber outsole has a special design, so as to offer maximum traction and safety on any wet and slippery surface, such as decks and docks. Their classic moccasin design allows a perfect fit to your own foot's bone structure. These versatile shoes are available in three different colour combinations and each in 11 sizes. They are available in brown with white or brown outsole and navy blue with white outsole.



Skipper Deck Shoes, brown leather with white sole

Code	40561	40562	40563	40564	40565	40566	40567	40568	40569	40570	40571
No.	36	37	38	39	40	41	42	43	44	45	46

Skipper Deck Shoes, brown with brown sole

Code	40572	40573	40574	40575	40576	40577	40578	40579	40580	40581	40582
No.	36	37	38	39	40	41	42	43	44	45	46



Skipper Deck Shoes, navy blue with white sole

Code	40594	40595	40596	40597	40598	40599	40600	40601	40602	40603	40604
No.	36	37	38	39	40	41	42	43	44	45	46



Caps & Berets

Caps

100% washed out twill cotton caps available in 3 colours.

Code	40060	40070	40664
Colour	Blue	Sand	Red



Sailing Cap with protective neck cover

It is made of cotton fabric and it features Velcro strap-closure at the back, so that you can roll up the neck cover and wear it as a simple cap. Available in two sizes, child and adult, in light blue and blue respectively.



Adult

Code	40557
Colour	Blue



Child

Code	40556
Colour	Light Blue

Fleece Beret with adjustable strap

Made of polar fleece and it is available in navy blue and black colour.

Code	40559	40560
Colour	Black	Navy Blue



Fleece Neck Gaiter

Made of polar fleece, which makes it suitable for the cold winter days. It can be perfectly combined with various sailing jackets. Available in navy blue.



Code	40558
Colour	Navy

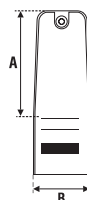




BEST VALUE

Dry Bags for handhelds

The ultimate dry bag for the protection of your handheld electronic equipment (GPS, VHF, mobile phone). Made of durable vinyl, it has clear front panel, which allows you to see displays and button logos and access most functions, without removing the bag. Furthermore, each dry bag has a lanyard loop. Depending on the air captured and the weight of the equipment inside, the bags may or may not float. Although Lalizas Dry Bags are manufactured to withstand harsh conditions, it is suggested that you test for waterproofness regularly to detect any pinhole leaks.



The sizes shown are when the bag is empty



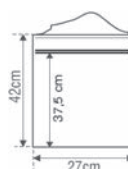
Code	Description	Dimensions (cm)	
		A	B
10440	Dry Bag for mobile phone	19	10
10441	Dry Bag for small VHF	35	10
10442	Dry Bag for VHF	40	10
10443	Dry Bag for small GPS	23	9,5
10444	Dry Bag for GPS	30	12,5



Dry Briefcase

The Lalizas Dry Briefcase has been designed especially for the protection of your boat's documents. Made of durable vinyl, it has a clear front panel, which allows you to see the contents of the bag. Furthermore, each dry bag has a lanyard loop. The Dry Briefcase has the advantage of floating on the water, depending, however, on the air captured and the weight of the contents. It features 100% waterproof seal with Velcro.

Code..... 10450



The dimensions shown are when the bag is empty

BEST VALUE

Dry Bags

The Dry Bag is an ideal product for all water sports and boating needs. Lalizas dry bags are remarkably strong and leakproof. A three-roll watertight closure system keeps everything inside, clean and dry. Available in two colours, red & clear. The see-through version helps the user to locate the items he requires. Available in four sizes



BEST VALUE

Code	Dimensions (mm)	Capacity (lt)	Colour
10001	400x250	5	Clear
10002	600x300	12	Clear
10003	700x350	18	Clear
10004	800x500	55	Clear
10011	400x250	5	Red
10012	600x300	12	Red
10013	700x350	18	Red
10014	800x500	55	Red



The wide range of Lalizas' dry bags allows you freedom of choice according to your needs



To ensure maximum dryness roll the top of the bag down (closure system) at least three times



Clip the buckle in



When everything is ready, the bag may be carried or stored



Secure closure

BEST VALUE

Reinforced bottom

Dry Bag Atlantic

The dry bags Atlantic are strong, waterproof and leakproof, ideal for heavy-duty use. Their reinforced manufacturing allows you to pack heavy objects, while the clear PVC allows you to always see what you need without having to empty all the contents. The contents of the bag are sealed in, in the same way as the regular dry bags. The Lalizas Atlantic Dry Bags are available in four sizes and one colour combination, clear with blue bottom.

Code	Dimensions (mm)	Capacity (lt)	Colour
10430	400x250	5	Clear
10431	600x300	12	Clear
10432	700x350	18	Clear
10433	800x500	55	Clear

Dry Bags

Dry Bags Ténéré, with shoulder strap

The new heavy-duty dry bags Ténéré are the ideal choice for kayaking, canoeing and rafting, but also for every sailing and boating need. Its improved three-roll watertight closure system ensures that all the contents stay clean and dry. These hot air welded dry bags are made of durable PVC Tarpulin 500D, 0.55mm thick, which makes them suitable for all heavy-duty activities. Ténéré dry bags are wipe-clean, easy to store and have a shoulder strap that makes them handy to carry on shore. Additionally, the 30Lt and 40Lt capacity models have an extra handle welded on the side. Ténéré bags are available in sand, red and yellow colours and in 6 different sizes.

BEST
VALUE



Code	Dimensions (mm)	Capacity (lt)	Colour	With handle
70291	400x200	5	Sand	
70292	550x200	10	Sand	
70293	500x250	15	Sand	
70294	660x250	20	Sand	
70295	600x300	30	Sand	•
70296	740x300	40	Sand	•
70297	400x200	5	Red	
70298	550x200	10	Red	
70299	500x250	15	Red	
70300	660x250	20	Red	
70301	600x300	30	Red	•
70302	740x300	40	Red	•
70303	400x200	5	Yellow	
70304	550x200	10	Yellow	
70305	500x250	15	Yellow	
70306	660x250	20	Yellow	
70307	600x300	30	Yellow	•
70308	740x300	40	Yellow	•



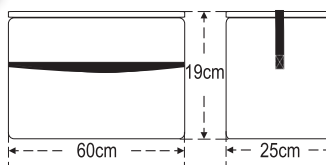
Under Seat Storage Bag, Ténéré Sit & Store

The under seat storage bag provides you with the extra storage space that is so necessary on any boat. It is made of PVC Tarpulin and has been designed to fit to any seat. It also features a shoulder strap which allows you to carry the bag when you leave the boat. The top of the bag is padded to "soften the ride" on the wooden seat. It is water resistant, while the waterproof zipper keeps the storage area dry. It is available in grey colour.



Code.....70895

**BEST
VALUE**



Sunglasses

TR90 Sunglasses

The new sunglasses line of Lalizas has been created to satisfy the most demanding needs of yours. The TR 90 material used in the frames of the new sunglasses renders them safer from the extreme temperatures and more durable to continuous and harsh use. Additionally, the lenses used are polarized and thus the glare and eyes strain are reduced substantially. The new sunglasses line is completed with polycarbonate sunglasses suitable for the kids. The modern design, as well as, the specialised manufacturing, makes the sunglasses ideal for use in sports, but also in other activities which involve prolonged sun exposure.



Sunglasses, TR90,
polarized 1.00mm, black

Code.....71032



Sunglasses, TR90,
polarized 1.00mm, black

Code.....71033



Sunglasses, TR90, polarized 1.00mm, black

Code.....71034



Sunglasses, TR90,
polarized 1.00mm, black

Code.....71035



Sunglasses, TR90,
polarized 1.00mm, grey

Code.....71036



Sunglasses, PC,
blue

Code.....71037



Sunglasses, PC,
silver

Code.....71038

Electronics

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Waterproof Radio/MP3 Player
MP804 4x40Watt-LCD-AUX



Inflatable R.I.B.



Power Boat



Sail Boat



Big Yacht



VEGA Omnidirectional TV Antenna, Glomex, w/25dB gain average

When you require a compact antenna or want a sleek low profile without the bulky weight of a large antenna, then 70876 TV antenna is the perfect solution. It is made of ASA, can withstand the harsh marine environment and with a totally screened, low noise amplifier, built in the antenna case, it ensures that you'll have the best reception possible for VHF and UHF frequencies, in both analogue and digital channels. It is supplied with the power inserter, plastic mount, 10m of low loss coaxial cable (75 ohms) and the 1.5m TV cord.

- Antenna Diameter: 100mm
- Antenna Height: 210mm
- Base Diameter: 25mm
- Frequency Range: 40/890 MHz
- Gain Average: 25dB
- Power Supply: 12V

Code.....70876



Code.....99645

Terrestrial Omnidirectional TV Radio Antenna, Glomex, w/ 26 dB gain average

This compact, lightweight TV antenna features exceptional performance on all TV frequencies. Made of UV resistant injection moulded nylon, it will keep its white mirror like finish for years. Like other TV antennas, the 99645 has no active components in the antenna, which provides extra protection from atmospheric elements. The 12/24V power supply amplifier is totally screened. This allows the best reception of TV signals with less interference from shipboard electrical noise sources. Combined with the additional 99644 Splitter (sold separately) enhances its functionality and is able to receive radio programs as well.



VHF & Shortwave Antennas



Code.....71114

VHF Antenna, Glomex, w/ 3dB gain average & PL259 connector, L 0,9m

The VHF 3DB MASTHEAD 0.9m antenna belongs to the ALOUD product line. There is no compromise in the manufacturing of these antennas, while its tapered stainless steel whips can absorb physical shocks without bending. The antenna is supplied with all the necessary parts for installation and a high quality RG58 C/U (MIL C17) coax cable. The Glomex exclusive weatherproof solderless connector allows installation without soldering, so it simplifies the replacement of existing antennas. These antennas are approved for marine use on grounded and ungrounded installations (sail and power boats).



Code.....99646

VHF Antenna, Glomex, w/ 3dB gain average, L 0,9m, 18m coaxial cable & PL259 connector

There is no compromise in the manufacturing of these antennas (Aloud series). The tapered stainless steel whips can absorb physical shocks without bending. The fiberglass version has a glossy polyurethane coating to provide extra corrosion protection for the internal copper elements. These individually tuned antennas are supplied with all the necessary parts for installation.



Code.....99647

VHF Antenna, Glomex, w/ 3dB gain average, L 1,5m, 4,5m coaxial cable & PL259 connector

This 5/8 wave antenna is the right choice for small boats where exceptional value at an economic price is the primary concern.

- Length: 1,5m
- Solid brass antenna elements
- 4,5m Coaxial cable
- Glossy Glomex fiber-glass
- Nylon ferrule



Antenna Mounts & Accessories



Bracket for VHF Microphone

Code	Colour	Length (mm)	Height (mm)	Width (mm)
44532	White	35	8	35
44533	Black			



Antenna Bracket for Rail Ø18-27mm, Plastic, White

Code.....43257

Antenna Rail mount, 1 adjustment knob

This ratchet mount is made of reinforced nylon and may be installed on rails of 19.1 up to 25.4mm diameter. The ratchet mount allows you to adjust the horizontal position of the antenna manually. It is available in white colour.

Code..... 98698



Four way antenna ratchet mount, two knobs

This ratchet mount antenna is made of reinforced nylon and may be fixed to the deck or bulkhead of your boat. It allows you to adjust the antenna in several positions either vertically or horizontally. Set the antenna at the position of your preference and lock its position manually. A special rift on the top of the antenna is appropriate for coaxial and GPS cables. It is available in white colour.

Code..... 99657



Four way antenna ratchet mount, single knob

This ratchet mount antenna is made of reinforced nylon and may be installed on the deck or bulkhead of your boat. It allows you to adjust the position horizontally and also locks manually at the angle of your preference. It is available in white colour.

Code..... 98687



Antenna Rail mount, 2 adjustment knobs

This rail mount is made of reinforced nylon and may be fixed to rails of 19.1-25.4mm diameter. It allows full adjustment with which you can achieve complete horizontal and vertical position of the antenna. Two screws on the side of the mount allow you to lock the position of the antenna. It has a special rift to hold coaxial and GPS cables.

Code..... 70144



Antenna mount, H 100mm, Diam. 70mm

Code..... 99740



Antenna Rail mount, H 65mm

Code..... 99660



Fixed antenna mount, H 41mm, Diam. 70mm

Code..... 98692



PVC threaded Protection for all size PL259 connectors, Glomex



Code.....99667

Radio/MP3 & Radio/CD Cases

new



Code.....63765

Waterproof Radio/MP3 Player MP804 4x40Watt-LCD-AUX

Marine USB/MP3 Player, Black, Radio AM/FM, Output auxiliary 4x40Watt, Clock, Input AUX, Green-lighted/LCD high resolution display, Fully waterproof-complies with the instructions ASTM B117 Salt/Fog exposure & ASTM D4329 UV, Water-tight/high quality rubber buttons, possibility of support behind the console,

Dimensions:
front diameter 70mm, hole diameter 64mm, depth 64mm,

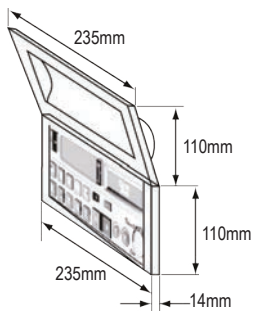
Includes:
Radio/MP3 Player,
Mounting with screws,
cables for speakers or amplifier,
USB cable (1m).

2-year guarantee.



**Univ.Case Cover for Radio/CD,
Curved, Smoked Transparent**

Code.....196069



Case Cover for Radio/CD

Code	Colour
50281	White
195265	Smoked, transparent

Marine Stereo Speakers & Megaphone



Code..... 90168

Megaphone with Siren

- Diameter: 200mm
- Length: 350mm
- Power: 20W
- Sound Coverage: 400m approx.
- Function: Talk/Siren (or Music)
- Batteries: 6D
- ABS Housing

3 Way Speaker Set

The Sea Sound 3-way speakers should be used only inside the boat and can be mounted either horizontally or vertically allowing the speakers 360° of movement.



Code..... 31304

Technical Specification:

- 3-Way Speaker Set 180W
- Impedance: 4 Ohm
- Sensitivity: 92 db
- Frequency Response: 80-20000Hz
- Peak Power: 180W (per pair)
- RMS Power: 60W (per pair)
- Material: Polypropylene cone
- Magnet: 5.4Oz

Dimensions

Height: 21cm
Depth: 12cm
Width: 13.5cm

2 Way Speaker Set

With Nuova Rade Speakers installed in your boat, you can relax or party - listening to your favourite music. Ideal for use in boats, since they are water (31302 & 31303) and corrosion proof. The 2-way speakers may be mounted both indoors and outdoors.



Technical Specifications:

31302

- 5 1/4" 2-Way Speaker Set 80W
- Impedance: 4 Ohm
- Sensitivity 88db
- Frequency Response: 80-18000 Hz
- Max: 80W (per pair)
- RMS Power: 70W (per pair)
- Material: UV-stabilised ABS plastic
- Dimensions: 5,25" (133.4mm)

Mounting Dimensions

Depth: 53mm, Hole: 115mm
Magnet: 238g (5.4oz + 3oz)

31303

- 6 1/2" 2-Way Speaker Set 100W
- Impedance: 4 Ohm
- Sensitivity 90db
- Frequency Response: 60-18000 Hz
- Max: 100W (per pair)
- RMS Power: 80W (per pair)
- Material: UV-stabilised ABS plastic
- Dimensions: 6,5" (165mm)

Mounting Dimensions

Depth: 64mm, Hole: 136mm
Magnet: 411g (8oz + 6.5oz)

Code	31302	31303
Diameter (in)	5 1/4"	6 1/2"
Watt	80W	100W
Colour	White	White

Fishing

Tackle & Utility Boxes	27-29
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Unbreakable Case, SeaShell, waterproof

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Flashing led light with photocell,
Torpedo 8, white colour, 1 battery
size D
Page 30

“LIFETIME GUARANTEE”

... are two individual words which best describe the high-performance waterproof cases by SeaShell.*

Unbreakable Case, SeaShell, waterproof

Virtually unbreakable & made of high quality materials, they integrate simplicity & functionality in a minimal clear top design. No matter if you are in your boat, or rock-fishing, sailing, performing outdoor excises, being on holidays, or even in a business trip... SeaShell cases will grant top safety for all your carry-on valuables, fishing gear, electronic devices, as well as, everything else you can fit inside!

And of course, they do float in water...

**High-Performance means: 100% Water-Resistant, Moisture-proof, Dustproof (full-seal vacuum design), Keeping the content dry, floating in the water, made of high-strength compound materials, portable, Very easy to use, All-weather Secure.*



Code	71188	71189
Length (mm)	132	
Width (mm)	100	
Height (mm)	40	
Colour	Blue	Yellow



Code	71194	71195
Length (mm)	224	
Width (mm)	130	
Height (mm)	46	
Colour	Blue	Yellow



Code	71190	71191
Length (mm)	182	
Width (mm)	120	
Height (mm)	42	
Colour	Blue	Yellow



Code	71196	71197
Length (mm)	224	
Width (mm)	130	
Height (mm)	70	
Colour	Blue	Yellow



Code	71192	71193
Length (mm)	182	
Width (mm)	120	
Height (mm)	75	
Colour	Blue	Yellow



Code	71198	71199
Length (mm)	224	
Width (mm)	130	
Height (mm)	88	
Colour	Blue	Yellow



**Plastic Case, SF,
Transparent**

Code	70715
Length (cm)	23
Width (cm)	12,5
Height (cm)	3,5



**Plastic Case, SF,
Transparent**

Code	70712
Length (cm)	35,5
Width (cm)	23,4
Height (cm)	4,8



**Plastic Case, SF, Waterproof,
Transparent**

Code	70702
Length (cm)	27,3
Width (cm)	18,3
Height (cm)	4,3



**Plastic Case / Box, SF,
Waterproof, Transparent**

Code	71013
Length (cm)	18,5
Width (cm)	14
Height (cm)	12,3



**Plastic Case, Extra Large, SC,
Grey-Brown, with 4 drawers
included**

Code	61781
Length (cm)	43,5
Width (cm)	23,5
Height (cm)	30



**Plastic Case, Large, SC,
Green-Grey, with 1 Tray
& Reinforced Clasp**

Code	61786
Length (cm)	34,1
Width (cm)	17,8
Height (cm)	15,1



**Plastic Case, SC,
Green-Grey, with 3 Trays**

Code	71011
Length (cm)	50,3
Width (cm)	25
Height (cm)	25,5



**Plastic Case, SC, Black,
with Transparent Lid**

Code	70707
Length (cm)	36,5
Width (cm)	21
Height (cm)	22



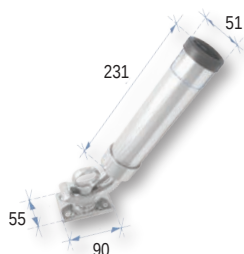


**Plastic Case, Large, SC,
Black with Transparent Lid**

Code	70706
Length (cm)	38
Width (cm)	28,5
Height (cm)	9



Rod Holders



**Rod Holder (deck type)
Inox 316**

Code	96861
Surface	H.P.
Holder	Pipe
Body	Casting

H.P.= Hand polish



Fishing Rod Holder, Inox 316

Code	70666
Diameter (mm)	44,4
Length(mm)	195
Base Dimensions (mm)	80x59



**Four Fishing-Rods Holder (flush mount),
Inox 316**

Code	70619
Diameter (mm)	44,5
Dimensions (mm)	725x193



Rod Holder with Cap, Plastic

Code	Int Diam (mm)	Height (mm)	Colour
37658	40	230	White
37659			Black



**Rod Holder, Plastic,
Vertical**

Code	Int Diam (mm)	Height (mm)	Colour
98678	43	225	Black
98679			White



Rod Holder, Plastic, Vertical

Code	Int Diam (mm)	Height (mm)	Colour
44489	40	235	White
44490			Black



**Rod Holder, Plastic,
SideMount**

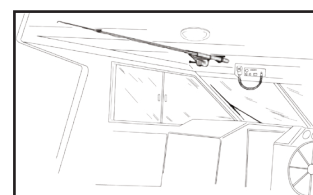
Code	Int Diam (mm)	Height (mm)	Colour
44501	40	235	White
44502			Black



**Storage Rack Set for 3 Rods,
Bulkhead Mount, White**

Length 300 x Height 225 mm

Code.....44512



Rod Holding Ring Set

Code	Colour
44622	White
44623	Black



Rod Holder Adjustable

For fishing rod, Ø 40 mm maximum.
Length : 21.5 cm.
Supplied with 2 sockets (for lateral or
flushmount options)
Code.....37660



Socket Side-Mount for 37660 Adjustable Rod Holder, Black

Code.....37795



Socket Flush-Mount for 37660 Adjustable Rod Holder, Black

Code.....37796



Storage Rack (Pair) for 2 Fishing Rods, White

Dimension 23x222x63mm
Code.....31527



Storage Rack (Pair) for 3 Fishing Rods, White

Dimension 23x298x63mm
Code.....31529



Rod Holder, Sand-Standing

Code	Int Diam (mm)	Height (mm)
44480	40	545
44496		645
44481		765

Fishing Accessories



Flashing led light with photocell,

Torpedo 1, red colour, 2 batteries size D

Red colour Flashing Signal light with 5 Super bright LED's. Equipped with a photocell, working only during the night, while it switches off during a day. Uses 2 X D batteries that last for 20 nights.

Acid resistant rubber o-ring waterproofs opening. Durable plastic body with anti tumbling protrusions and stainless steel spring inside.

Code.....63454



Flashing led yellow light with photocell, Torpedo 8

Yellow colour Flashing Signal light with 5 Super Bright LED's (flashes every 5 seconds). Equipped with a photocell, working only during the night, while it switches off during the day. It is visible up to 2 nautical miles and operates according to EU Reglement 404/2011 standard. Furthermore, it uses 1 D type battery that lasts for 20 nights. Also, there is an acid resistant rubber o-ring which ensures the light is waterproof, the Flashing Signal light has a durable plastic body with anti tumbling protrusions and stainless steel spring inside.

Code.....71297

Flashing led light with photocell,

Torpedo 8, white colour, 1 battery size D

White colour Flashing Signal light with 5 Super bright LED's. Equipped with a photocell, working only during the night, while it switches off during a day. Uses 2 X D batteries that last for 20 nights.

Acid resistant rubber o-ring waterproofs opening. Durable plastic body with anti tumbling protrusions and stainless steel spring inside.

Code.....63455



Aquascope Jointed, Ø335mm, H.510mm

Code.....31409

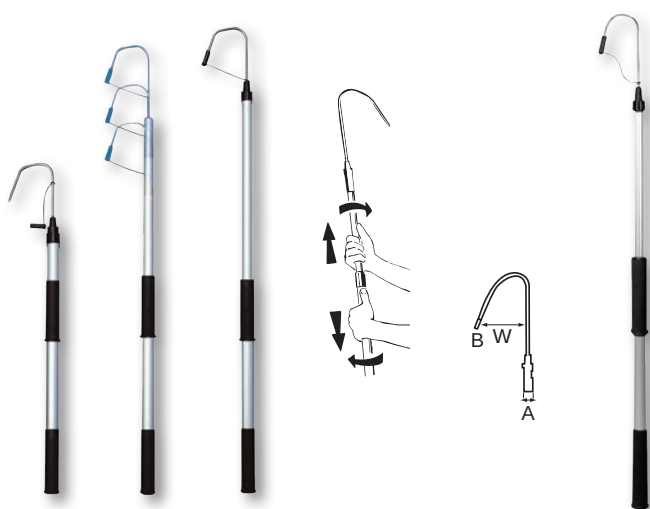


Aquascope Mini, 170x200x410mm (LxWxH)

Code.....43350



Gaffs Telescopic - Hooks



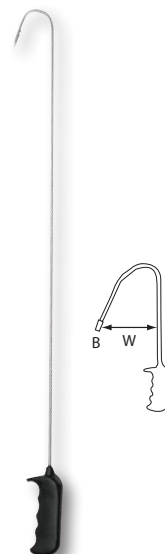
Aluminium

Code	Length (mm)	Ø A (mm)	Ø B (mm)	W (mm)
31408	800-1205	30	8	100

Aluminium

Code	Length (mm)	Ø A (mm)	Ø B (mm)	W (mm)
31407	830-1240	30	8	70

Gaffs - Hooks



Inox Round Tip Only

Code	Length (mm)	Ø B (mm)	W (mm)
44578	700	6	50

Gaffs - Hooks



Aluminium

Code	Length (mm)	Ø A (mm)	Ø B (mm)	W (mm)
44588	790	25	8	70
44590	1390			

Aluminium

Code	Length (mm)	Ø A (mm)	Ø B (mm)	W (mm)
44582	1370	25	8	100



Needle for Fishing Net Splicing

Code	Length (mm)	Width (mm)
43189	120	7
43191	120	10
43193	150	12
43195	175	13
43197	210	15
43199	230	17
43201	250	20
43203	280	23



Reel for Fishing Line Winding, Auto-Unrolling, Ø 165 mm.

Code.....43353



Fishing Basket for Longline

Code	Int. Diam. (mm)	Ext. Diam. (mm)	Height (mm)
45508	420	690	345
45509	340	520	195



Container Rectangular for Longline,

Length: 495mm

Width: 400mm

Height: 100mm

Code.....43605

Fishing Accessories

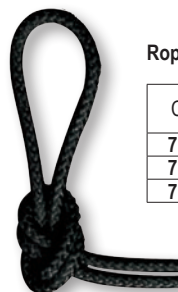


CabQ
by INNOVA

Superline Braided, Dyneema sk75 100%

It is ideal for the optimist boats, but also for spear gun.

Code	Diameter (mm)	Colour	Breaking Load (Kg)
63452	1	red/black-white	130
63156	2	yellow/black-white	100
63453	3	blue/black-white	360



Rope of Longline Fishing, Polyester

Code	Diameter (mm)	Colour	Breaking Load (Kg)
71748	1	black	60
71749	2		110
71750	3		190

CabQ
by INNOVA

Surface Float

Nuova Rade



Surface Float w/Hole, Cylindrical, White-Red

Dimensions: Ø 60 x 140 mm - Hole: Ø 10 mm.

Code.....16381



Float for Net, Flexible, White

Ø : 84 mm.

Code.....43964



Surface Float w/2 Eyelets, Spherical, White-Red

Overall Height: 15cm, Ø 13cm, top eye 1,2cm, weight: 130gr

Buoyancy: Overall 542gr, In use 271gr

Code.....43395

Knives



Diving knife "Security", Stainless Steel, blade: 11,5cm (4,5")

Code..... 61844



Diving knife "Discovery", Stainless Steel, blade: 14,3cm (6")

Code..... 70198



Boning knife, "Y-shaped" cusp, Stainless Steel, blade: 14,3cm (6")

Code..... 70195



Boning Knife, Stainless Steel, blade: 14,3cm (6")

Code..... 70196

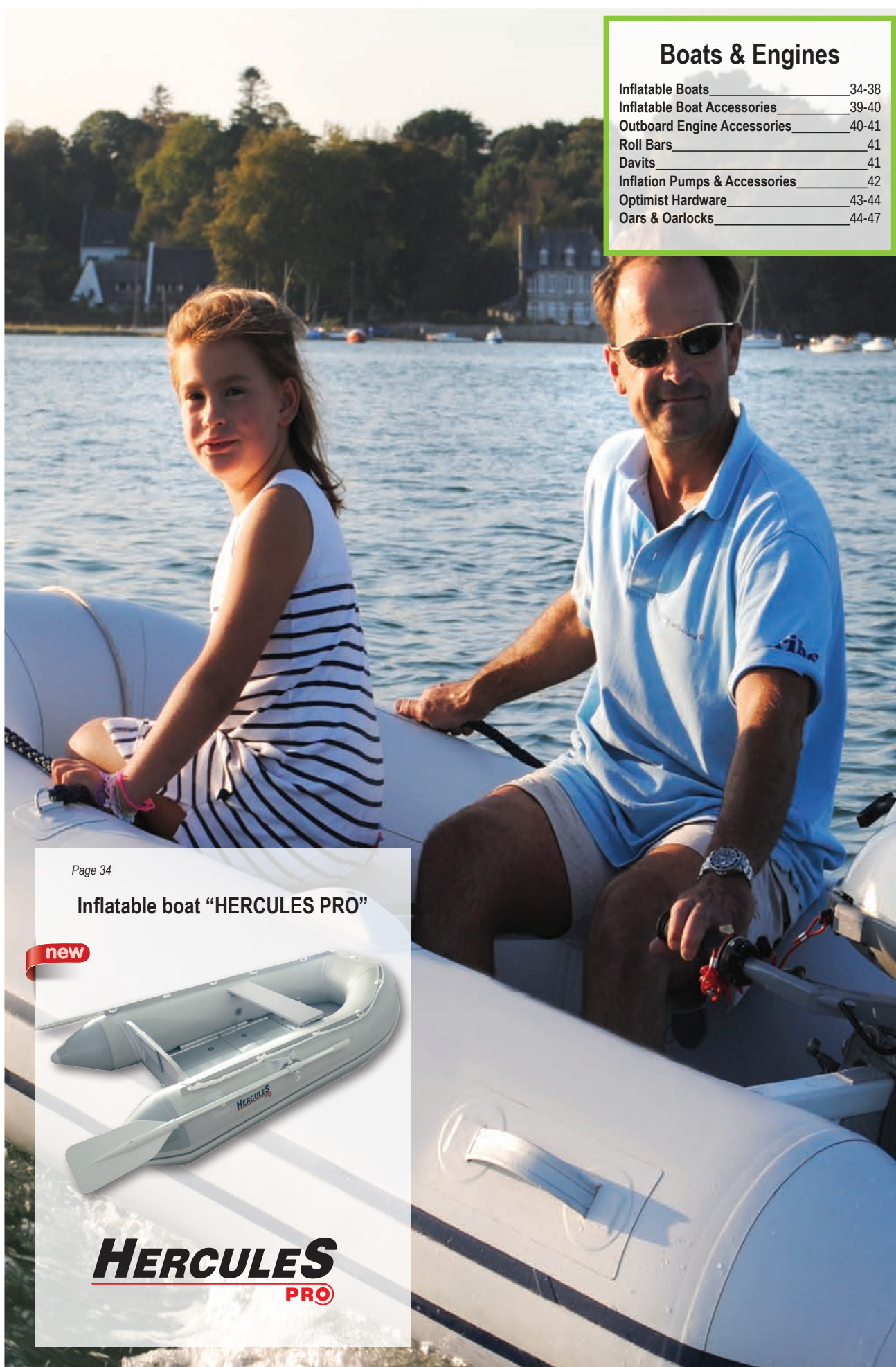


Diving knife "Freedom", Stainless Steel, blade: 13,5cm, (5,5")

Code..... 70197

Boats & Engines

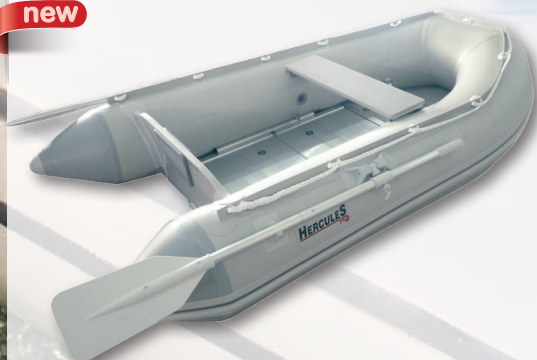
Inflatable Boats	34-38
Inflatable Boat Accessories	39-40
Outboard Engine Accessories	40-41
Roll Bars	41
Davits	41
Inflation Pumps & Accessories	42
Optimist Hardware	43-44
Oars & Oarlocks	44-47



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Inflatable boat "HERCULES PRO"

new



HERCULES
PRO

Inflatable Boats

Inflatable boat "HERCULES PRO"

The new Inflatable boat HERCULES PRO series guarantees construction of high quality and excellence in performance. They are available in 7 sizes: 185, 230, 240, 270, 290, 310, 320 and 3 floor types: Aluminum, Plywood and FRP(Fibre Reinforced Plastic).

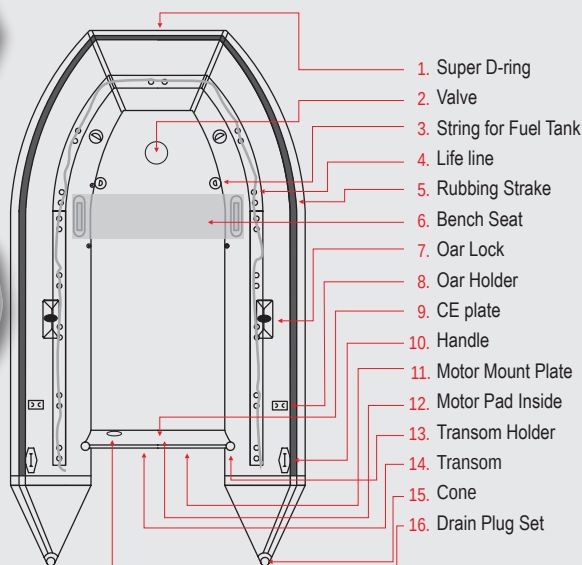
HERCULES PRO boats' standard equipment includes two-piece aluminum oars, marine grade plywood bench seat, foot pump, repairing kit, owner's manual and carrying bag.

HERCULES PRO are made of resisting and specially treated PVC that ensures the high quality of the boats. Lalizas offers a 3-year warranty for the hull seams and a 5-year warranty for the fabric hull.

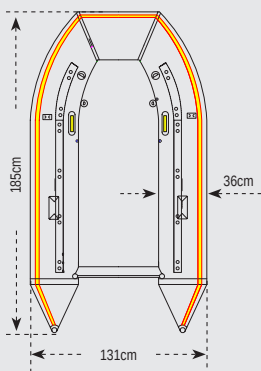
The new HERCULES PRO series comes in light grey color.

HERCULES

PRO



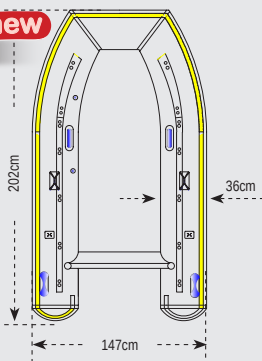
Inflatable Boats "HERCULES PRO"		Max. No. Persons	Max. Load (kg)	Max Power (HP/KW)	Dimensions			Floor				Air Chambers		Accessories					
					Overall Dimension	Internal Length x Width	Net Weight (kg)	Wooden slats	Wooden Continuous	Aluminium Continuous	Single FRP floor	Tube Dia. (cm)	No. of Chamber	Fabric	1 Wooden Bench Seat	Aluminum Oars	Foot Pump	Repair Kit	Storage Bag
71782	"185"	1,5	200	2,5HP/1,9KW	185x131x38	105x60	22	•				36	2	0,7mm PVC	•	2	•	•	•
72402	"200FRP"	2	180	4HP/3KW	202x147	124,5x71,5	37				•	36	3	0,9mm PVC	•	2	•	•	•
72410	"230"	2	350	4HP/3KW	230x131x38	151x71,5	28	•				36	3	0,7mm PVC	•	2	•	•	•
71783	"230PL/D"	2	350	4HP/3KW	230x137x38	151x60	38		•			36	3+1	0,9mm PVC	•	2	•	•	•
71784	"230AL/D"	2	350	4HP/3KW	230x137x38	151x60	38			•		36	3+1	0,9mm PVC	•	2	•	•	•
72117	"240FRP"	2	450	5HP/3,73KW	245x160	172x70	50				•	43	3	0,9mm PVC	•	2	•	•	•
71786	"270AL/D"	3,5	484	10HP/7,5KW	270x153x38	174x68	48			•		42	3+1	0,9mm PVC	•	2	•	•	•
72074	"280"	4	500	10HP/7,5KW	280x152x38	172x68	51	•				42	3	0,9mm PVC	•	2	•	•	•
72118	"290FRP"	3	550	10HP/7,5KW	285x160	210x70	65				•	43	3	0,9mm PVC	•	2	•	•	•
71787	"310FRP"	3,5	600	15HP/11,2KW	310x160	234x70	70				•	43	3	0,9mm PVC	•	2	•	•	•
71788	"320AL/D"	4,5	566	15HP/11,2KW	320x155x38	212x68	55			•		42	3+1	0,9mm PVC	•	2	•	•	•



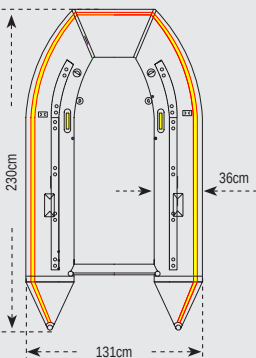
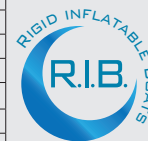
CODE	71782
"HERCULES PRO"	185
Maximum number of person	1,5
Maximum load	200
Maximum power	2,5HP/1,9KW
Overall dimension	185X131X38 cm
Internal length & width	105X60 cm
Net weight	22 kg
Floor	Wooden slats
Tube diameter	36 cm
No of chamber	2
Fabric	0,7 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



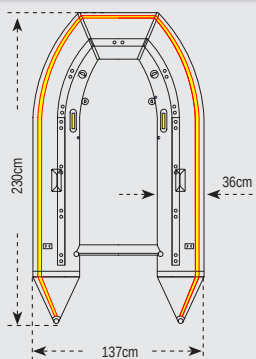
new



CODE	72402
"HERCULES PRO"	200FRP
Maximum number of person	2
Maximum load	180
Maximum power	4HP/3KW
Overall dimension	202x147x38,5cm
Internal length & width	124,5x71,5 cm
Net weight	37 kg
Floor	Single FRP
Tube diameter	36
No of chamber	3
Fabric	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



CODE	72410
"HERCULES PRO"	230
Maximum number of person	2
Maximum load	350
Maximum power	4HP/3KW
Overall dimension	230x131x38 cm
Internal length & width	151x71,5 cm
Net weight	28 kg
Floor	Slatted
Tube diameter	36 cm
No of chamber	3
Fabric	0,7 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag

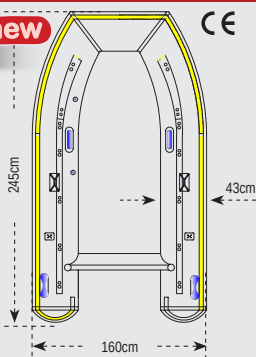


CODE	71784
"HERCULES PRO"	230AL/D
Maximum number of person	2
Maximum load	350
Maximum power	4HP/3KW
Overall dimension	230X137X38 cm
Internal length & width	151X60 cm
Net weight	38 kg
Floor	Aluminum Continuous
Tube diameter	36
No of chamber	3+1
Fabric	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag

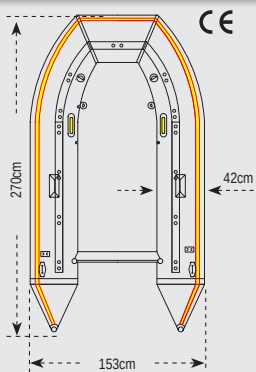


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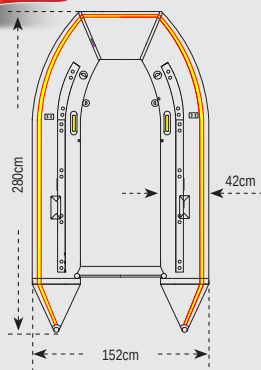
CODE	72117
"HERCULES PRO"	240FRP
Maximum number of person	2
Maximum load	450
Maximum power	5HP/3,73KW
Overall dimension	245x160x38,5cm
Internal length & width	172x70
Net weight	50 kg
Floor	Single FRP floor
Tube diameter	43 cm
No of chamber	3
Fabric	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



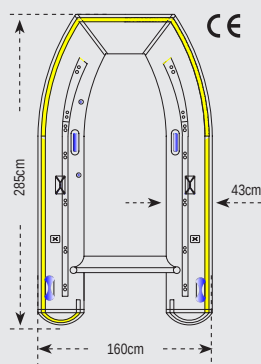
CODE	71786
"HERCULES PRO"	270AL/D
Maximum number of person	3,5
Maximum load	484
Maximum power	10HP/7,5KW
Overall dimension	270X153X38
Internal length & width	174X68
Net weight	48 kg
Floor	Aluminum Continuous
Tube diameter	42 cm
No of chamber	3+1
Material	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



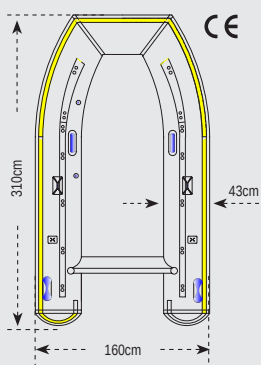
new



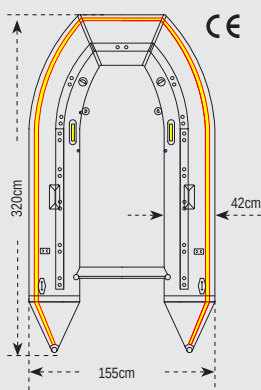
CODE	72074
"HERCULES PRO"	280
Maximum number of person	4
Maximum load	500
Maximum power	10HP/7,5KW
Overall dimension	280x152x38cm
Internal length & width	172x68cm
Net weight	51 kg
Floor	Wooden slats
Tube diameter	42 cm
No of chamber	3
Material	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



CODE	72118
"HERCULES PRO"	290FRP
Maximum number of person	3
Maximum load	550
Maximum power	10HP/7,5KW
Overall dimension	285x160x38,5cm
Internal length & width	210x70
Net weight	65 kg
Floor	Single FRP floor
Tube diameter	43 cm
No of chamber	3
Material	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



CODE	71787
"HERCULES PRO"	310FRP
Maximum number of person	3,5
Maximum load	600
Maximum power	15HP/11,2KW
Overall dimension	310x160x38,5cm
Internal length & width	234x70
Net weight	70 kg
Floor	Single FRP floor
Tube diameter	43 cm
No of chamber	3
Material	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



CODE	71788
"HERCULES PRO"	320AL/D
Maximum number of person	4,5
Maximum load	566
Maximum power	15HP/11,2KW
Overall dimension	320X155X38
Internal length & width	212X68
Net weight	55 kg
Floor	Aluminum Continuous
Tube diameter	42 cm
No of chamber	3+1
Material	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



"Hercules" Inflatable Boats

The inflatable boats are very useful as tenders to the main boat and can be valuable when approaching too shallow water. They are available in four sizes 185cm, 220cm, 240cm and 270cm. Additionally, they come in three floor variations, slatted, continuous foldable wooden or the latest technology, inflatable floor, so you can choose the one that suits you. Floors can also be purchased separately, giving you the choice to meet your needs. Depending on the model, "Hercules" boats come with inflatable keel, which is ideal for better lift and steering, when using the motor. "Hercules" boats are manufactured with two large diameter air chambers and have a 7cm wide fender strip to protect the tubes, as well as, deflect water away from the boat when seaway. They have handles and safety ropes suitable to hold while seaway or just to lift and carry the boat.

"Hercules" boats are made of PVC 1100D 1050 g/m² with cold-welded seams for durability and longer life. Lalizas offers you a 2-year guarantee for the material, as well as, the welding, so you can be sure that your Hercules is made to last long time. All Lalizas inflatable boats are equipped with two paddles, a foot pump, repair kit with rope and glue and a carry/storage bag. They are available in light grey.



HERCULES

Inflatable Boats “Hercules”		Max Number of Persons	Max Load (Kg)	Max Power (HP/KW)	DIMENSIONS			FLOOR			Inflatable Keel	AIR CHAMBERS		ACCESSORIES							
					Overall Dimensions (cm)	Stowed Dimensions (cm)	Weight (Kg)	Wooden Slats	Wooden Continuous	Inflatable		Diameter (cm)	Number of Air- Chambers	Outboard Strip	Handles	Rope	Oars	Wooden Seat	Storage Bag	Repair Kit	Belows Pump 5Lt
57348	“Hercules Shorty”	2	280	4,1/3	185x140	102x32x46	24	●				42	2	●	●	●	●	●	●	●	●
50910	“Hercules 220”	2	280	4,1/3	220x142	102x32x46	25,5	●				40	2	●	●	●	●	●	●	●	●
50911	“Hercules 220C”	2	280	4,1/3	220x142	102x30x56	32		●			40	2	●	●	●	●	●	●	●	●
50920	“Hercules 240”	3	310	4,9/3,6	240x142	102x32x48	26	●				40	2	●	●	●	●	●	●	●	●
50921	“Hercules 240CK”	3	310	4,9/3,6	240x142	102x30x60	34		●		●	40	2	●	●	●	●	●	●	●	●
50922	“Hercules 240KI”	3	310	4,9/3,6	240x142	102x32x48	27			●	●	40	2	●	●	●	●	●	●	●	●
50930	“Hercules 270CK”	3,5	360	5,4/4	270x142	102x30x66	37		●		●	40	2	●	●	●	●	●	●	●	●
50931	“Hercules 270KI”	3,5	360	5,4/4	270x142	102x30x66	29			●	●	40	2	●	●	●	●	●	●	●	●



CODE	57348
"Hercules"	185
Maximum Number of Persons	2
Maximum Load	280kg
Maximum Power	4,1 HP / 3KW
Overall Dimensions	185 x 140 cm
Stowed Dimensions	102x32x46 cm
Weight (Including floor)	24kg
Floor	4 Wooden Slats
Air Chambers Diameter	42cm
Number of Air Chambers	2
Seat	Wooden Seat (80x23x1,5cm)
Standard Equipment Included	Repair Kit, Foot Pump, 2 Paddles



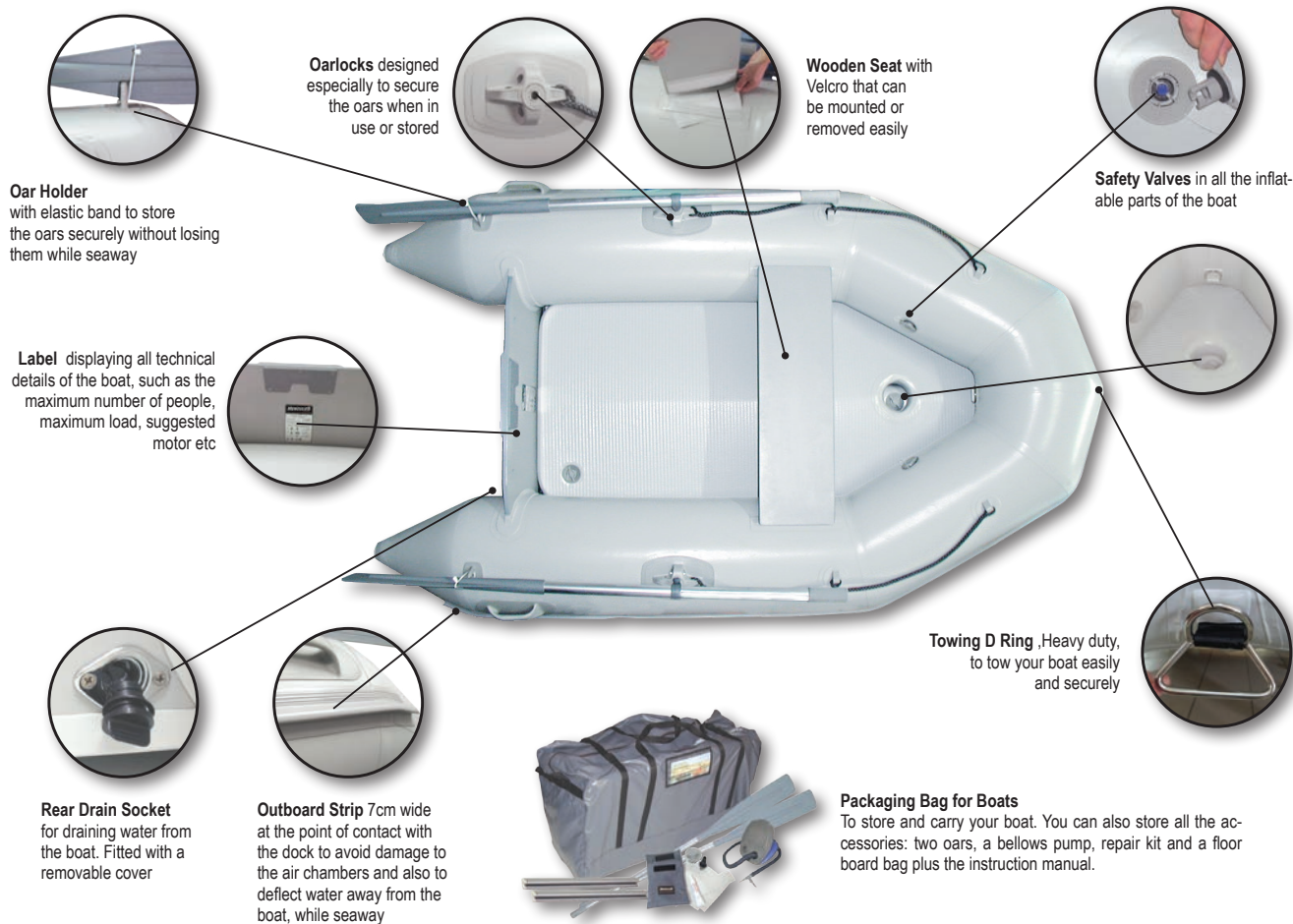
CODE	50910	50911
"Hercules"	220	220C
Maximum Number of Persons	2	
Maximum Load	280 kg	
Maximum Power	4,1 Hp / 3 KW	
Overall Dimensions	220 x 142 cm	
Stowed Dimensions	102x32x46 cm	102x30x56 cm
Weight (Including floor)	25,5 kg	32 kg
Floor	3 Wooden Slats (80x20x1,2cm)	Continuous Foldable Wooden
Air Chambers Diameter	40 cm	
Number of Air Chambers	2	
Seat	Wooden Seat (80x23x1,5cm)	
D-Rings	1	
Standard Equipment Included	Packaging Bag, Repair Kit, Foot Pump, 2 Paddles	



CODE	50920	50921	50922
"Hercules"	240	240CK	240Ki
Maximum Number of Persons	3		
Maximum Load	310 kg		
Maximum Power	4,9 Hp / 3,6 KW		
Overall Dimensions	240 x 142 cm		
Stowed Dimensions	102x32x48 cm	102x30x60 cm	102x32x48 cm
Weight (Including floor)	26 kg	34 kg	27 kg
Floor	3 Wooden Slats (80x20x1,2cm)	Continuous Foldable Wooden	Inflatable
Keel	-	Inflatable	Inflatable
Air Chambers Diameter	40 cm		
Number of Air Chambers	2		
Seat	Wooden Seat (80x23x1,5cm)		
D-Rings	1		
Standard Equipment Included	Packaging Bag, Repair Kit, Foot Pump, 2 Paddles		



CODE	50930	50931
"Hercules"	270CK	270Ki
Maximum Number of Persons	3,5	
Maximum Load	360 kg	
Maximum Power	5,4 Hp / 4 KW	
Overall Dimensions	270 x 142 cm	
Stowed Dimensions	102x30x66 cm	102x30x66 cm
Weight (Including floor)	37 kg	29 kg
Floor	Continuous Foldable Wooden	Inflatable
Keel	Inflatable	Inflatable
Air Chambers Diameter	40 cm	
Number of Air Chambers	2	
Seat	Wooden Seat (80x23x1,5cm)	
D-Rings	1	
Standard Equipment Included	Packaging Bag, Repair Kit, Foot Pump, 2 Paddles	





Inflatable floor for Hercules

Code	50945	50946
Model	240Ki	270Ki

Handle for Inflatable Boat
24x9,5cm - Grey

Code....57332

Rowlock Socket for
Inflatable Boat - Grey

Code....57333



Key for Valves

Code....98789

Inflating
Adaptor for Valve

Code....98970

Footpump 5 lt,
SeaPump

Code....50952



Inflating Valve Standard

Code	98788	98966
Colour	Black	Grey



Repair Kit

Contents:

- Glue for PVC Inflatable Boats
- Inflating Valve Standard
- Inflating Adaptor for valve
- PVC Material - 3 pieces

Code....50953

Buoyancy Tank Drain Socket,
with captive plug
Internal diam.: 18 mm,
External diam.: 23 mm

Code...16687

Captive Plug with
O-Ring for Drain
Socket

Code	Colour
45276	White
45277	Black

Plug for Drain Socket,
White

Code.....16713



16688

95781
9578243462
43463

43468



16797



43469



16689

43478
43477

16691



16690

Drain Socket with plug

Code	Specifications	Colour	Flange Dimensions (mm)	Overall Height (mm)	Height of Socket (mm)	Cutout Diameter (mm)	Depth Below Deck (mm)	Mini Internal Diameter (mm)
16688	Plain	White	48 x 36	28	19,5	27	15	19
16689	With 2 holes	White						
43462	With captive plug	White	54 x 33	55	25	27	20	19
43463	With captive plug	Black	54 x 33	55	25	27	20	19
95781	With captive plug	White	60x30	52	23	27	18	19
95782	With captive plug	Black	60x30	52	23	27	18	19
43468	With captive plug	White	Ø 40	55	25	27	20	19
43469	With captive plug	Black	Ø 40	55	25	27	20	19
43478	With 4 holes	Black	Ø 43	38	27	25	22	16,5
43477	With 4 holes	White	Ø 43					
16691	With captive plug	White	Ø 46	63	27	28	21	19
16690	Plain	White	Ø 48	76	66	28	62	19
16797	"Fast Lock"	White	Ø 43	107	96	27	91	19

Hook for Inflatable Boat Cover
Rope or shock cord 8 mm max.
Length 40 x height 40 mm

Code	Colour
28112	Black
44015	White
44016	Grey

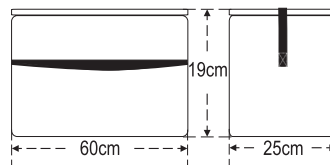
Inflatable Boat Accessories

Under Seat Storage Bag, Ténéré Sit & Store

The under seat storage bag provides you with the extra storage space that is so necessary on any boat. It is made of PVC Tarpuvin and has been designed to fit to any seat. It also features a shoulder strap which allows you to carry the bag when you leave the boat. The top of the bag is padded to "soften the ride" on the wooden seat. It is water resistant, while the waterproof zipper keeps the storage area dry. It is available in grey colour.



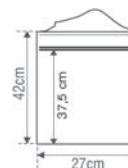
Code....70895

BEST
VALUEBEST
VALUE

Dry Briefcase

Lalizas Dry Briefcase has been designed especially for the protection of your boat's documents. Made of durable vinyl, it has clear front panel, which allows you to see the contents of the bag. Furthermore each dry bag has a lanyard loop. The Dry Briefcase has the advantage of floating on the water, depending, however, on the air captured and the weight of the contents. It features a 100% waterproof seal with Velcro.

Code....10450



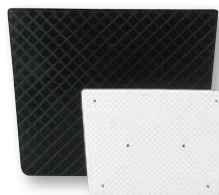
The dimensions
shown are when
the bag is empty

Outboard Engine Accessories



Transom pad

Code	Colour	Length (mm)	Height (mm)
45343	Black	230	86
45341	White		
45342	Grey		
45339	Black	270	98
45337	White		
45338	Grey		



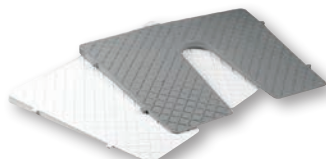
Transom pad

Code	Colour	Length (mm)	Height (mm)
45331	Black	300	220
45329	White		
45330	Grey		
45335	Black	450	360
45333	White		
45334	Grey		



Transom Pad Re-inforced
Rigid non-slip plastic. Prevents outboard
clamps from damaging the transom.
Dimensions : 250 x 90 mm.

Code...16943



Transom pad tilted

Code	Colour	Length (mm)	Height (mm)
195139	Black	450	360
195136	White		
195138	Grey		



Transom pad with cleft

Code	Colour	Length (mm)	Height (mm)
45327	Black	450	360
45324	White		
45326	Grey		

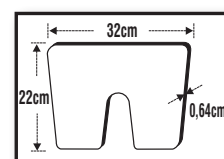


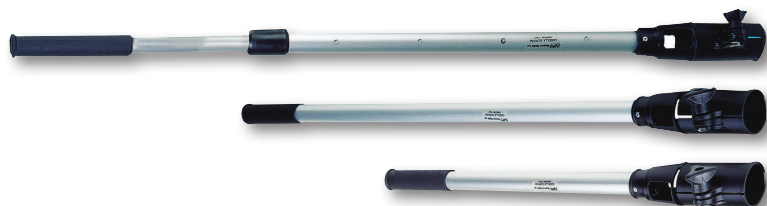
Outboard Transom Pad, 32x22cm

Offering protection against outboard clamp damage for most sizes of transoms. This pad is made of rigid UV stabilized polypropylene, with a non-slip surface for secure engine mounting.

Dimensions: 45x36x0,64cm.

Code	10314	72032	72033
Colour	White	Grey	Black





Tiller Extension for Outboard Engine

Code	Length
27117	65cm
27118	100cm
27119	80-111cm Telescopic



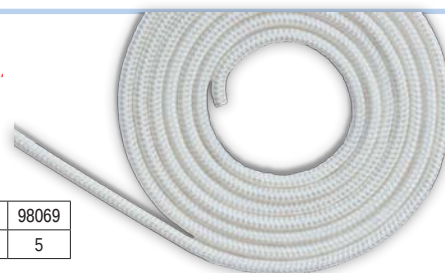
Safety lock for outboard engines, Inox 316

Code	99525	99526
Length (mm)	235	280



Engine Starter Rope, polyester

Code	90252	90253	98069
Diameter (mm)	3	4	5



Roll Bars

Roll Bars

The Lalizas roll bars are made of very strong 38mm polished stainless steel 316 tubes. They feature a telescopic adjustment in width. The 70635 has welded stainless steel pads on the sights to mount navigation lights or antennas.



Roll bar for inflatable boats, Inox 316
Height: 1120mm,
Diameter: 40mm
Width: 1560-2060mm
Code....70635



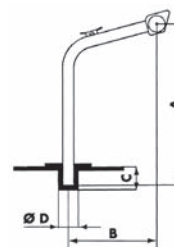
Roll bar for fibreglass boats, Inox 316
Height: 1160mm,
Diameter: 40mm
Width: 1650-2150mm
Code....70636

Davits



Davits Inox 316

Code	A (mm)	B (mm)	C (mm)	D (mm)	Tube Diameter (mm)	Max. Lift Weight (kg)
70141	1200	650	120	45	40	60
70142	1200	750	160	64	60	85



Inflation Pumps & Accessories

Double Action Hand/Floor Pump

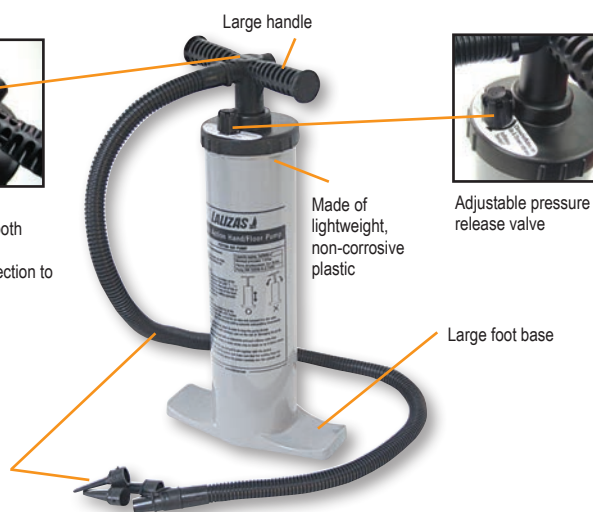
Lalizas have designed the practical and highly effective Double Action Hand/Floor Pump - ideal for inflating or deflating dinghies, ski tubes, air mattresses, plus many more inflatable products. To inflate or deflate simply fasten the air tube to the appropriate connection ("Inflate" or "Deflate") and pump with steady up and down strokes. The Pump also features an adjustable pressure release valve which allows you to inflate, either easily on the down stroke only (2,1Lt per stroke) or faster on both the up & down stroke (4,2Lt per stroke). The Lalizas Double Action Pump is supplied with a flexible air tube, 4 sizes of adaptor nozzles and a kit of 6 adaptors (also sold separately). Large comfortable handles give better grip and foot plates provide stability during pumping. The easy to maintain Lalizas Double Action Hand/Floor Pump is made of strong, non-corrosive, lightweight, grey plastic.

Code.....10230

Comes apart easily for inspection or maintenance

- Ideal for use on large inflatables
- Continuous stream - pumps air on both the up and down stroke
- Simple push-in hose-to-pump connection to inflates or deflates
- Comes apart easily for inspection or maintenance

Comes with large, non-Link hose and 4 sizes of interchangeable connecting nozzles and a multi-valve adaptor

**Automatic boat inflator 12V, 300mbar, 150 lt/min**

Fast, reliable, powerful automatic pressure regulator. The 12V pump 90015 is the first inflator/deflator specially designed to inflate and deflate boats and other inflatable structures up to full selected pressure.

Fast: About 150 l/min, inflates 4m boat in 8 minutes

Powerful: Maximum pressure 300 mbar (4.4 psi)

Adjustable: Pressure selectable between 150 to 300 mbar (2.2 psi & 4.4 psi)

Safety: Automatic stop at selected pressure

Economy: The specific pump has an average consumption of 9A

Pressure Regulator



Code.....90015

Electric boat inflator, 12V, 300mbar, 450 lt/min

- Adjustable pressure up to 300 mbar (4.4psi)

- Low consumption; max 18A - 12V

- No need for special cable; a usual cigarette lighter is enough

Pressure Regulator & carry bag

Boat Length	Inflation Time
3,80m	5 min
4,80m	8 min
5,70m	11 min
6,60m	13 min
7,50m	16 min

Code.....90017

**Auto boat inflator 12V w/recharg.batt., 300mbar,150lt/min**

It is equipped with a rechargeable 7/8 Ah battery, which allows when fully charged approx.

20 minutes of independent operation. It is supplied in a convenient cloth bag and includes a recharging cable for cigarette lighters.

The wall charger is available as an option.

Code.....72140

**Electric Boat Inflator SeaPump 12V, 40mbar, 400lt/min**

- Inflates or Deflates

- Self-adjusting pressure at 40 mbar (0,55psi) so as to avoid over-inflation

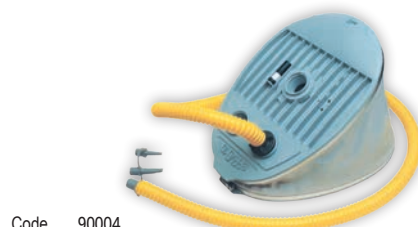
- Fast and durable motor

- Low current consumption

- Supplied with an adaptor suitable for the most common type of valves

- Can be connected to the car lighter (3m cable)

Code....11501



Code.....90004

Footpump, w/ double chamber

With the double chamber pump 90004, inflation to the recommended pressure of all fabric or rubberized boats, can easily be achieved with very limited effort.

**Footpump, type SeaPump**

Code	11498	50952
Liter/(lt)	3	5

Manometer with pump adaptor

Code.....90090

**Inflating adaptor for valve**

Code....98970

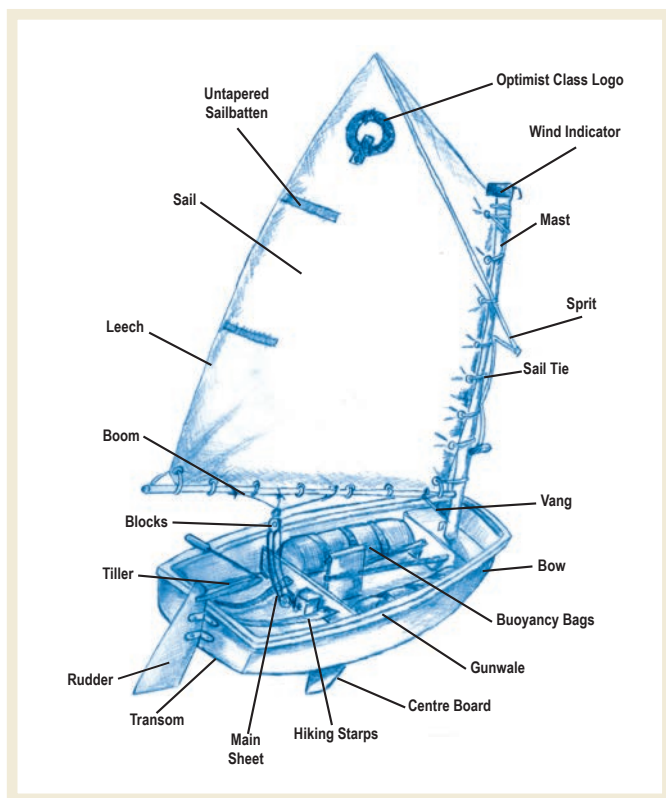
**Key for valves**

Code....98789

**Multi-Valve Adaptor**

Code....10231





BEST
VALUE



Optimist Boat Cover

Protects your Optimist from heavy wear and prolongs its life. The Optimist boat cover covers the entire dinghy and closes tightly for storage. It is made of heavy duty 600D Polyester with PVC backing and ripstop reinforcement to resist in rough weather conditions.

Code....70174

BEST
VALUE



Optimist Hiking Straps, L 1,5m W 5cm

Optimist hiking straps hold sailor's feet when hiking and absorb individuals' shocks during rough sailing. Our straps are made of 600D Polyester with PVC backing. They are filled with NBR foam in the middle, for both water resistance and a pleasant feel. The straps are put together on one edge, so as to be adjustable to the length of your feet. The straps are open on one edge to tie them on your Optimist, using a plate or buckle.

Code.....70175



57354

BEST
VALUE



57353

Buoyancy Bag with valve for Optimist, grey

Code	Material	Max Air Pressure	Dimensions
57353	PVC	0,5PSI	41x100cm
57354	Nylon with TPU	3,6PSI	



Lalizas Laser Boat Cover

Code....71296



Deck Collar for Optimist, Diam. 57mm

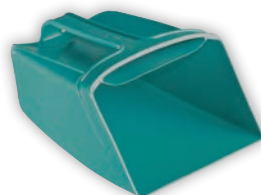
Code.....70139

BEST
VALUE



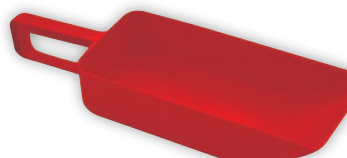
Urethane UNIVERSAL joint suits

Code.....95854



Bailer Flexible, Floating, Petrol Blue

length 190mm x width 135mm
Code....16207



Bailer Rigid Red

length 365mm x width 110mm
Code....44676



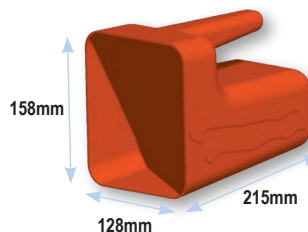
Bailer Rigid, White
length 410mm x width 220mm
Code....44680



Bailer Funnel with Filter
length 290mm x width 110mm
Code....44677



Bailer SVEZIA, Red
length 320mm x width 160mm
Code....44679



BEST VALUE

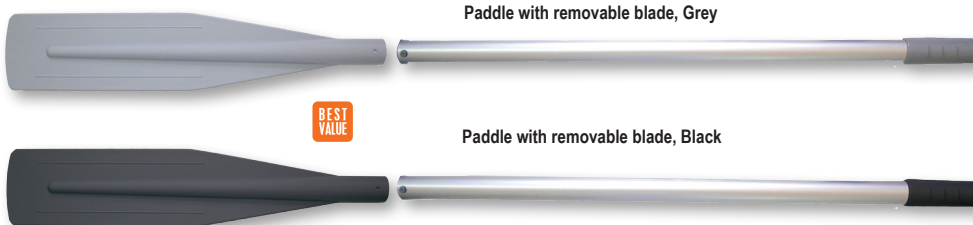
Scoop Bailer, 2,5lt, orange
Code.....11919

Oars & Oarlocks

Palm Grip Paddles

Quality aluminum paddles suitable for tenders, canoes and rowing boats. Made of a marine grade aluminum shaft and virtually indestructible plastic handle, collars and blades. The special design featuring a grab-handle at the end of each blade to aid recovery of a person in the water. Spare blades, collars, handles and rowlocks are available to maintain and extend the life of these products.

Code	Length (cm)	Diameter (mm)
50992	140	35
50994	150	
50993	140	
50995	150	



Paddle with removable blade, Grey

Paddle with removable blade, Black

Blade for Paddles (50992-50995)



BEST VALUE

Code	51000	51001
Colour	Grey	Black



Palm Grip Paddle

Code	Length (cm)	Diameter (mm)
50190	105	25
50200	120	



Power Palm Grip

Code	Length (cm)	Diameter (mm)
50220	135	35
50240	155	



Standard Paddle

Code	Length (cm)	Diameter (mm)
50210	130	25
50230	150	



Paddle

Code	Length (cm)	Diameter (mm)
50250	160	35
50270	185	
50290	205	
50300	220	



Multi-User Paddle (with Hook)

Code	Length (cm)	Diameter (mm)
50260	165	25



Soft PVC cover



Telescopic multi-user Paddle (with hook)

Κωδικός	Μήκος (cm)	Διάμετρος (mm)
57207	156-225	30
57347	122-169	30



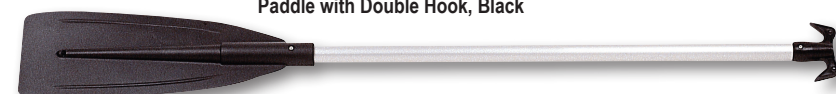
Paddle Telescopic with Double Hook, Grey

Code	Length (cm)	Diameter (mm)
44349	156 - 203	30
44350	104 - 130	30



Paddle Jointed with Double Hook, Black

Code	Length (cm)	Diameter (mm)
44347	141	30



Paddle with Double Hook, Black

Code	Length (cm)	Diameter (mm)
44346	140	30



Paddle Telescopic with double Hook, Black

Code	Length (cm)	Diameter (mm)
44348	143 - 195	30



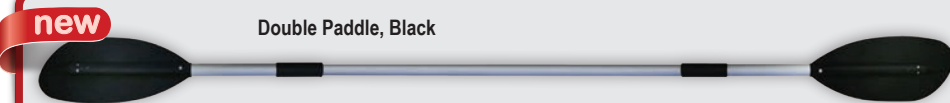
Paddle Jointed for Inflatable Boat, Black

Code	Length (cm)	Diameter (mm)
44367	160	35



Paddle Jointed with Collar for Inflatable Boat, Black

Code	Length (cm)	Diameter (mm)
44361	188	35



new

Double Paddle, Black

Code	Length (cm)	Diameter (mm)
72198	200	30



Kayak Paddle

Code	Length (cm)	Diameter (mm)
50280	200	25

Oars & Oarlocks



Kayak Paddle

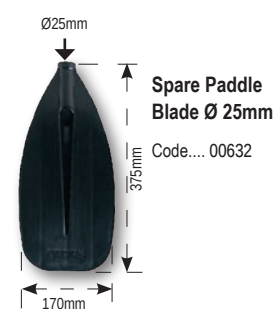
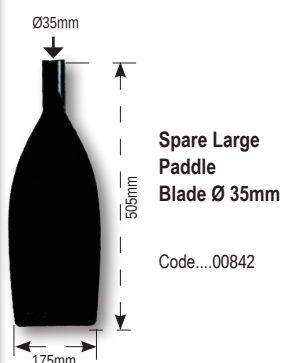
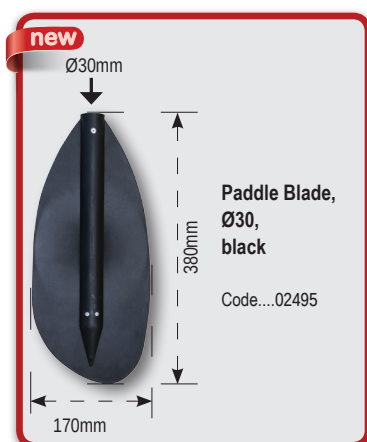


Code	Length (cm)	Diameter (mm)
50310	230	30

Kayak Dismountable Paddle, Black



Code	Length (cm)	Diameter (mm)
44343	220	30



Oar Collar, Plastic

Heavy duty flexible PVC. For easier fitting, submerge the collar in soapy water.



Code	Diameter (mm)
16543	32
16544	36
16545	45

Oar Collar, Plastic



Code	Diameter (mm)	Height (mm)
44175	35	45
44176	40	45
44177	45	55
44178	50	55
44180	55	63

Oar collar
Ø 35mm

Code.... 195578



Handle for Large Paddle Ø 35mm

Code.... 00843



Handle, Ø25mm, black

Code.. 50908



Handle, Ø30mm, black

Code.. 50100



Handle, Ø 35mm, black

Code.. 50110



Hook Double, Plastic Threaded, Ø30mm, Black

Code... 44243



Paddle End Cap, Int. Ø35mm, Black

Code....44085



Palm Grip, Ø 25mm

Code.... 00633



Hook, Ø25mm, Black

Code... 50180



Spare Plastic Hook, Female, with 2 ends

Code	Ø int. (mm)	Colour
44249	25	Black
44246	30	



Hook Plastic, Female, with 1 ends, Black Ø 30mm

Code.....16590



Hook Plastic, Female, Ø25mm, Black

Code.....38579

Plastic Support Clip



Code	Diameter (mm)
16702	16
16705	19
16703	25
16704	30
16707	50

Plastic Support Clip, Screwed



Code	Diameter (mm)	Colour
45191	15	White
45192		Black
45197	20	White
45198		Black
45203	25	White
45204		Black
45209	30	White
45210		Black

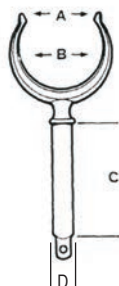
Code	Diameter (mm)	Colour
45215	35	White
45216		Black
45235	40	White
45236		Black
45241	45	White
45242		Black

Oarlock Polyamide

Code	Ø A (mm)	Ø B (mm)	Ø C (mm)	Ø D (mm)	Colour
44681	31	51	55	17	Black
44682	37	56			White
197207	31	51			
197208	37	56			

Oarlock Socket

Code	Description	Colour
43588	Top-mount	Black
43587	Side-mount	
197210	Top-mount	White
197209	Side-mount	



44681
44682
197207
197208



43587
197209



43588
197210

BEST VALUE



Rowlock Socket for Inflatable Boat - Grey

Code....57333



Rowlock with holder, inox, Ø 16mm, Length: 180mm

Code....70632

Ø35mm



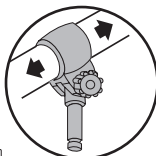
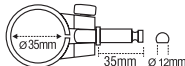
Spring Clip

Code....50530



Oars Lock with metal pin Ø 35mm

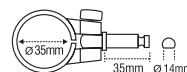
Code	50996	50997
Colour	Grey	Black



Oars Lock with plastic pin Ø 35mm

Code	50999
Colour	Black

BEST VALUE



BEST VALUE

Watersports & Diving

SUP & Accessories	49
Tow & Ski Ropes	50
Neoprene Wetsuits & Rash Guards	50-52
Diving Knives	52
Diving Buoys	53
Diving Masks & Snorkels	53
Fins	53

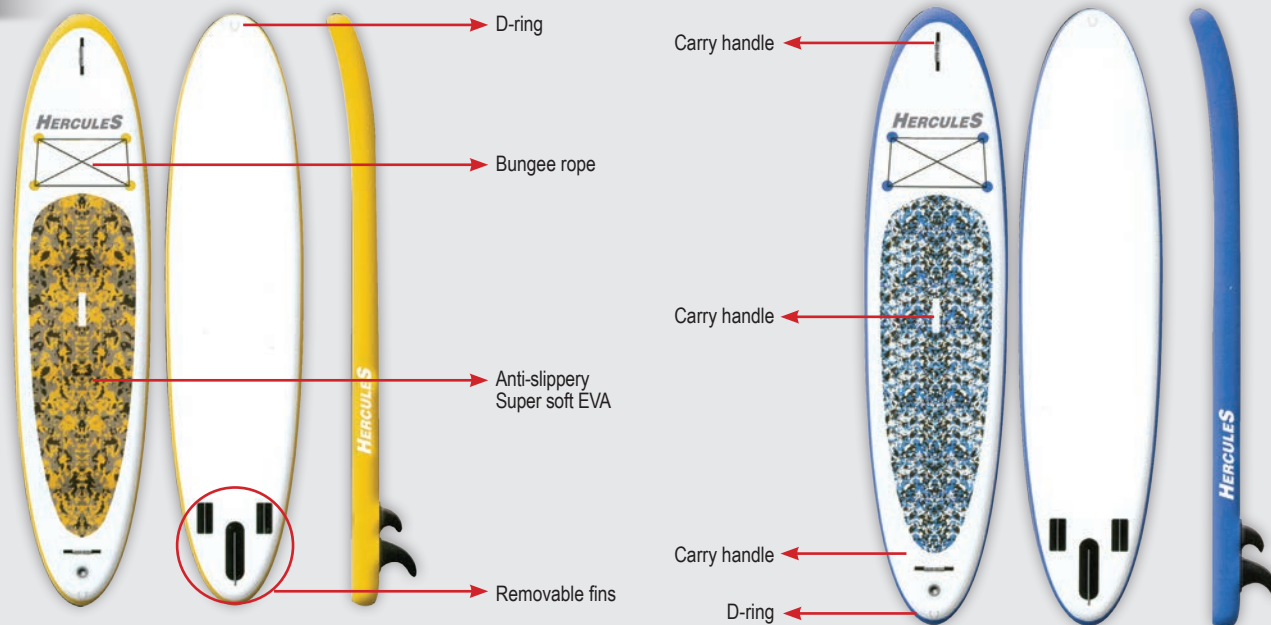


Hercules Sup Board 305cm

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new

HERCULES**Hercules Sup Board 305cm**

SUP 10' - Yellow
305x80x10cm (10')
Code...72305

Specs

11,5 kg weight Approx.
12-15 psi
Drop stitch material
PVC coated fabric
Very fancy design
Ideal for beginners and intermediate users

Hercules Sup Board 320cm

SUP 10' 6" - Blue
320x75x15cm (10' 6")
Code...72306

Package Includes

2 Fins (small size)



1 Fin (big size)

1 Repair Kit
(2 pcs of fabric & 1 glue)1 High
Pressure
hand pump

1 backpack

**Hercules Sup Paddle 210cm**

- Folding for easy transportation and storage
- Made from aluminum material
- Special SUP handle
- Just 1 kg weight for extended use

Code...72307

Tow & Ski Ropes



Tow Rope

Code	92893
Length	18,3m
Diameter	13mm (1/2")
Strength	1100kg
Strands	16



Ski rope "Water Action"

Code	92889
Length	23m
Diameter	8mm (5/16")
Strength	454kg
Strands	16
Handle's Length	28cm (11")
Handle's Material	Aluminium with rubber
Handle's Colour	Black

*Handle is not detachable



Tow Harness w/ float & pulley

Code	98745
Length	2,5m
Diameter	8mm (5/16")
Rope Strength	454kg
Strands	8



Tow Harness w/ float

Code	98744
Length	2,5m
Diameter	8mm (5/16")
Strength	454kg
Strands	8



Ski rope "Professional"

Code	92888
Length	23m
Diameter	10mm (3/8")
Strength	726kg
Strands	16
Handle's Length	30cm (12")
Handle's Material	Aluminium with rubber
Handle's Colour	Black

*Handle is not detachable

Neoprene Wetsuits & Rash Guards

"Pro Race" series

The "Pro Race" series will greatly improve your sporting experience. Sailors, water-skiers, surfers, windsurfers, wakeboarders, snorkeling and kayak devotees select Pro Race quality for all waters. Increase your adrenalin rush by wearing your Pro Race shield.

Wetsuit Sizing Measurements

MEN

Size	S	M	L	XL	XXL
Height	168-172	170-176	174-180	178-186	184-192
Waist	69	74	79	84	89
Chest	80	85	90	95	100
Neck	34	35	36	37	38
Neck to crotch	66,5	68,5	70,5	73	76

WOMEN

Size	S	M	L	XL	XXL
Height	166-172	168-174	172-178	176-182	180-188
Waist	61	66	71	76	81
Chest	75	80	85	90	95
Neck	28	29	31	32	33
Neck to crotch	65	67	69	71	73

CHILDREN

Size	JS	JM	JL	JXL	JXXL
Height	120-128	128-136	136-144	144-152	152-160
Waist	58,5	61	63,5	66	68,5
Chest	63,5	67,5	71	75	79
Neck	26,5	28	30,5	32	33
Neck to crotch	48	52	56	58	61

Dimensions are in cm

Neoprene Wetsuit "Pro Race" Thermal Shorty 1mm

The Shorty Wetsuit for children uses thermal technology, which makes it breathable, while it protects your child from water irritations and UV radiation. It has 1mm neoprene thickness to keep your child warm and flatlocked seams to prevent water leaks. The adjustable neck shut offers absolute hang of the wetsuit on your child's body. In addition, the thermal backing of "Shorty" wetsuit allows your child to make abrupt movements and stay cosy, as thermal overlay is light and smooth. Thermal wetsuit closes easily with a mackintosh back zipper.



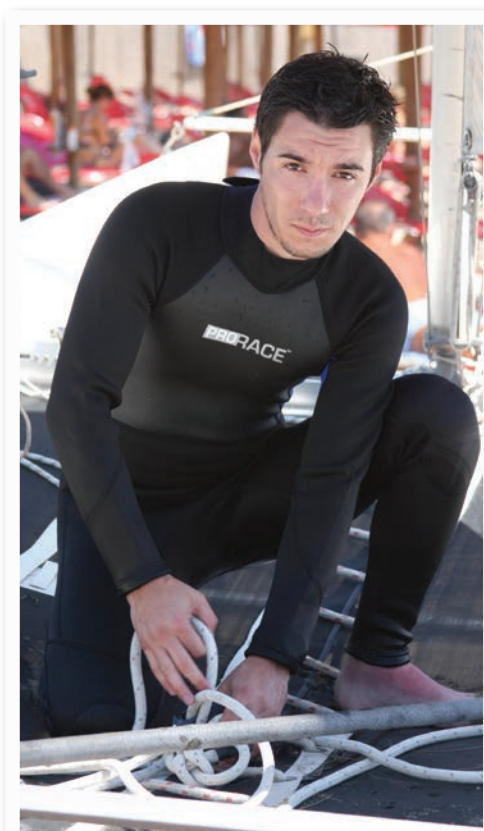
Code	70516	70517	70518	70519	70520
Size	JS	JM	JL	JXL	JXXL

For Children



Neoprene Full Wetsuit "Pro Race" 3:2mm

Full wetsuits are your sport garments for the sea. Your main body is covered with 3mm neoprene thickness, while your legs and arms are covered with 2mm neoprene thickness. Therefore, the neoprene suit keeps your body warm and offers you high degree of flexibility. Flatlocked seams, waterproof back zipper, adjustable neck and aqua stops at limb-ends' prevent water leaks and keep you warm. Wind resistance is provided to your chest and back, which are covered by an additional overlay of impermeable fabric. This wetsuit is equipped with special kneecaps and a hidden small pocket (at the back) for your keys.



For Men

Code	70526	70527	70528	70529	70530
Size	S	M	L	XL	XXL



For Men



For Ladies



For Children

Code	70531	70532	70533	70534	70535
Size	JS	JM	JL	JXL	JXXL

For Ladies

For Children

Code	70521	70522	70523	70524	70525
Size	S	M	L	XL	XXL

Neoprene Wetsuit "Pro Race" Shorty 2,5mm

In warm weather conditions, Shorty wetsuits with 2.5mm neoprene thickness will give you flexibility, impermeability and UV protection. This wetsuit is entirely sealed with flatlocked seams and aqua stops at sleeves edges and trouser-ends to prevent water flows. Two smooth overlays at the front and back of the wetsuits offer you wind resistance, in chilly days. All Pro Race wetsuits include waterproof back zipper and adjustable neck to embrace your body. There is a special pocket for the keys inside the wetsuit next to the zipper.



For Men



For Ladies

For Men

Code	70511	70512	70513	70514	70515
Size	S	M	L	XL	XXL

For Ladies

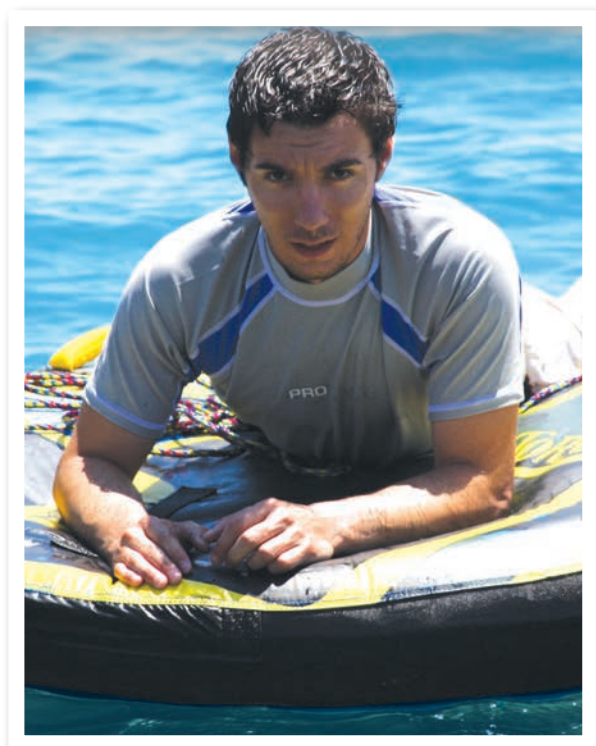
Code	70506	70507	70508	70509	70510
Size	S	M	L	XL	XXL



Neoprene Wetsuits & Rash Guards

Rash Guards SPF 50+

Rash Guards are shirts made of spandex and nylon to protect the skin from sunburns and water irritations. They offer over 50°C UV protection and are a light top for water sports. When the weather is too warm for a wetsuit, rash guards safeguard your body from water and wave irritations or chafes on rough surfaces. In addition, their special elastic fabric makes sweat evaporate faster than regular fabrics, keeping you warm and comfortable. Pro Race Rash Guards come in short and long sleeves version for your annual protection.



For Adults

Code	70536	70537	70538
Size	S	M	L



For Children

Code	70539	70540	70541	70542
Size	JS	JM	JL	JXL



For Adults

Code	70543	70544	70545
Size	S	M	L



For Children

Code	70546	70547	70548	70549
Size	JS	JM	JL	JXL

Sailing Shoes, 2mm

"Pro Race" shoes are stylish and comfortable footwear for the beach and all water-sport activities. They have 2mm neoprene thickness and rubber soles to keep you warm and stable on rough surfaces. "Pro Race" shoes are flexible as they protect your feet from sand and water irritations. They are easily packed for beach walks and you will find them useful during boating, surfing or snorkeling, because they insulate your feet from friction on rough surfaces, rocks and coral reefs.



For Children

Code	70558	70559	70560
No	31/32	33	34/35

For Adults

Code	70550	70551	70552	70553	70554	70555	70556	70557
No	36	37/38	39	40/41	42	43/44	45	46/47

Diving Knives



Diving knife "Security",
Stainless Steel,
blade: 11,5cm (4,5")

Code....61844



Diving knife "Discovery",
Stainless Steel,
blade: 14,3cm (6")

Code....70198



Diving knife "Freedom",
Stainless Steel,
blade: 13,5cm, (5,5")

Code....70197

Diver Buoy

It is ideal for divers wearing air cylinders. It is easy for the diver to use, since it is especially designed so as to allow diver freedom of movement without jeopardizing his safety. The red buoy is folded and attached with a rope (6m) inside the blue case; the case has a sewn black plastic clip on, which allows the diver to fasten the buoy onto his suit for easy carrying. Additionally, the case features a whistle for use in any emergency. The buoy is made of soft PVC, 0.3mm thick, while the case is made of 1000D Polyester with PVC film, 0.5mm thick.

Dimensions: L 20cm W 8cm (packed)
H 145cm W 15cm (inflated)

Instructions of Use

Open the case and release the buoy. Use the cylinder to provide the buoy with a small quantity of air. In this way, the pressure of the air, along with the pressure of the water will allow the buoy to inflate and pop up onto the water surface, warning other boats that a diver will soon be afloat at this specific point.

Code...70017



BEST
VALUE

BEST
VALUE



Round marker buoy
small, "SAFE DIVE"
diam. 30cm, height 50cm

Code..... 97814

BEST
VALUE



Torpedo diving marker
buoy, "SAFE DIVE"
diam. 28cm, length 88cm

Code..... 97816

BEST
VALUE



Torpedo diving marker
buoy, reinforced,
"SAFE DIVE" with 20m rope

Code..... 97813

Diving Masks & Snorkels



2 Window Black Silicone Mask w/
tempered glass

Code...98791



Snorkel w/ PVC middle part &
mouthpiece, light grey

Code...98763



Combo set w/ silicone mask &
silicone snorkel, black-silver

Code...98759

Fins

Flexible Fins, blue/silver

Code	Size
90364	S (36-37)
90365	M (38-39)
90366	ML (40-41)
90367	L (42-43)
90368	XL (44-45)
90369	XXL (46-47)



Engine

Fuel Tanks & Accessories	55-60
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Outboard bracket with
plywood pad for engines
up to 60Kg, Inox 316

Page 66



Oil extractor,
4 ltr capacity

Page 64



Diablo

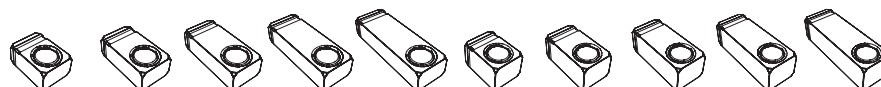
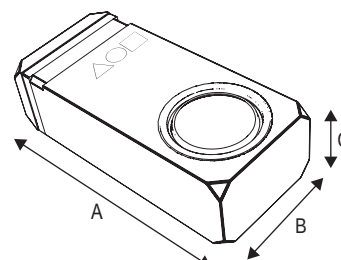


DIABLO tanks

- Designed in recyclable HDPE
- Very easy to clean
- Compatible with gasoline, diesel, ethanol, alternative fuel & organic vegetable oil
- One of a kind

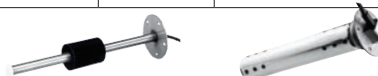


Rina Approved

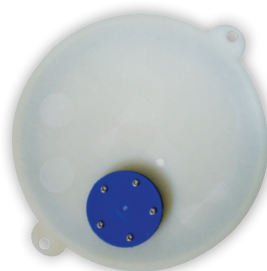
197341
197342197343
197344197345
197346

Code	197477	197478	197479	197480	197481	197482	197483	197484	197485	197486
Capacity (lt)	37	48	60	70	82	49	64	78	93	108
A - Length (mm)	500	650	800	950	1100	500	650	800	950	1100
B - Width (mm)	360	360	360	360	360	360	360	360	360	360
C - Height (mm)	230	230	230	230	230	305	305	305	305	305

Sensor (optional)			
Impedance (Ohm)		0-190	240-33
			240-33
	h=230mm	197348 (200mm)	197357 (200mm)
	h=305mm	197350 (300mm)	197359 (300mm)
			196911 (233mm)

DIABLO Easy switch
fuel plate

Code.....197487

DIABLO Easy Switch
Blind Plate, without
Connectors

Code.....197490

Bracket for Battery Box/
Fuel Tank, with Strap1,50m
Code.....43897

197492, 197495, 197497



197493, 197494, 197496



197501

Code	Description	197487 Easy switch fuel
197492	DIABLO Easy Switch Connector 90°, Ø38mm, 1½" thread	1
197493	DIABLO Easy Switch cap 1½" thread	1
197494	DIABLO Easy Switch cap ¾" thread	2
197495	DIABLO Easy Switch Connector 90°, Ø17mm, ¾" thread	1
197496	DIABLO Easy Switch cap ½" thread	1
197497	DIABLO Easy Switch Connector 90°, Ø11mm, ½" thread	1
197501	DIABLO Easy Switch Internal Gasket Ø235 x 17,5mm	1

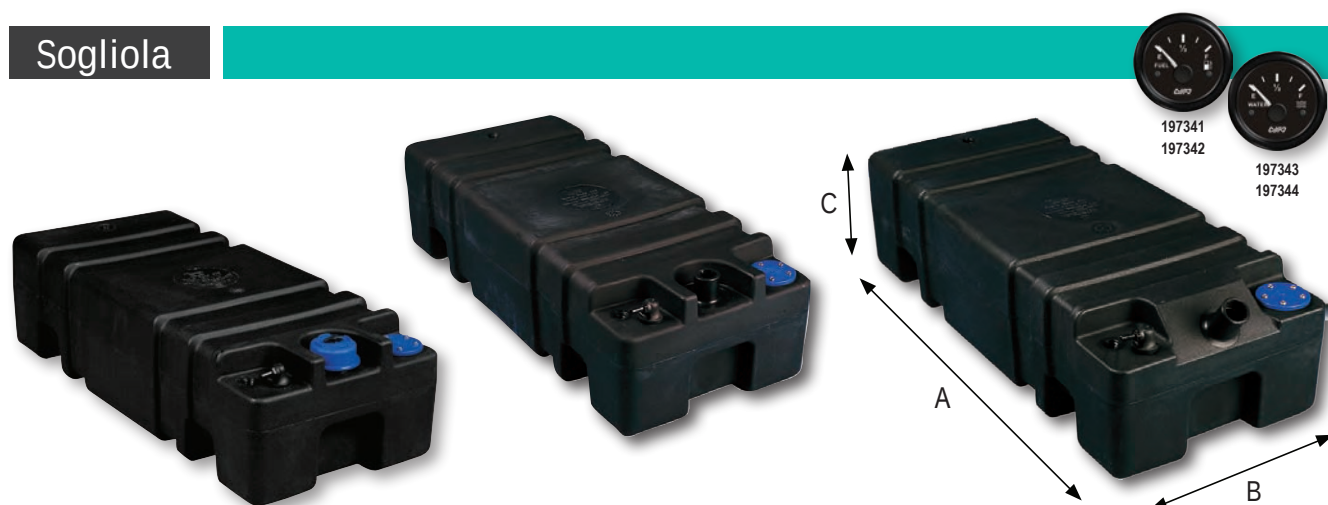
Ercole


ERCOLE Fuel Tank

Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	Connector Pipe Ø (mm)	Deck Filler	Sensor (optional)	
44797	With filler cap	41	500	350	300	8	Thread Ø 50mm		
44799		55	650						
44801		69	800						
50195	Without cap	41	500	350	300		Straight Ø 38mm		
50199		55	650						
50205		69	800						
50196	Without cap	41	500	350	300		45° Ø 38mm		
35008		55	650						
50206		69	800						



Sogliola


SOGLIOLA Fuel Tank

Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	Connector Pipe Ø (mm)	Deck Filler	Sensor (optional)	
44832	With filler cap	38	650	350	220	8	Thread Ø 50mm		
44834		49	850						
44836		73	110						
50209	Without cap	38	650	350	220		Straight Ø 38mm		
50214		49	850						
50218		73	1100						
35009	Without cap	38	650	350	220		45° Ø 38mm		
50215		49	850						
50219		73	1100						





Ercole - Sogliola

Code	Description
45284	A Tank Filler Cap
44467	C Fuel Pick-up Tube w/Pipe Conn. Ø8mm
50140	D Water Pick-Up Tube, w/ Ø16mm Conn.
44088	FGHE Set Connectors w/Ø50mm Straight
44089	GHI Set Connectors, w/Ø38mm Straight
43366	E Straigh Connector Ø50mm
43368	I Straigh Connector Ø38mm

Code	Description
44090	FGHM Set Connectors, w/Ø50mm 90° Elbow
44091	GHN Set Connectors, w/Ø38mm 90° Elbow
43370	M Elbow Connector 90°, Ø50mm
43374	N Elbow Connector 90°, Ø38mm
44624	F Elbow Conn. 90°, Pipe f/Fuel Return
44569	P Vent. Elbow Conn. 90°, Hose Ø16mm
44838	Q Universal Bracket w/Holding Straps

Mistral

MISTRAL Tank Fuel with Sender

High-density polyethylene (HDPE) offering high chemical, mechanical and fire resistance. Tanks feature: one central column for increased rigidity of the tank and easy securing to the boat, lateral baffles to reduce fuel tossing.

Come with integrated sensor including:

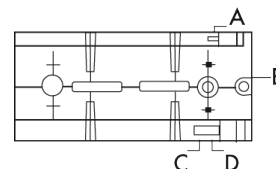
- nozzles (flue / diesel)
- 1 vent, ext. Ø 16-18mm



197341
197342



Code	Capacity (lt)	Length (mm)	Width (mm)	Height (mm)	Connectors				Sender
					Ø A (mm)	Ø B (mm)	Ø C (mm)	Ø D (mm)	
196251	55	900	245	400	16	38	38	50	197070 0-190 Ohm



*For diesel tank use sender 197073

Hulk

HULK Portable Tank Fuel

- HDPE
- Ø 8mm outlet with filter
- With vented filler cap
- With level gauge (only for 44804 & 44805)

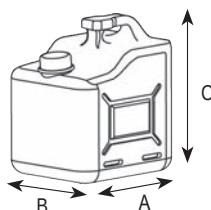
Code	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	Fuel Gauge
44803	12	410	260	195	No
44804	22	460	305	265	Yes
44805	30	510	360	270	Yes



RINA
TYPE APPROVAL
N.DIP. 342507CS/001



Jerrycans



JERRYCAN Portable Fuel Tank with Spout

Very stable and easy to grip. Top handle and bottom design make it easy to carry and facilitate pouring. Increased stability due to large base dimensions.

- HDPE
- Features a vent filler cap
- Supplied with spout

Code	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)
43604	5	300	240	185
43598	10	300	240	250
43600	15	300	240	330
43602	22	300	245	440

CE CE/N. DIP. 64496/4
CE/N. DIP. 64496/5



Fuel Portable Tank with Filter

- HDPE
- Ø 8mm outlet with filter
- With vented filler cap

Code	Capacity (lt)	Length (mm)	Width (mm)	Height (mm)	Fuel Gauge
44790	10	330	245	135	No
44789*	25	440	295	210	Yes

*Suitable for diesel by adding 44624 (Pipe fuel return)



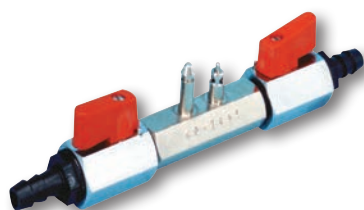
Ø 8mm outlet with filter

Storage Bottles

To store safety equipment, medicine or personal belongings. Silicone gasket for optimum water resistance. Possibility to add a carrying rope.



Code	Capacity (lt)	Diameter (mm)	Height (mm)
39642	6	240	195
39643	8		260
39644	12		380
39645	15		440

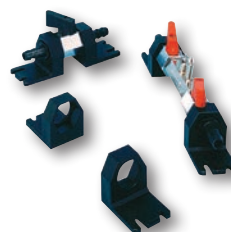


Fuel Valve 2-way, hose Ø 10 mm.

Code	For engines
43707	OMC - JOHNSON - EVINRUDE.
43708	YAMAHA - MARINER - MERCURY - HONDA.



Fuel Valve Shut-off for
Hose Ø8mm
Code...44631



Fuel Valve Holding
Bracket (Pair)
Code...45186



Oil Measurer
Diam. 58mm
Height 120mm
Code.....26897



**Odour-free filter
for hose Ø 16 - 19 mm.**
Code...51732



3-way diverter valve
Code...196791



Bailer Funnel with Filter
length 290mm x width 110mm
Code....44677



**Filler Cap with Vent for
Portable Fuel Tanks**
Code.....45301



**Funnel Flex. with
Filter & Extension**

Code	31354
Diameter	145mm



Funnel w/ filter

Code	27480
Diameter	180mm
Height	240mm



Extension for funnel
27480

Code	37350
Length	250mm



**Spout For JERRYCAN
Portable Fuel Tanks**
Code.....45415



**Handle for Portable
Fuel Tank, L.310mm,
Black**
Code...44179



**Universal Base with
Strap, 280mmx178mm**
Code...43901



**Strap For Fuel Tank/
Battery Box Fixing,
Length 1,30m**
Code...43895



**Bracket for Battery Box/
Fuel Tank, with Strap
1,50m**
Code.....43897



Fitting for tank vent

Code	Hose Diameter (mm)
44567	16
44568	20



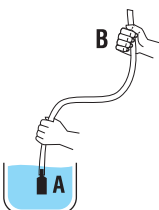
Connectors Ø1/4"

Code	Description
43451	For Line Plastic Ø8mm

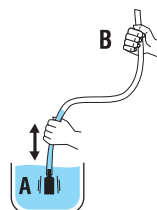


Suction hand pump, length 160cm

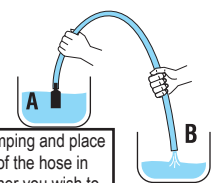
Code	70002	70003
Diameter (mm)	12,5	25



1. Place the bottom end A of the hosepipe into the tank with the liquid that you wish to pump out and hold the top end B of the hosepipe upright



2. Shake the bottom end of the hose vigorously up and down until the liquid rises in the hose, continue pumping until the liquid passes balance level



3. Stop pumping and place top end of the hose in the container you wish to fill and the liquid will flow automatically

ATTENTION: Make sure that the empty container is placed below the level of the container you wish to empty

SUITABLE FOR PETROL - DIESEL - WATER



Pick-up Tube with Filter
& Pipe Connector Ø1/4"
Code...44469



Sender for Fuel or Diesel Tanks
(12/24V, St.Steel 316, SAE6)

Code	Use Type	Height (mm)	Impedance (Ohm)	Suitable for
197070	Fuel	195	0 - 190	Mistral
197077		233		For custom made tank
197180		272		
197068		293		
197066		315		
197067	330			
197073	Diesel	195		
197075		233		
197076		293		

new

Sensor for Fuel & Water Tanks
(12/24V, St.Steel 316, SAE5)



Code	Use Type	Height (mm)	Impedance (Ohm)	Suitable for
197347	Fuel & Water	150	0 - 190	Sogliola
197348		200		Diablo H200mm Ercole - Bora
197349		250		Diablo H305mm Ercole
197350		300		Diablo H305mm
197351		350		For custom made tank
197352		400		
197353		450		
197354		500		
197355		600		
197356		150	240 - 33	Sogliola
197357		200		Diablo H200mm Ercole - Bora
197358		250		Diablo H305mm Ercole
197359		300		Diablo H305mm
197360		350		For custom made tank
197361		400		
197362		450		
197363		500		
197364		600		



Sensor for Fresh Water
& Waste Tanks
(12/24V, St.Steel 316, SAE5)

Code	Use Type	Height (mm)	Impedance (Ohm)	Suitable for
197365	Waste Water	150	240 - 33	Diablo - Sogliola
196911		233		Diablo - Ercole Bora - Blizzard
197367		350		For custom made tank
196909		480		Zefiro 40lt
196910		690		Zefiro 60lt

Fuel Hoses, Bulbs & Connectors



Fuel primer bulb with hose Ø8mm

Code	45386	31958
Material	PVC	
Hose Length (m)	2	
Bulb Code	44476	31957



Fuel primer bulb with hose Ø8mm

Code	45387	45388*
Material	Rubber	
Hose Length (m)	2	3
Bulb Code	31957	31957

*With filter



Fuel Primer bulb for hose Ø8mm

Code	44476	31957
Diameter (mm)	39	45
Length (mm)	130	150
Hose Diameter (mm)	8	

Fuel hose
Length 50m

Code	Material	Internal diameter (mm)	External diameter (mm)
37338	Polyurethane	7	12
37339	PVC	7	13
39311	Polyurethane	10	16



Plastic Ties

Code	Colour	Length (mm)	Width (mm)	max diameter (mm)
43816	black	120	4	28
43824		200	5	51
43830		360	5	112
43815	white	120	4	28
43822		200	5	51
43829		360	5	112



Suzuki / Chrysler



Fuel Line Tank Female
connector with Ø 8mm barb
>60 CV, chromed brass
Code....31950



Fuel Line Tank Female
connector with 8mm barb,
chromed brass
Code....31943



Fuel Line Tank Male
connector with 1/4" NPT
>60 CV, chromed brass
Code....31946



Mercury 1998 > / Mariner

Fuel Line Tank Male
connector with Ø9,5mm barb
Code....43308



Fuel Line Tank Male
connector with Ø8,5mm barb
Code....43314



Fuel Line Tank Female
connector with Ø9,5mm barb
Code....31942



Fuel Line Tank Male connector
with Ø10mm barb, double
Code....43324



Tank Male connector
with 1/4" NPT barb
Code....43322



Fuel Line Tank Female
connector with Ø9,5mm barb
Code....31951



Yamaha

Fuel Line Tank Male
connector with Ø8,5mm barb
Code....43314



Fuel Line Tank Female
connector with Ø9,5mm barb
Code....31942



Fuel Line Tank Male Connector
with Ø10mm barb, double
Code....43324



Tank Male connector
with 1/4" NPT barb
Code....43322



OMC / Johnson / Evinrude

Fuel Line Tank Female
connector with Ø9,5mm barb
Code....31941



Fuel Line Tank Male connector
with Ø10mm barb, double
Code....43333



Fuel Line Tank Male
connector with Ø1 1/4" NPT barb
Code....43331



Fuel Line Tank Male
connector with Ø6,5mm barb
Code....43329



Honda

Fuel Line Tank Female
connector with Ø9,5mm barb
Code....43301



Tohatsu / Selva

Fuel Line Tank Male
connector with Ø8mm barb
Code....31956



Fuel Line Tank Female
connector with Ø8mm barb
Code....31952



Deck fillers for gas,diesel,water,waste, black

The Deck Filler range includes deck fills appropriate for water, fuel and wastes. They are designed in such a way, so that the full lid area is covered, which makes the final look much more attractive. Each deck filler could have a different use, which could always be clear - sighted by using the relevant sticker (water, fuel, wastes) included in each fill's packing. They are made of highly resistant plastic and are available in 38mm and 50mm diameter.



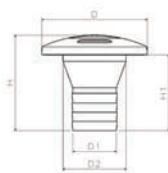
Deck fill 38mm tube with
chrome plated cap

Code	70594	70595
Tube Diam.	38mm (1-1/2")	50mm(2")

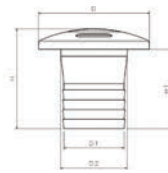


Deck filler

Code	99567	99568
Tube Diam.	38mm (1-1/2")	50mm(2")



38 (1-1/2")



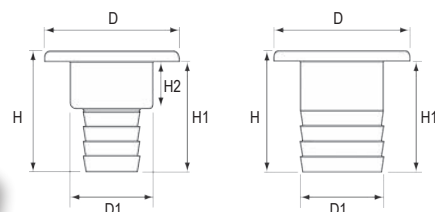
50 (2")

Hose diam. D1 (mm/inch)	H (mm)	H1 (mm)	diam. D (mm)	Cut out D2 (mm)
38 (1-1/2")	84	66	92	55
50 (2")				

Deck Filler, Glass Reinforced PA

Construction in 2 materials to combine sturdiness, lightweight and stylish design:

- Deck filler's body in glass re-inforced nylon.
- Cap in 316 L stainless steel
- Open with dual imprint key or manually thanks to finger-grip cap

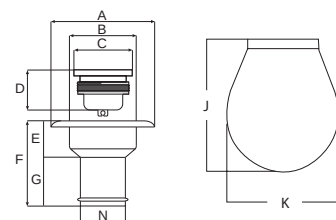


Code	Model	Hose diam. (mm/inch)	H (mm)	H1 (mm)	H2 (mm)	diam. D (mm)	diam. D1 (mm)
197206	Water	38 / 1 1/2"	75	66	23	92	50
197203	Fuel	51 / 2"			-		
197205	Diesel						

Plastic Deck Fillers, Flip Top



Code	Model	Hose Ø (mm)
196275	Water	38 (1½")
196265	Fuel	38 (1½")
196266		51 (2")
196267	Diesel	38 (1½")
196268		51 (2")



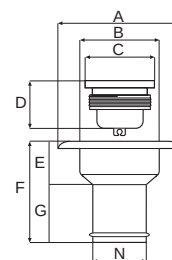
	A (mm)	Ø B (mm)	Ø C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Ø N (mm)	K (mm)	J (mm)
Ø 38	80x93	55	48	33	26	72	46	38	84	98
Ø 51	80x93	55	48	33	26	72	46	50	84	98

Plastic Deck Fillers



Code	Model	Hose Ø (mm)	Colour
45298	Water	38 (1½")	White
47618			Cream
35011			White
50311	Fuel	38 (1½")	Cream
45282			White
45283			Black

	A (mm)	Ø B (mm)	Ø C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Ø N (mm)
Ø 38	85	55	48	33	26	72	46	38
Ø 51	85	55	48	33	26	72	46	50





**Spare Deck Filler Cap
with Chain for Fuel**

Code....195015



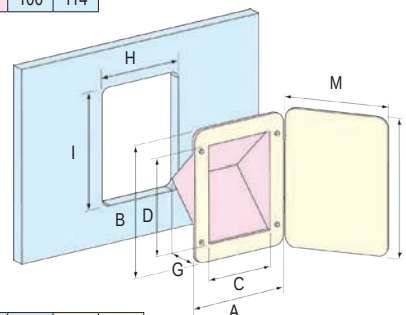
**Spare Deck Filler Cap
with Chain for Water**

Code....195016

Cases with Deck filler

Code	Use	Hose Ø (mm)	Colour
44306	Water	38	White
50023	Fuel		
50025	Diesel		
50024	Fuel	38	Cream

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	100	114



Cases with Deck filler with lid

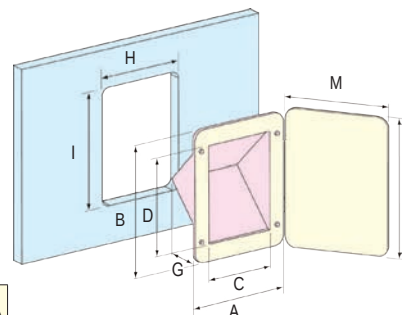
Code	Use	Hose Ø (mm)	Colour
196419	Water	38	White
196417	Fuel		
196418	Diesel		
196415	Fuel	50	

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
145	191	110	155	80	114	100	200	165

Cases for Deck filler

Code	Colour
44302	White
647442	Cream

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	160	144

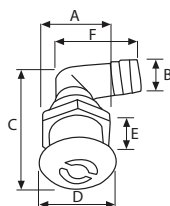
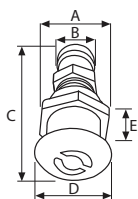


**Cases for Deck filler
with Lid**

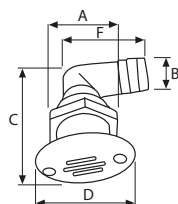
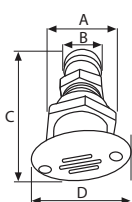
Code	Colour
196414	White

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
145	191	110	155	80	144	160	200	165

Vents



37331



31515



37330



31517

Ventilators for Tank

Code	Description	Colour	A (mm)	Hose Ø B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
37331	Straight	White	16	29	83	41	40	-
31515	Elbow 90°	White	16	29	83	41	40	50
37330	Straight	White	16	29	83	60x40	40	-
31517	Elbow 90°	White	16	29	83	60x40	40	50



Oil extractor,
4 ltr capacity
Code....99565

Outboard Engine Flushers



Outboard Engine Flusher,
Double Intakes, Large
Length 280mm, diam 16mm
Code....47086



Outboard Engine Flusher,
Rectangular
Code....98748



Outboard Engine Flusher,
Oval
Code....98749

Drain Plugs



Buoyancy Tank Drain Socket,
with captive plug
Internal diam.: 18 mm,
External diam.: 23 mm
Code...16687



Captive Plug with
O-Ring for Drain
Socket

Code	Colour
45276	White
45277	Black



Plug for Drain Socket,
White
Code.....16713



Drain Socket with plug

Code	Specifications	Colour	Flange Dimensions (mm)	Overall Height (mm)	Height of Socket (mm)	Cutout Diameter (mm)	Depth Below Deck (mm)	Mini Internal Diameter (mm)
16688	Plain	White	48 x 36	28	19,5	27	15	19
16689	With 2 holes	White						
43462	With captive plug	White	54 x 33	55	25	27	20	19
43463	With captive plug	Black	54 x 33	55	25	27	20	19
95781	With captive plug	White	60x30	52	23	27	18	19
95782	With captive plug	Black	60x30	52	23	27	18	19
43468	With captive plug	White	Ø 40	55	25	27	20	19
43469	With captive plug	Black	Ø 40	55	25	27	20	19
43478	With 4 holes	Black	Ø 43	38	27	25	22	16,5
43477	With 4 holes	White	Ø 43					
16691	With captive plug	White	Ø 46	63	27	28	21	19
16690	Plain	White	Ø 48	76	66	28	62	19
16797	"Fast Lock"	White	Ø 43	107	96	27	91	19

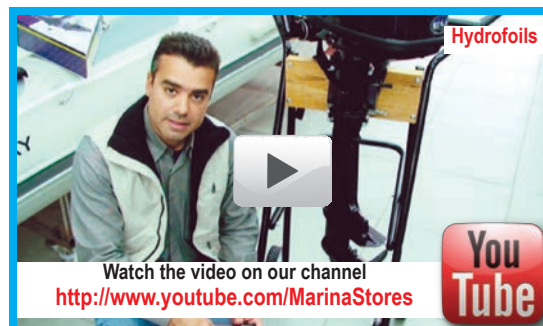


LZ-Hydrofoil

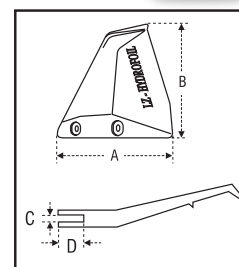
The LZ torque control system ensures the ultimate in precise and effortless steering.

Features

- Lower fuel consumption
- Straight tracking
- Excellent steering at low speeds
- Smoother ride
- Maximum lift
- Reduced planing time
- Increased stability
- Reduced cavitation
- Effortless installation
- Stainless mounting hardware included



Code	10121	10122
For Engines	4HP to 50HP	50HP and over
A(mm)	185	270
B(mm)	180	240
C(mm)	5	7
D(mm)	23	30



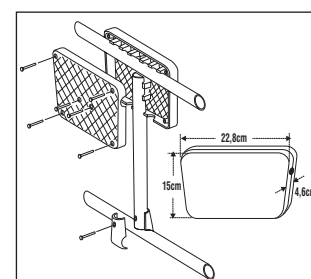
Outboard Engine Brackets



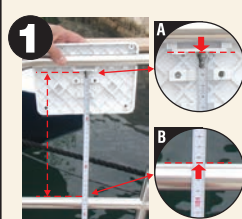
Rail Mount Motor Bracket White

Ideal for permanently mounting your outboard on the stern rail instead of having to remove it when not in use. Made of rigid, non-slip UV resistant plastic, the bracket provides a secure and stable mount for your auxiliary outboard engine. Designed to fit 25mm diameter rails.

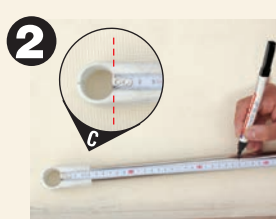
Code.....10319



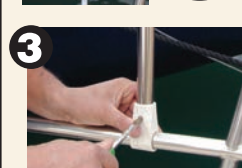
Mounting the Rail Mount Motor Bracket



1. Place one part of the bracket on the upper rail and measure the distance between the points shown at pictures A & B



2. Starting from the point shown on picture C, mark the measurement taken at the previous step and cut the remaining piece (use a cloth, so as not to damage the tube)



3. Screw the tube to the lower rail



4. Mount one part of the bracket on the upper rail and the tube. Fit the other part and secure with the screws supplied



Plastic outboard bracket for engines up to 50Kg, Inox 316

5 adjustment control
Code....90726



Plastic outboard bracket for engines up to 35Kg, Inox 316

5 adjustment control
Code....90725

Outboard Engine Brackets

Outboard stainless steel 316, adjustable bracket with plastic pad for engines up to 7 HP.

Code.....99493



Outboard stainless steel 316, adjustable bracket with wooden pad for engines up to 7 HP.

Code.....99492



Outboard bracket with plywood pad for engines up to 60Kg, Inox 316

5 adjustment control

Code.....95890



Outboard bracket with plywood pad for engines up to 40Kg, Inox 316

5 adjustment control

Code.....95889

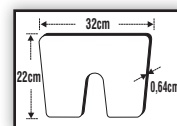
Outboard Engine Accessories



Outboard Transom Pad, 32x22cm

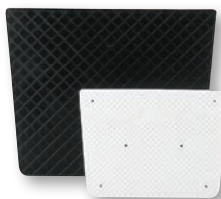
Offering protection against outboard clamp damage for most sizes of transoms. This pad is made of rigid UV stabilized polypropylene, with a non-slip surface for secure engine mounting.
Dimensions: 45x36x0,64cm.

Code	10314	72032	72033
Colour	White	Grey	Black



Transom pad

Code	Colour	Length (mm)	Height (mm)
45343	Black	230	86
45341	White		
45342	Grey	270	98
45339	Black		
45337	White		
45338	Grey		



Transom pad

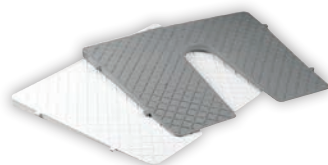
Code	Colour	Length (mm)	Height (mm)
45331	Black	300	220
45329	White		
45330	Grey	450	360
45335	Black		
45333	White		
45334	Grey		



Transom Pad Re-inforced

Rigid non-slip plastic. Prevents outboard clamps from damaging the transom.
Dimensions : 250 x 90 mm.

Code...16943



Transom pad tilted

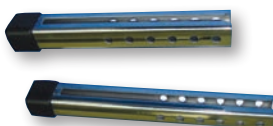
Code	Colour	Length (mm)	Height (mm)
195139	Black	450	360
195136	White		
195138	Grey		



Transom pad with cleft

Code	Colour	Length (mm)	Height (mm)
45327	Black	450	360
45324	White		
45326	Grey		

Safety lock for outboard engines, Inox 316



Code	99525	99526
Length (mm)	235	280



Engine Covers

The SeaCover for engines are ideal for protection against water, sun and dust. They are made of extra strong Polyester 420D, 0,15mm thick, for maximum water resistance and UV protection.

They are suitable for most types of outboard engines, from 2 to 300HP and are available in two different types. There are available are covers which are suitable only for the top part of the engine (not the shaft) and feature an elastic cord all around for ideal fit to most types of outboard engines. There are also full body covers, which feature an elastic cord and a zipper, so as to ensure the best possible engine protection, including the shaft. There are 7 different sizes of the covers for the top part of the engine and 3 different sizes for the full body covers. All SeaCover covers are supplied in silver colour.

The tables below show the different sizes of SeaCover. The dimensions refer to the length, width and height of the cover (Drawing 1). The horsepower given is approximate and it is not the only factor that should be taken into consideration when choosing your cover. The type of the engine (2 stroke, 4 stroke), the length of the throttle grip, the brand of your motor and its production date should also affect your choice, as they will differ according to the size of the engine.

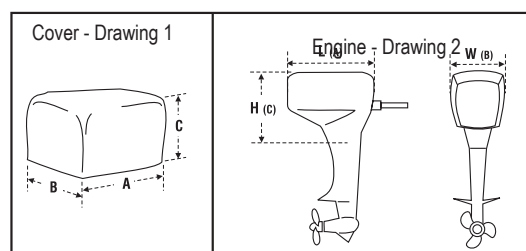


Full Body Covers

Code	57329	57330	57331
H.P (Approximate)	2,5-10	8-70	70-150
A(cm)	75	87	125
B(cm)	125	157	210

**SEA
COVER**

**BEST
VALUE**

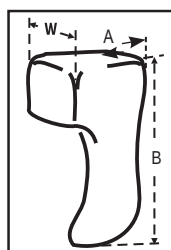


Covers for the top part of the engine

Code	57269	57270	57271	57272	57273	57274	57275
H.P (Approximate)	2-5	2-15	10-45	30-90	70-150	115-225	150-300
A(cm)	40	48	55	63	73	75	90
B(cm)	25	27	33	35	40	45	60
C(cm)	32	35	45	50	65	75	80

To choose the most suitable cover for the top part of your engine, measure it as shown in the Drawing 2 and determine the dimensions that more closely match your model.

*When calculating the height of the engine you should also include a part of the shaft, as shown in Drawing 2, in order to ensure that the engine will be covered completely underneath (apart from the shaft).



To choose the most suitable full-body cover for your engine, you should measure the engine's height (B) as well as its width (W). In order to calculate correctly the maximum height that the appropriate cover should have, you should deduct from the engine's height (B) half of its width (W).

For instance, if the height (B) of your engine is 210cm and its width (W) is 50cm, then the cover that you need should be 185cm (210cm-25cm) high. Therefore, in this case, the correct cover is cover 57331, which is 210cm high, as indicated in the relevant table.

Marine Horns

Electric air horn, MARCO

SISTEMA MARCO
MARCO



Code	Volt	Amp.	DB	Hz	Length	Diameter
71734	12	20	123	315	460mm	200mm
71735	24	10				



Cable Boot Flushmount

Code	Colour	Cut-out Ø	Overall Ø	Height
43167	Black	76 mm	115 mm	140 mm
43165	White			
43166	Grey			



Cable Boot Flushmount

Code	Colour	Cut-out Ø	Overall Ø	Height
31521	Black	69 mm	103 mm	109 mm
43162	White			
43163	Grey			



Cable Boot Flushmount

Code	Colour	Cut-out Ø	Overall Ø	Height
43160	Black	(12/24V, Steel 316, SAE5)	70 mm	60 mm
43159	Grey			
43158	White			

Sensor for Fresh Water & Waste Tanks



Cable Boot Adjustable with Screwed Ring

Code	Colour	Cut-out Ø	Overall Ø	Height
43756	Black	85 mm	105 mm	68 mm
43754	White			68 mm



Cable Boot with Screwed Ring

Code	Colour	Cut-out Ø	Overall Ø	Height
43168	Black	60 mm	108 mm	140 mm



Cable Boot with Plastic Embedded Ring

Code	Colour	Cut-out Ø	Overall Ø	Height
43137	Black	59 mm	89 mm	105 mm



Cable Boot Double with Screwed Ring

Code	Colour	Cut-out Ø	Overall Ø	Height
43133	Black	59 mm	89 mm	15 mm



Cable Boot Split with Screwed Ring

Code	Colour	Cut-out Ø	Overall Ø	Height
43155	Black	105 mm	115 mm	52 mm



Cable Boot with Screwed Ring

Code	Colour	Cut-out Ø	Overall Ø	Height
31523	Black	120 mm	150 mm	110 mm
43145	White			
31525	Black	55 mm	105 mm	65 mm
43139	White			

Steering Wheels



Steering Wheel "Classic", Diam. 350mm

Steering wheel "Classic" is made of polypropylene with 350mm in diameter, while the diameter of the wheel's hole is 37mm. It has an ergonomic design and will very simply fit into most boats. You have the choice to customize the logo label on the centre of the steering wheel, by adding the 70129 customized PVC sticker. The "Classic" steering wheel is available in white and black colour.

BEST VALUE



Code	70001	70132
Colour	Black	White



Steering wheel, stainless steel with black foam

Code	99701	99702
Diameter (mm)	390	343



Ø19,3mm



Ø17,3mm



Steering wheel, stainless steel with cap

Code	90072	90087	90071
Diameter (mm)	343	390	457



Steering Wheel, "Sport",
Diam. 350mm
Code.....90039



Steering Wheel, "Winner",
Diam. 350mm
Code.....90040



Steering Wheel, "Ocean
Master", Diam. 350mm
Code.....90041



Adaptor for steering
wheels
Code.....90042

Instruments & Accessories



new

Gauge for sensors
12/24V, Ø52mm, Black



Code	Use Type	Impedance (Ohm)
197341	Fuel	0 - 190
197342		240 - 33
197343	Water	0 - 190
197344		240 - 33
197345	Waste	0 - 190
197346		240 - 33

Sensor for Fuel & Water Tanks
(12/24V, St.Steel 316, SAE5)

Code	Use Type	Height (mm)	Impedance (Ohm)	Suitable for
197347	Fuel & Water	150	0 - 190	Sogliola
197348		200		Diablo H200mm Ercole - Bora
197349		250		Diablo H305mm Ercole
197350		300		Diablo H305mm
197351		350		
197352		400	240 - 33	For custom made tank
197353		450		
197354		500		
197355		600		
197356		150		Sogliola
197357		200		Diablo H200mm Ercole - Bora
197358		250		Diablo H305mm Ercole
197359		300		Diablo H305mm
197360		350		
197361		400		For custom made tank
197362		450		
197363		500		
197364		600		



Sensor for Fresh Water
& Waste Tanks
(12/24V, St.Steel 316, SAE5)

Code	Use Type	Height (mm)	Impedance (Ohm)	Suitable for
197365	Waste Water	150	240 - 33	Diablo - Sogliola
196911		233		Diablo - Ercole Bora - Blizzard
197367		350		For custom made tank
196909		480		Zefiro 40lt
196910		690		Zefiro 60lt

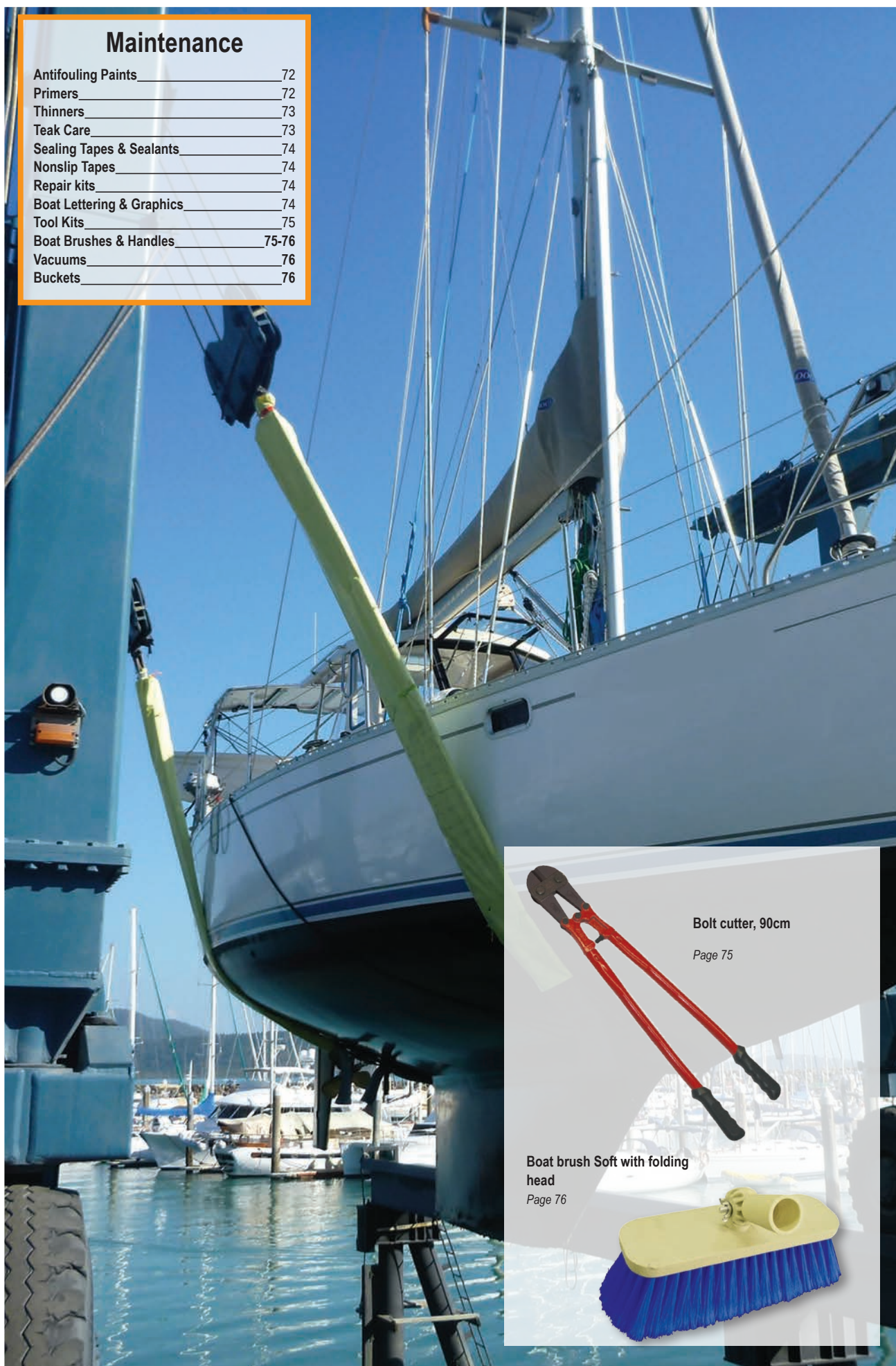
Sender for Fuel or Diesel Tanks
(12/24V, St.Steel 316, SAE6)



Code	Use Type	Height (mm)	Impedance (Ohm)	Suitable for
197070	Fuel	195	0 - 190	Mistral
197077		233		
197180		272		
197068		293		
197066		315		For custom made tank
197067	Diesel	330		
197073		195		
197075		233		
197076		293		

Maintenance

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Bolt cutter, 90cm

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Boat brush Soft with folding head

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BOATCARE



Primer

Underwater

Multipurpose Epoxy

Where can I use this primer?	Underwater only	All areas
Recommended as:	Binder coat for old antifouling. Primer for antifouling.	Multipurpose high performance primer for antifouling and two component topcoats.
Main benefits	Quick drying. Excellent adhesion to existing antifouling and subsequent coats. Good sea water resistance.	Long term durability for fibreglass, steel and aluminium. Suitable for all areas of the boat.
Most suitable for fibreglass	✓✓	✓✓
Most suitable for wood	✓✓	✓✓
Most suitable for aluminium	✓	✓
Most suitable for steel	✓	✓
Most suitable for osmosis prevention	✗	✗
Most suitable for propellers, stern gear etc.	✓	✗
Most suitable for cast iron, steel or lead keels	✓	✗
Colours	silver	silver grey, off-white
Coverage Rate when rolling	8.4m2/lt	8.5 m2/lt



Antifouling

Advance Self-Polishing

Endurance for Powercruising

Recommended for	Very high fouling areas for all types of boats. New advanced biocide package.	Great value for money. Suitable for all types of pleasure craft. Good performance in inland waterways.
Main benefits	Great performance against fouling. Ideal for club racers. Bright colours. Highly effective against slime.	Great value for money. Suitable for all kinds of boats. Suitable for inland waterways.
Number of coats per season	12	12
Can be applied to last up to	Two seasons (3 roller coats)	1 coat 1 season
Suitable for motor boats and yachts?	Yes up to 40 knots	Yes up to 70 knots
Suitable for aluminium	✓✓✓	✗
Suitable for fibreglass wood and steel	✓✓✓	✓✓✓
Suitable for fresh water	✓✓	✓✓
Suitable for drying mud berths	✓	✓✓✓
Coverage Rate	11.2m2/lt	10.8m2/lt



Thinner

Antifouling

Epoxy

Recommended for	Thinner Antifouling for use with BoatCare Antifouling	Thinner Epoxy for all epoxies
Main benefits	Cleaning brushes and spray equipment. Thinning for easier application.	Cleaning brushes and spray equipment. Thinning for easier application.
Suitable for use on gelcoat	✓	✓
	To degrease and clean	To degrease and clean

Notes - Key: ✓ Suitable ✓ Very suitable ✓✓ Ideal ✗ Unsuitable

**BoatCare Advance Premium Self Polishing Antifouling**

Boat Care Advanced is a Self Polishing Antifouling that offers maximum protection at high level fouling areas. Because of its capability of self-renew the paint layers it preserves an effective biocide surface.

Temperature	Dry on touch	Recoating Interval (min - max)	Thinner	Theoretical Spreading Rate (m2/L)
10°C	8 hours	12 hours - None	BoatCare Antifouling Thinner - 71810	11.2
20°C	5 hours	6 hours - None		

Code	Package	Colour
71790	0,75 lt	Black
71791	2,5 lt	
71792	0,75 lt	Navy Blue
71793	2,5 lt	
71794	0,75 lt	Bright Red
71795	2,5 lt	
71796	0,75 lt	White
71797	2,5 lt	

- Suitable for all boat surfaces.
- Min. temperature of application 0°C.

BoatCare Endurance Antifouling for Powercruising

Boat Care Endurance is a hard Antifouling. It provides a perfect finishing and gives an advantage where speed is needed. Specially designed for power cruisers and provides durability for speed up to 70.

Temperature	Dry on touch	Recoating Interval (min - max)	Thinner	Theoretical Spreading Rate (m2/L)
10°C	5 hours	9 hours - None	BoatCare Antifouling Thinner - 71810	10,8
20°C	3 hours	5 hours - None		

- Suitable for all surfaces except aluminium.
- Min temperature of application 0°C

Code	Package	Colour
71798	0,75 lt	Black
71799	2,5 lt	
71800	0,75 lt	Navy Blue
71801	2,5 lt	
71802	0,75 lt	Red Oxide
71803	2,5 lt	



Primers

**BoatCare Underwater Primer**

One component Quick Drying Primer, suitable for all surfaces with excellent water resistance. Provides the best adhesion to existing paint and operates as a sealer between old and new Antifoulings.

Temperature	Dry on Touch	Recoating Interval (min - max)	Thinner	Theoretical Spreading Rate (m2/L)
10°C	50min	10 hours - None	BoatCare Antifouling Thinner - 71810	10
20°C	30min	6 hours - None		

Code	Package
71806	0,75 lt
71807	2,5 lt

- For underwater use only
- Min temperature of application 0°C

Primers

BOATCARE

BoatCare Multipurpose Epoxy Primer

Two component epoxy Primer suitable for all surfaces, . This is a high performance anti-corrosive, operating even as an osmosis preventive for below and above the waterline.

Temperature	Dry on touch	Recoating Interval (min - max)	Thinner	Theoretical Spreading Rate (m2/L)
10°C	2-3 hours	18 hours - None	BoatCare Epoxy Thinner 71811	5,7
20°C	1-2 hours	10 hours - None		

Code	Package
71808	0,70 lt + 0,30 lt
71809	1,75 lt + 0,75 lt



Thinners

BOATCARE

BoatCare Thinner

All thinners should be used as specified for each application. If this instruction is not followed then results might not be as expected. Paints are diluted to improve their "working flow" and improve their absorption abilities making them more easy to use. Make sure that the thinner does not exceed the required quantity, so as to avoid the evaporation of more, which reduce paint effectiveness.

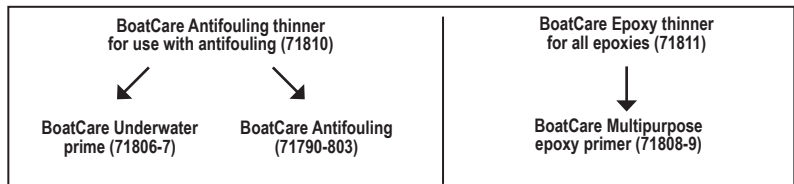
BoatCare Antifouling thinner for use with antifouling

Code	Package
71810	1 lt



BoatCare Epoxy thinner for all epoxies

Code	Package
71811	1 lt



Notes:

1. Two component products are mixed only with their base and hardener.
2. Make sure that all tools/ storage or disposal spaces are suitable and resistant to thinner.

Teak Care

Dressing Sealer (silicone sealer)

Will keep the splendid golden appearance without having to wash teak every day with fresh water. Applying this silicon based product seals the pores of the wood, thus preventing the penetration of the dust and dirt that darken it, and also protects the natural teak oils against the ultraviolet rays that oxidise and discolour them. The dressing also prevents liquids such as diesel, oil fish blood, and paints from penetrating the wood, making subsequent cleaning easier. They don't smell, don't become shiny or slippery, don't stick, dry rapidly and do not make or build up the surface.

Code	98863	98864
Package	1lt	4lt



Teak Cleaner & Brightener

Applying the two products washes away the grey colour that has accumulated in the wood only to rediscover the splendid golden colour that new or just sanded teak possesses. All in a few minutes and without removing precious wood from deck as occurs during sanding. Neither of these two liquids is aggressive or caustic and therefore does not damage rubber, paint or stainless steel fittings.

Code	Description
98865	Combo Pack Cleaner & Brightener, 2x1lt
98866	Teak Cleaner, 4lt
98867	Teak Brightener, 4lt



98865

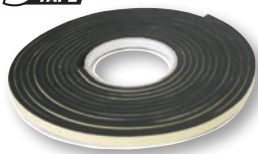


98866



98867

Sealing Tapes & Sealants



Marine Neoprene Tape "Hatchseal"

Code	Dimensions	Colour
11551	3m x 19mm x 3mm	Black
11552	3m x 19mm x 6mm	Black



Nonslip Tape, General Purpose

Code	Dimensions	Colour
11846	25mm x 5m	Black
11847	25mm x 5m	White

Repair Kits

Repair Kit

Code....50953

BEST
VALUE

Contents:

- Glue for PVC Inflatable Boats
- Inflating Valve Standard
- Inflating Adaptor for valve
- PVC Material - 3 pieces

new

LALIZAS Emergency
glue for PVC &
Rubber 50ml

Code.....02676

Repair kit, HERCULES,
for NEOPRENE /RUB-
BER fabrics

Code.....72437

Repair kit, HERCULES,
for TPU/PVC/EVA
fabrics

Code.....72436

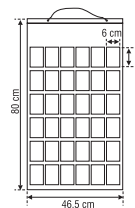
Boat Lettering & Graphics



Letter Case

The Lalizas Letter Case has been designed for the convenient and effective display of vinyl letters. It is made of durable vinyl. It is available in grey colour with 36 clear front panels, which allow the customers to see the letters easily and choose the ones required. On the top, there is a clear pocket 10x45cm where retailers can place the logo of their shop. NO letters are supplied with the letter case.

Code..... 10451



PVC Stickers Ø135mm



No shoes

Code....10150



No smoking

Code....10160



No swimsuits

Code....10170

No harassing
the captain

Code....10180



No bras

Code....10190

Silicone Stickers Ø80mm



No paper in the toilet

Code....95758



No Shoes

Code....95759



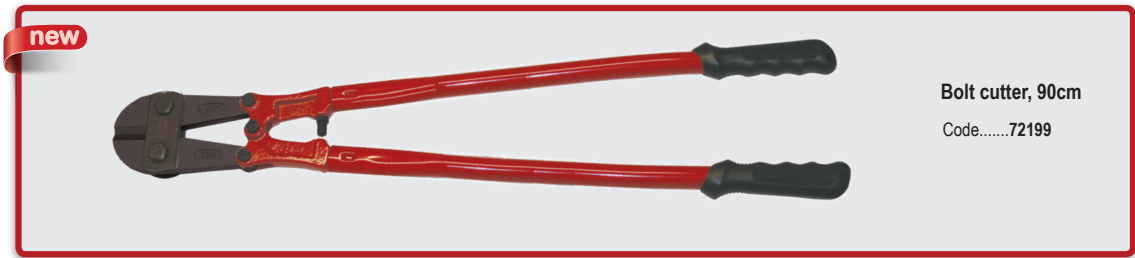
No bras

Code....95760



No swimsuits

Code....95761



Marine Tool Kits

Lalizas Marine Tool Kits are suitable for dealing with many common repairs on a boat. Depending on the model, they are equipped with almost all necessary tools, such as wrenches, screwdrivers, pliers, spanners, electrical multi-meter and many others. Useful for work on the deck, on the engine or on electrical and electronic appliances. All tools are made of durable chrome vanadium material; they are non-corrosive and designed for long-term use. For their easy carriage and storage, Lalizas provides you with a durable plastic case, available in two sizes, depending on the model and the tools included.



Code	11474
Description	Basic
Tools	28pcs.

Tools		Quantity
Set of metric Hex (Allen) keys: 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm		7
Flat head screw drivers: 6mm, 10mm, 15mm		3
Philips screw drivers: PH1, PH2 and PH3		3
Open end spanner set: 6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, and 22-24		8
Hammer 250 gr		1
200mm linesman pliers		1
150mm Long nose pliers		1
250 mm Adjustable Spanner		1
Hacksaw		1
HSS blades		2
Total number of tools included		28 pcs.

Boat Brushes & Handles

Boat Wash Brush 'Flow Thru' Bi-Level, Medium Bristle H 6,5cm, Yellow

The Lalizas bi-level boat wash brush is ideal to clean all parts of the boat. It features a two level surface brush. One of the surfaces allows you to hold it like all brooms and clean horizontal surfaces, e.g. the deck. The second surface allows you to hold the handle parallel to the surface you are cleaning, which is very convenient when cleaning surfaces like the freeboard. It's dense medium bristles retain water and create rich foam, making it ideal for cleaning surfaces with no persistent dirt. The Lalizas wash brush incorporates a screw thread to attach any of the plain or telescopic handles (57340-2). Even more it's improved design with flow thru system allows you to attach the relevant handle (57344) and have a constant flow of water right at the point you clean. The Lalizas wash brush is made of a plastic body - 25,4cm in length - and PVC bristles 6,5cm long, offering more durability and greater resistance to sun and salt water. Finally, its white silicone bumper will protect your boat surfaces from any damage, during cleaning.



Code...57345



Flow thru system

Boat Wash Brush 'Flow Thru', Medium Bristle H 6,5cm, Yellow

The Lalizas boat wash brush is made of dense medium bristles that retain water and create rich foam, making it ideal for cleaning surfaces with no persistent dirt. The Lalizas medium brush incorporates a screw thread to attach any of the plain or telescopic handles (57340-2). Furthermore, its improved design with flow thru system allows you to attach the relevant handle (57344) and have a constant flow of water right at the point you want to clean. Unlike traditional wooden brushes, the Lalizas wash brush is made of plastic body - 20,3cm in length - and PVC bristles 6,5cm long, offering more durability and greater resistance to sun and salt water. Finally its white silicone bumper will protect your boat surfaces from any damage, during cleaning.



Code.....50904

Flow thru system

Boat Scrub Brush 'Flow Thru', H 5cm, White

The Lalizas scrub brush is ideal for scrubbing surfaces where stubborn and persistent dirt exists, as it is made of hard bristles for fast and effective cleaning. As with the medium brush, the scrub brush also incorporates a screw thread to attach any of the plain or telescopic handles (57340-2). Additionally, it features flow thru system, which allows you to attach the relevant handle (57344) and have a constant flow of water through them right at the point you clean. Lalizas scrub brush is highly resistant to the marine environment, since it is made of plastic body 20,3 cm long and 5cm PVC bristles. Finally, it features white silicone bumper, which will protect your boat surfaces from any damage, during cleaning.



Code.....50905

Flow thru system

Boat Brush "Flow Thru", 4 sides, yellow

Code.....70689



Flow thru system



Code.....57180

Boat brush Soft with folding head

To keep your boat clean even in the most difficult places, Lalizas offers you the soft boat brush with folding head. It is made of highly resistant plastic and PVC 0.25mm for durability and high resistance against sun and salt water. It features a folding head that will help you reach and clean difficult places such as the hull and the bilge. It incorporates a special screw thread for attaching to Lalizas plain and telescopic boat hooks (57340 - 2). The soft brush is finished in beige with blue bristles.

Telescopic Handle 'Flow Thru' for Boat Brush

Code.....57344

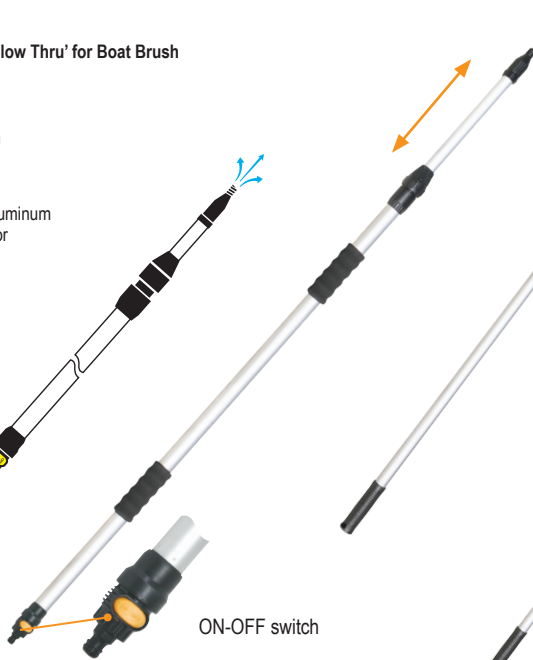
Length: 127 - 220 cm
Diameter: 2,5 - 3,2 cm

- Made of anodized aluminum
- Water hose connector
- ON-OFF switch

Water hose connector



ON-OFF switch



Aluminum Telescopic Handle for hook/brush

Code.....57342
Length: 165 - 305 cm
Diameter: 2,2 - 2,5 cm

Aluminum Telescopic Handle for hook/brush

Code.....57341
Length: 105-179 cm
Diameter: 2,2 - 2,5 cm

Aluminum Handle for hook/brush

Code.....57340
Length: 130 cm
Diameter: 2,5 cm

Boat Cleaning Set

The Lalizas cleaning set consists of one wash brush (50904), one scrub brush (50905), one hook and one telescopic handle. The boat brushes are used for gentle or hard cleaning respectively. They are made of plastic and PVC giving good protection against salt, water and sun. The nylon hook is light and designed for easier and better use in action. The brushes and hooks by Lalizas are all threaded in order to easily fit to the handle. The telescopic handle is 105cm long and can extend up to 179cm, so that you can adjust it accordingly. It is made of anodized aluminium for more durability and longevity. These Lalizas cleaning products have been designed totally for your convenience.

Code.....50906



Vacuums

SEA POWER



Code.....31403

Vacuum Cleaner Sea Power, 12V, 5m cable

This small sized vacuum cleaner is ideal for cleaning the interior of boats and cars. Includes a 5m power cord with 12V lighter plug, a standard wide-mouth attachment for cleaning furniture and a crevice attachment. Vacuum Power is 15mbar.

Features: DC 12V, **Vacuum Power:** 1500Pa, **Power Source:** 12V cigarette lighter Plug, **Accessories Included:** standard wide-mouth attachment & crevice attachment

Buckets



Fabric Bucket

Code.....99203

BEST VALUE



Marine Bucket, Black

Code	Capacity (lt)	Material
72059	7,5	rubber
90598	10	plastic

Bilge Pumps	78-79
Float Switches	79-80
Bilge pump switch	80
Manual Bilge Pumps	80-81
General Purpose Pumps	81
Waste Pumps	81
Faucets & Accessories	82-84
Showers & Accessories	84-86
Water and Waste Tanks	87-91
Marine Toilets & Accessories	92-93
Anti-Vent Loops	94
Toilet Sanitizing & Cleaning	94
Water Hoses	94
Hose Clamps	94-95
Thru-hull Fittings	95-102
Lever, Ball & Safety Valves	102-103
Ventilators	103-106
Hydraulic Filters	106

Faucet, with adjustable spray
& shower tube 150cm

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Marine Manual Toilets
LT-0 & LT-1

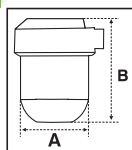
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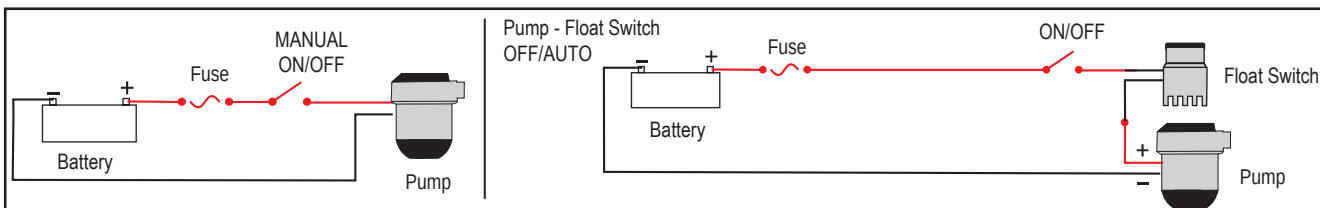
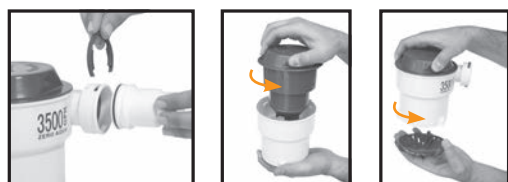


Bilge Pump "Zero Aqua Plus"

The "Zero Aqua Plus" bilge pumps have been designed for heavy-duty use. Their rugged construction of ABS is characteristic of the high quality standards set by Lalizas. They are very easy to mount and clean, since the body can be removed, allowing full access to the strainer and the impeller. The "Zero Aqua Plus" bilge pumps are available in four (4) sizes from 600 to 3500GPH. All models, apart from 31330 are supplied with non-return valves, while the 1500 & 3500GPH model come both in 12V and 24V. Additionally, Lalizas has a wide range of non-return valves in various angles which can be combined with the bilge pumps.

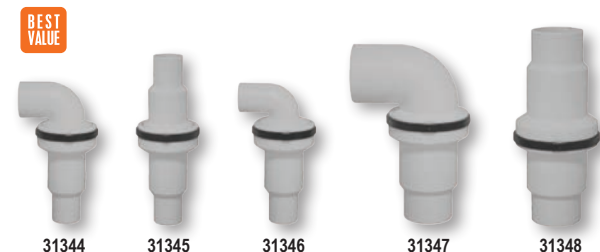


Code	31330	31331	31332	31333	31340	31341
Gallons (GPH)	600	1000	1500	1500	3500	3500
Volts (DC)	12	12	12	24	12	24
A: Diameter (mm)	68	68	124	124	124	124
B: Height (mm)	102	102	160	160	160	160
Hose Outlet	3/4"	3/4" - 1"	1 1/4" - 1 1/2"	1 1/4" - 1 1/2"	1 1/2" - 1 1/4"	1 1/2" - 1 1/4"
Non-Return Valves	Outlet	Angle	Non-Return Valves supplied			
	1"	90°	X	•	X	X
	3/4" - 1"	Inline	X	•	X	X
	3/4"	90°	X	•	X	X
	1 1/2"	90°	X	•	•	•
	1 1/2" - 1 1/4"	Inline	X	•	•	•



Non-return Valves

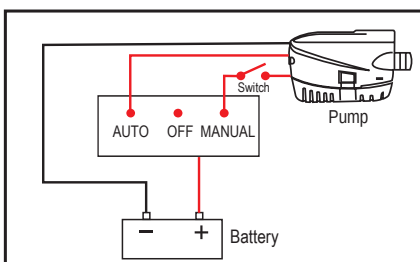
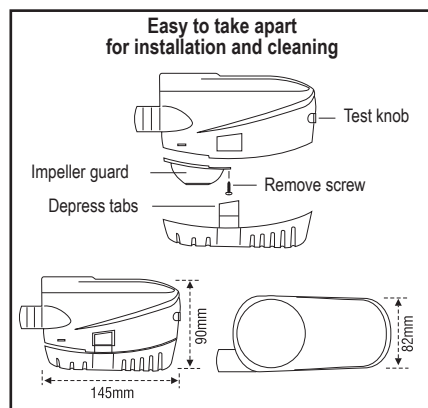
Lalizas non-return valves are ideal for use with all the "Zero Aqua Plus" bilge pump series. They feature a quick release clip, allowing you to service them easily and quickly. They are available as in-line units or with a 90° curve. Finally, their outlet connection allow the use of either a 3/4 to 1" or a 1 1/4" to 1 1/2" hose.



Code	31344	31345	31346	31347	31348
Hose Outlet	1"	3/4" - 1"	3/4"	1 1/2"	1 1/2" - 1 1/4"
Hose Inlet	3/4" - 1"	3/4" - 1"	3/4" - 1"	1 1/2" - 1 1/4"	1 1/2" - 1 1/4"
Angle	90°	Inline	90°	90°	Inline

Submersible Automatic Bilge Pump 600GPH

The Lalizas Submersible Automatic Bilge Pump combines quality and ease of use in one device. It has a built-in automatic float switch which activates the pump when the bilge water rises, thereby allowing the pump to operate even when the boat is unattended. The pumping capacity is 600GPH through a 19mm (3/4") hose. The pump also features a manual test button that allows you to test the level switch, as well as, the pump. Additionally, it has a snap on strainer base making installation and maintenance simple. The pump housing is made of durable ABS plastic. 12V DC. Fuse 10A.

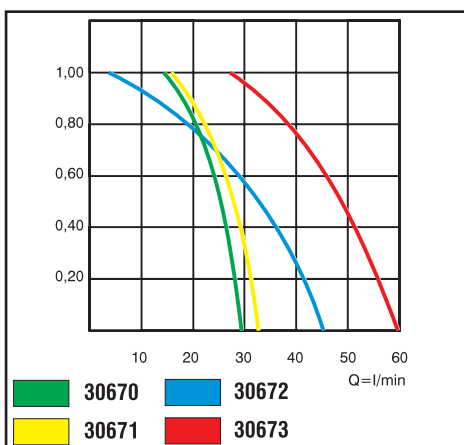
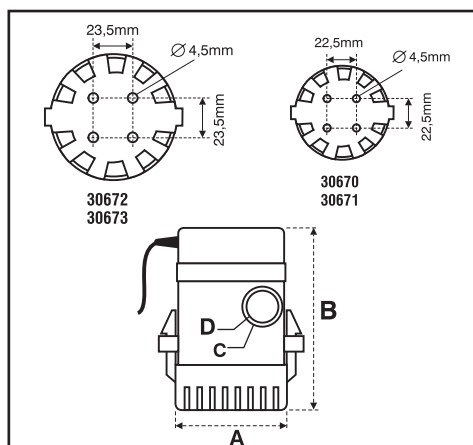


Code.....31150

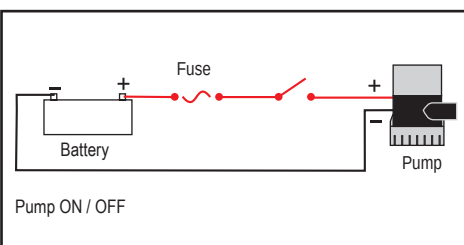
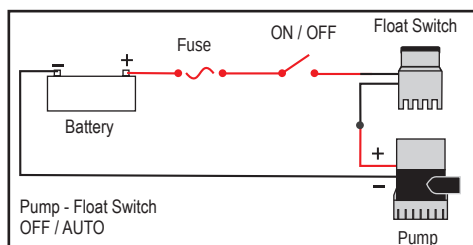


Submersible Bilge Pumps

The 12V & 24V submersible bilge pumps are made of shock resistant ABS plastic and powered by the world's best compact motor. The snap-on strainer base makes installation a simple procedure. These reliable pumps are available in four sizes from 500GPH to 1000GPH.



Code	30670	30671	30672	30673
GPH	500	600	700	1000
Volts	12			
A(mm)	60	60	70	70
B(mm)	90	90	95	95
C(mm)	20	20	25	30
D(mm)	15	15	20	25



Code	30674	30675
GPH	600	1000
Volts	24	
A(mm)	60	70
B(mm)	90	102
C(mm)	20	25
D(mm)	15	20

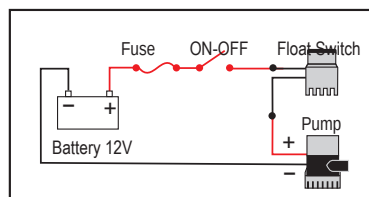
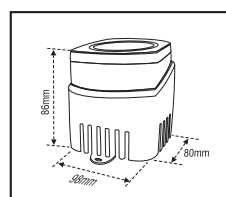
Float Switches

Float Switch FS-40

The Lalizas Float Switch FS-40 has been designed to be used with bilge pumps rated up to 10A. The FS-40 activates or deactivates the bilge pump, depending on the water level. Namely, when the water level rises, it forces the float upwards, which switches on the bilge pump. By installing the float switch, there is no need to monitor the water level and switch the pump on or off manually. A very important feature is that you can test the smooth operation of the switch at any time, just by using the test button. The Float Switch FS-40 is made of from tough ABS plastic for long life.

Voltage: 12V - 24V DC Amperage: 10A

Code.....31170

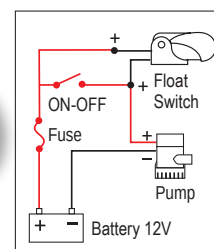


Automatic float switch, DC 12V/24V, 15A max

This float switch is designed for the automatic control of electrically driven bilge pumps. Designed with a reliable rolling-ball and switch system that prevents rapid on/off cycling found on some switches and is safer than mercury switches. When water lifts the chamber buoy up to 6cm, the switch automatically turns the bilge pump on until the bilge is emptied. This automatic float switch has a plastic housing.

Code..... 91549

BEST VALUE



Power: 12V/ 24V, Fuse: 15A max, Material: ABS plastic, Dimensions: L 11cm W 7cm H 6.5cm

Float Switches



Environmental Electronic Level Switch E.E.L.S.

The Lalizas Environmental electronic level switch is the latest in innovation, as it operates with an electronic sensor, instead of the air pressure or any moving parts. It has been designed to sense the water level with great precision and accuracy, thus offering you the best possible result. One of the most important advantages of the Lalizas E.E.L.S is that it is environmentally friendly. Lalizas designed this switch to operate only when it senses water. If there are quantities of hydrocarbons, such as oil, it switches the bilge pump off, thus preventing any pollution. Mounted vertically to the hull, the Lalizas E.E.L.S is connected inline with bilge pump(s) even of higher potency. Also its compact design allows a far greater freedom of movement. On the other hand, in inboard vessels the minimum space it occupies, leaves more loading space and the hatch space intact. Other features of note are the insulated electrical contacts, casing from durable Nylon and ABS plastic, 100% impermeability to water.

Technical characteristics

The Lalizas Electronic Level Switch can be used with any bilge pump up to 20A. The Electronic Level Switch has the following electrical characteristics:

Voltage: 12V DC

Connection to the main circuit: Inline

Maximum Amperage: 20A.

How to connect the Lalizas Electronic Level Switch

Connect a switch for the activation of the automatic operation of the bilge pump inline to the positive pole of the battery. You should also connect inline a fuse, according to the amperage of the bilge pump and up to 20A max (See manufacturer's instructions). The wires of the Electronic Level Switch which are connected to the poles of the battery are RED (+) and BLACK (-). The other pair of wires, BLACK (-) and BLUE (+) are connected to the negative and positive pole of the bilge pump respectively.

ATTENTION!

It is necessary that you follow the polarity when making the connections, otherwise you run the risk of producing a short circuit leading to damage your Electronic Level Switch. Please check the polarity before activating your new Float Switch.

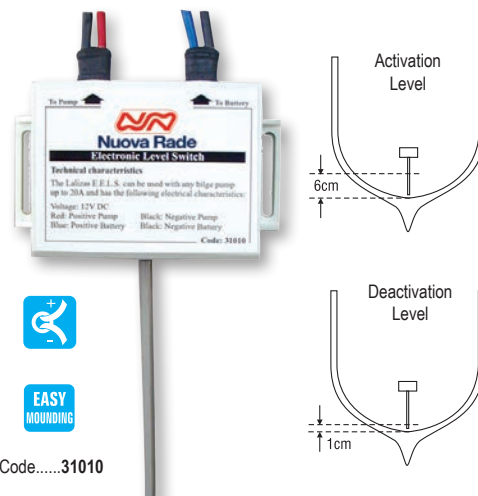
WIRING

Black - Negative (-)

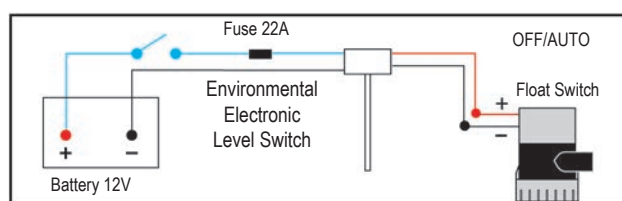
Red - Blue: Positive (+)

Black - Red: Connection to the battery

Black - Blue: Connection to the Bilge Pump



Code.....31010



Bilge Pump Switch

Pump Switch

Lalizas Pump Switch allows you to operate your boat's bilge pump automatically, manually or even switch it off. It is water resistant, with an indication light, so that you know when the device is operating. The Lalizas Pump switch is made of Inox 316 for durability and lifetime protection against corrosion. It is available in charcoal colour.



Features:

- Auto-Off-Manual switch
- For use only in 12/24V. Maximum load per switch 15A
- Coated with electrostatic paint
- Completely wired and ready to install
- Two years Warranty

Code	Function	Dimensions (cm)		Colour	Volts DC
		Height	Width		
31301	Auto - Off - Manual	7	6,5	Charcoal	12-24



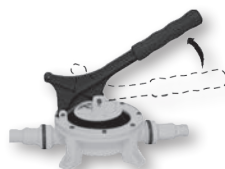
Manual Bilge Pumps



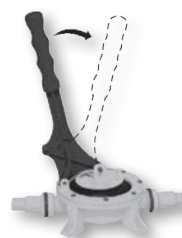
Diaphragm Bilge Hand Pump

Ideal for use where battery power is not available or as a backup to electric pumps, the Lalizas diaphragm bilge hand pump is easy to use and has a capacity of 6,5 gallons at 60 strokes. It features a built-in non-return valve, which can be easily removed with the quick release clip and two-position handle for convenient use, depending on your requirements. Additionally, its outlet connection allows the use of either a 3/4" or a 1" hose.

Code.....31342



A. Horizontal Position



B. Vertical Position



Service Kit
for Hand bilge pump 31342
(includes diaphragm,
flapper valves, gasket)
Code.....31399

Hand suction pump

Made of anti-corrosion plastic material. Supplied with an adapter for flooring and with 80cm of plastic hose. Comes in 2 different capacities and packing in single plastic bag, with directions for use.



Code	90599	90600
Height (cm)	45	60
Each Pumping (cl)	30	50

General Purpose Pumps



56082



53432

Water pump

Code	Model	Flow Rate	Length (mm)	Width (mm)	Height (mm)
56082	12V	8 L/min	210	110	120
53432		12,5 L/min	210	108	98



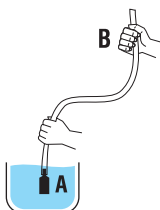
PUMP Diaphragm

Code	Model	Flow Rate	Length (mm)	Height (mm)	Width (mm)
196861	24V	19 L/mn.	300	130	160
196862	12V				

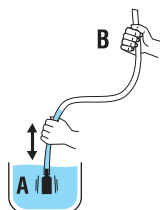


Suction hand pump, length 160cm

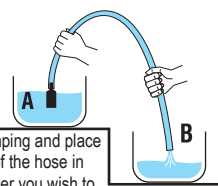
Code	70002	70003
Diameter (mm)	12,5	25



1. Place the bottom end A of the hosepipe into the tank with the liquid that you wish to pump out and hold the top end B of the hosepipe upright



2. Shake the bottom end of the hose vigorously up and down until the liquid rises in the hose, continue pumping until the liquid passes balance level



3. Stop pumping and place top end of the hose in the container you wish to fill and the liquid will flow automatically

ATTENTION: Make sure that the empty container is placed below the level of the container you wish to empty

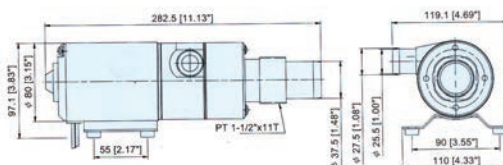
SUITABLE FOR PETROL - DIESEL - WATER

Waste Pumps



Waste Pump with Macerator

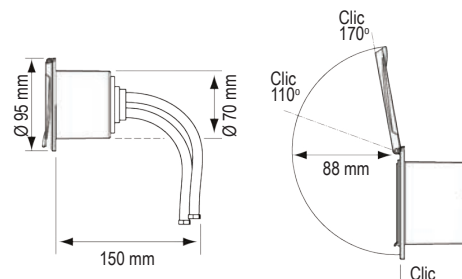
Code	Model	Flow Rate	Length (mm)	Width (mm)	Height (mm)
94562	12V	50 L/min	210	110	120
94563	24V		210	108	98





Case with mixer tap

Code	Water Tap	Connector	Cover Colour
46206	Mixer	20 cm 3-hose connectors	Chrome
47676	Mixer	20 cm 3-hose connectors	White



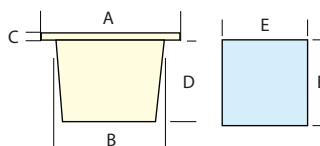
Mixer Water Tap (Cold/Hot)

Code	Connector	Colour
45601	20 cm 3-hose connectors	Chrome



Case with Cold Water Tap, with Lid

Code	Colour Case
196393	White
196397	Cream



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
95	75	9	55	95



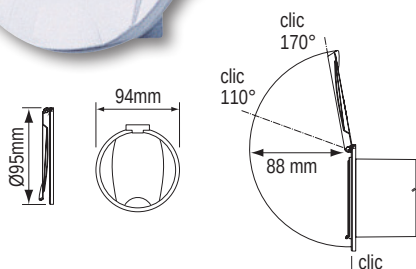
Case with Mixer Tap, with Lid

Code	Colour Case
196392	White
196396	Cream



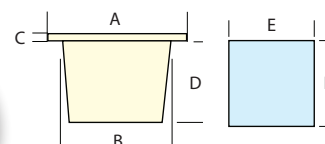
Case for water tap with lid, Round

Code	Cover Colour
42576	White
46171	Chrome



Case for water tap with lid, square, white

Code	Colour Case
196391	White
196395	Cream



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
95	75	9	55	95

Case with Fresh Water Inlet with Lid

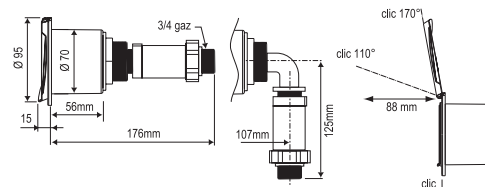
Nuova Rade fresh water inlet is the perfect connection between the boat's water network and the shore water supply. It is then easy to cook or have a shower when at the dock, without using water from the tanks. (Not suitable for filling the water tanks).



The complete set (47812-5) includes :

- An ABS housing with splashproof cover
- A pressure regulator which accepts up to 5 bar working pressure, compatible with most appliances and equipment on board.
- A non-return valve
- A male quick-coupling fitting for garden hose connection
- Male 3/4" threaded connector to the boat's water system

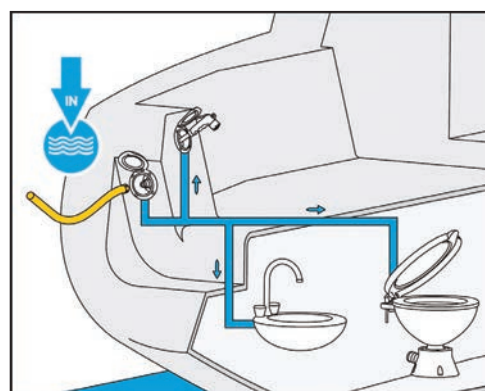
Code	Connector	Cover Colour	Pressure Regulator
47812	Straight	White	Plastic up to 5 Bar
47813	Elbow		
47814	Straight	Chrome	DZR brass up to 15 Bar
47815	Elbow		
58131	Elbow	White	DZR brass up to 15 Bar



58131

The complete set (58131) includes :

- An ABS housing with splashproof cover
- A male quick-coupling fitting for garden hose connection
- Male 3/4" threaded connector to the boat's water system
- Metal Pressure regulator with cloth diaphragm valve, adjustable from 1,5 to 5 bar.
- Maintenance free, robust construction with silent operation (no vibration).
- Max. inlet pressure: 15 bar.
- Max. temperature: 70°C
- Corrosion preventing DZR brass body.
- Factory preset (4 bar at zero discharge for 3 bar working).
- Diaphragm and seals EPDM & NBR.
- Slotted adjusting screw that can be turned with a flathead screwdriver
- Female 1/4" pressure gauge outlet



Case with Sea Water Outlet with Lid

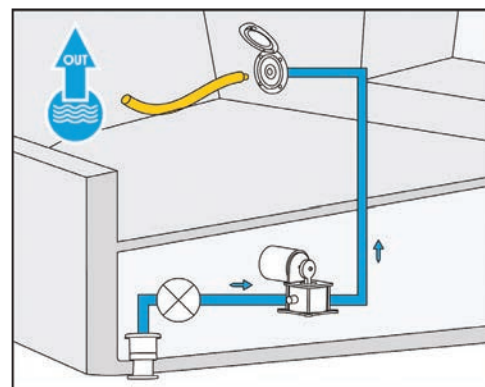
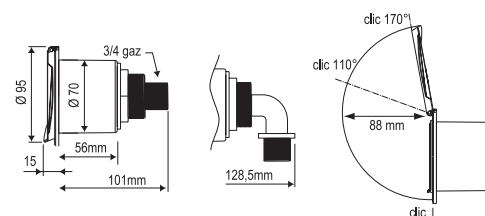
Used in conjunction with a pump and thru-hull fitting, the sea water outlet produces pressure sea water on the deck (to wash the deck or rinse the fish). Also perfectly suitable with fresh water.

The complete set includes :

- An ABS housing with splashproof ASA cover
- A female quick-coupling fitting for garden hose connection. Features a non-return valve
- Chrome brass construction with stainless steel lugs, for optimum corrosion resistance
- A locking flange
- Male 3/4" threaded connector to the boat's water system



Code	Terminal	Cover Colour
47816	Straight	White
47817	Elbow	
47818	Straight	Chrome
47819	Elbow	



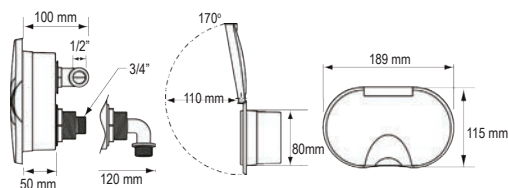


Case with Cold Water Tap & Outlet, with Lid

Includes :

- Sea water outlet with quick female connector.
- Cold water tap + "T" connector.
- St. steel threaded hose.

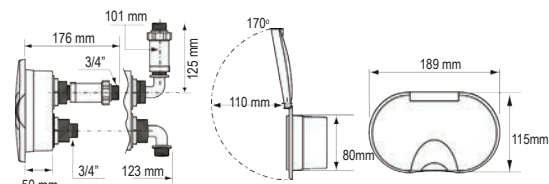
Code	Connector	Cover Colour
54607	Straight	White
54609	Elbow	White
54610	Elbow	Chrome



Case with Water Inlet/Outlet, with Lid

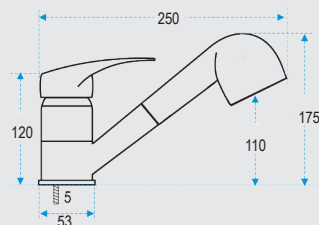
Sea water outlet/Fresh water inlet with quick connectors.

Code	Connector	Cover Colour
54611	Straight	White
54612	Straight	Chrome
54613	Elbow	White



new

Faucet, with adjustable spray & shower tube 150cm
Code.....99960



Showers & Accessories



Shower head with hose
For flushmount installation on the deck or as transom shower.

Code	Hose (m)
55913	3
55914	5



Shower Hose Braid
1/2"-3/8"

Code	Hose (m)
45599	3
196086	5

new



Shower Head, Brass, Long, 1/2" Thread
Code..... 198041



Shower head, ABS, Short 1/2" threaded shower head with trigger.

Code	Colour
196481	Chrome
45598	White



Shower head, ABS, Long 1/2" threaded shower head with trigger.

Code	Colour
196480	Chrome
47083	White

Case with shower, water tap and lid

Specifically designed to combine two functions in one single housing, they allow major room saving and easy access. In addition to their simplified installation process, they have been engineered to combine optimum comfort, durability and absolute safety.

Available with white or chrome cover, the housing fits in any deck or transom to give the boat a clean uncluttered look and can be mounted vertically or horizontally. Supplied with drilling template.

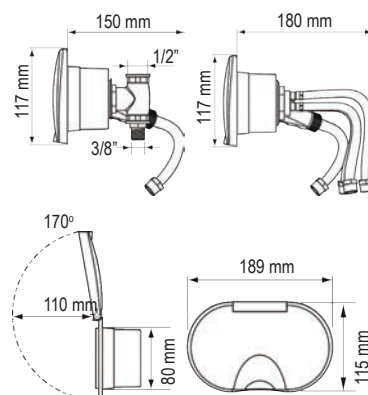


54601



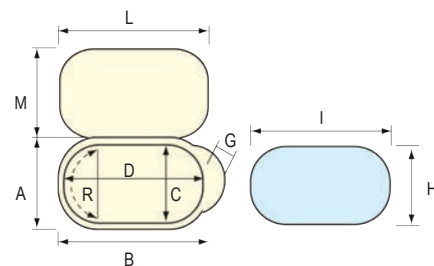
54604

Code	Water Tap	Connector	Shower Head	Hose (m)	Cover Colour
54601	Cold	"T"	White	3	White
54604	Mixer	20cm 3-hose	White	3	White
54605	Mixer	20cm 3-hose	White	3	Chrome
54606	Mixer	20cm 3-hose	Chrome	3	Chrome



Case with shower & mixer tap and lid with gasket

Code	Hose (m)	Colour
196409	3	White
196410	5	
196411	3	Cream
196412	5	

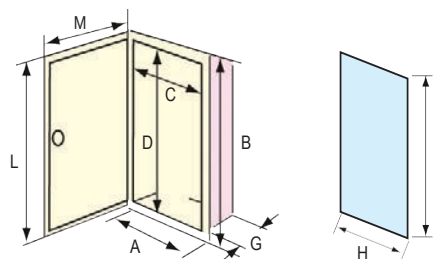


A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)	R (mm)
120	210	85	170	65	91	176	220	130	80



Case Side-mount, with Shower

Code	Water Tap	Lid	Hose (m)	Cover Colour
196469	Mixer	Yes	3	White
196470	Mixer	Yes	5	
44297	No	No	3	
44298		No	5	
196421		Yes	3	
196422		Yes	5	
50015		No	5	Cream

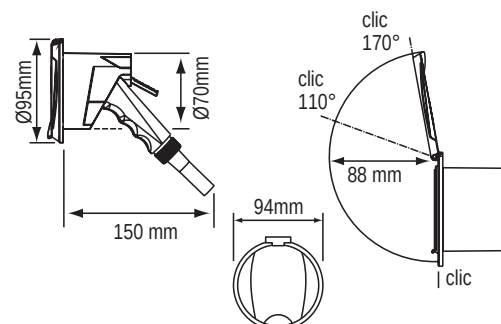


A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
164	237	110	183	95	114	187	247	186



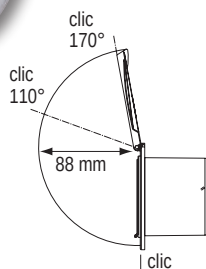
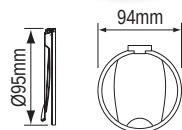
Case with shower spray and lid

Code	Shower Head	Hose (m)	Cover Colour
46303	White	3	White
46304	Chrome	3	Chrome

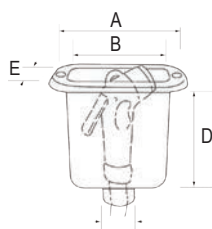


Case for Shower Head,
Round, with lid

Code	Cover Colour
42575	White
46170	Chrome

Case for Shower Head,
Square, with Lid

Code.....37214

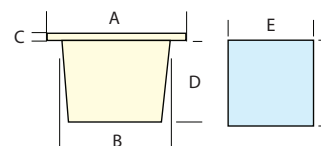


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
125	87	30	97	90

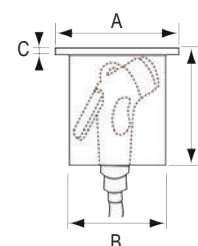
Case for Shower Head,
Square, with lid

Code	Cover Colour
196399	White
196401	Cream

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
95	75	9	75	95

Case for Shower Head,
Round, with Lid

Code.....35791

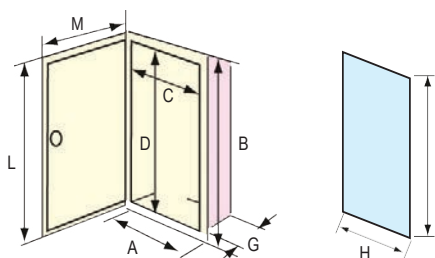


A (mm)	B (mm)	C (mm)	D (mm)
88	66	5	80

Cases for Shower

Code	Colour
44301	White

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	114	160

Cases for Shower
with Lid

Code	Colour
196420	White
196471	White

	A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
196420	145	191	110	155	80	114	160	200	165
196471	165	237	110	183	95	114	187	247	186

Case Twin For Shower &
Water Tap, with Lid

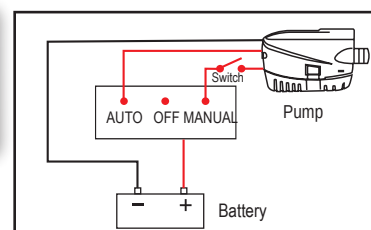
Code	Cover Colour
55800	White
196686	Cream
55801	Chrome

Shower Sump System LSU 600, 12V

Designed especially for use on boats with built-in sink, shower or tub, the LSU 600 will pump all water out of the drain and into the tank. It is compact and can be mounted either against the floor or against the walls, in which case the two legs can be cut off. It has a built-in automatic bilge pump that will start operating as soon as the float switch senses water. Additionally, it features a filter, which can be easily serviced by removing the top transparent cover and a non-return valve at the outlet hose. The LSU 600 case is made of resistant plastic and the lid from acrylic. Its power consumption is limited to 1,5A at 12V. The LSU 600 System has 3 inlet hoses (2 of 19,1mm (3/4") and 1 of 25,4mm (1")) and 1 outlet hose with non-return valve for hose of 19,1 (3/4") and 25,4mm (1") in diameter.



Code.....31349





new

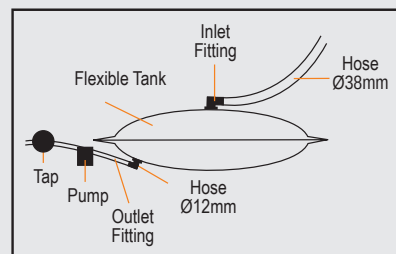
Flexible Water Tanks, grey

The flexible water tanks will solve the problem of storing water in your boat. The tanks are supplied with already welded Tank Fittings' adapter and two Elbow Fittings (inlet/outlet) with moveable Thread Tightening Ring for maximum sealing. They are easy to store and use. The Nuova Rade flexible water tanks are available in 6 Rectangular Sizes as well as in 2 Triangular designed tank sizes.



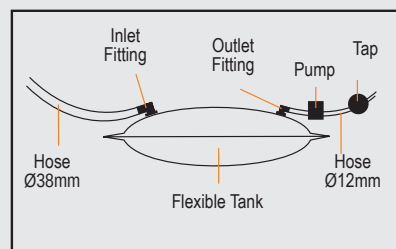
Rectangular

Code	31321	31322	31323	31324	31329	31327
Dimensions (cm)	74x60	74x84	74x100	74x125	74x150	74x170
Capacity (lt)	55	75	100	120	150	200



Triangular

Code	31325	31326
Dimensions (cm)	86x21x93	108x21x108
Capacity (lt)	55	100



Code.... 72133

**Inlet Elbow Fitting for
Ø38mm hose, 1 1/2" thread
tightening ring, black**



Code..... 72134

**Outlet Elbow Fitting for
Ø12mm hose, 1 1/2" thread
tightening ring, black**



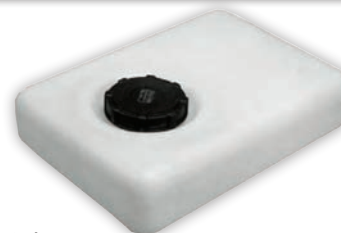
Code..... 197493

Cap 1 1/2" thread



Water tanks

Code	Length (mm)	Height (mm)	Width (mm)	Capacity (lt)
45361	400	250	480	48
45362	680	190	460	59
45363	680	230	460	72
45364	700	300	400	84
45365	880	200	480	85
45366	650	280	450	80
45367	1200	280	450	150



Water tanks

Code	Length (mm)	Height (mm)	Width (mm)	Capacity (lt)
45359	550	140	400	30
45360	580	200	580	70

Water Shower Tank , flexible

- It is made of PVC and can heat 20lt of water
- It is lightweight & small, saving you a lot of space
- It is environmental friendly, since the construction material doesn't contain any toxin



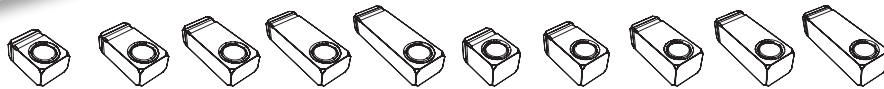
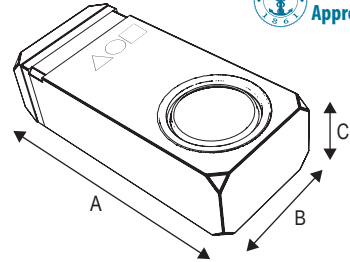
Code	99976
Capacity (Lt)	20

Diablo



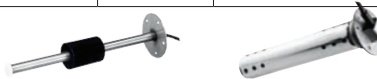
DIABLO tanks

- Designed in recyclable HDPE
- Very easy to clean
- Compatible with gasoline, diesel, ethanol, alternative fuel & organic vegetable oil
- One of a kind



Code	197477	197478	197479	197480	197481	197482	197483	197484	197485	197486
Capacity (lt)	37	48	60	70	82	49	64	78	93	108
A - Length (mm)	500	650	800	950	1100	500	650	800	950	1100
B - Width (mm)	360	360	360	360	360	360	360	360	360	360
C - Height (mm)	230	230	230	230	230	305	305	305	305	305

Sensor (optional)			
Impedance (Ohm)	0-190	240-33	240-33
 h=230mm	197348 (200mm)	197357 (200mm)	197365 (150mm)
 h=305mm	197350 (300mm)	197359 (300mm)	196911 (233mm)



DIABLO Easy Switch
Waste Water Plate
for H.230mm Tank
Code.....197489



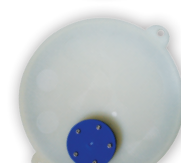
DIABLO Easy Switch
Waste Water Plate
for H.305mm Tank
Code.....197491



Bracket for Battery Box/
Fuel Tank, with Strap
1,50m
Code.....43897



DIABLO Easy Switch
Fresh Water Plate
Code.....197488



DIABLO Easy Switch
Blind Plate, without
Connectors
Code.....197490



197492, 197495, 197498, 197499



197500



197501

Code	Description	197488 Easy switch water	197489 Easy switch waste H230mm	197491 Easy switch waste H305mm
197492	DIABLO Easy Switch Connector 90°, Ø38mm, 1½" thread	1	2	2
197495	DIABLO Easy Switch Connector 90°, Ø17mm, ¾" thread	1	-	-
197498	DIABLO Easy Switch Connector 90°, Ø13mm, ¾" thread	1	-	-
197499	DIABLO Easy Switch Connector 90°, Ø25mm, 1½" thread	-	2	2
197500	DIABLO Easy Switch Set Connector 90° Ø25 & 20mm 1" thread	-	1	1
197501	DIABLO Easy Switch Internal Gasket Ø 235 x 17,5mm	1	1	1

Ercole



ERCOLE Fuel Tank

Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	Connector Pipe Ø (mm)	Deck Filler	Sensor (optional)		
44798	With filler cap	45	500	350	300	8	Thread Ø 50mm			
44800		56	650							
44802		70	800							
50193	Without cap	45	500	350	300		Straight Ø 38mm			
50197		56	650							
50203		70	800							
50194	Without cap	45	500	350	300		45° Ø 38mm			
50198		56	650							
50204		70	800							

Sogliola



SOGLIOLA Fuel Tank

Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	Connector Pipe Ø (mm)	Deck Filler	Sensor (optional)		
44833	With filler cap	45	650	350	220	8	Thread Ø 50mm			
44835		60	850							
44837		80	1100							
50207	Without cap	45	650	350	220		Straight Ø 38mm			
50212		60	850							
50216		80	1100							
50208	Without cap	45	650	350	220		45° Ø 38mm			
50213		60	850							
50217		80	1100							



Ercole - Sogliola

Code	Description	
45284	A	Tank Filler Cap
44467	C	Fuel Pick-up Tube w/Pipe Conn. Ø8mm
50140	D	Water Pick-Up Tube, w/ Ø16mm Conn.
44088	FGHE	Set Connectors w/Ø50mm Straight
44089	GHI	Set Connectors, w/Ø38mm Straight
43366	E	Straigh Connector Ø50mm
43368	I	Straigh Connector Ø38mm

Code	Description	
44090	FGHM	Set Connectors, w/Ø50mm 90° Elbow
44091	GHN	Set Connectors, w/Ø38mm 90° Elbow
43370	M	Elbow Connector 90°, Ø50mm
43374	N	Elbow Connector 90°, Ø38mm
44624	F	Elbow Conn. 90°, Pipe f/Fuel Return
44569	P	Vent. Elbow Conn. 90°, Hose Ø16mm
44838	Q	Universal Bracket w/Holding Straps

Bora

BORA Tank Fresh Water

Horizontal model made from PE HD.

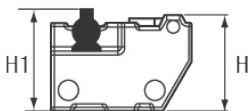
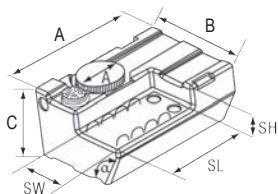
Available in 4 sizes: 40L, 60L, 80L, 100L and

2 versions :

- Holding base tank alone.

- Complete set including a holding tank, an autoclave pump (12V) and fittings.

Accessories available : pump, sensor, vented loop, valve, filter, deck filler.



Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	H1 (mm)	SL (mm)	SW (mm)	SH (mm)	Ø A (mm)	α Angle	Pump	Sensor (Optional)	
196887	Base Tank	40	545	400	270	-	350	200	80	133,5	120 ⁰	*		
196888		60	775	400	270	-	350	200	80	133,5	120 ⁰	*		
196889		80	1005	400	270	-	350	200	80	133,5	120 ⁰	*		
196890		100	1245	400	270	-	350	200	80	133,5	120 ⁰	*		
196895	Tank with Pump	40	545	400	270	300	350	200	80	133,5	120 ⁰			
196896		60	775	400	270	300	350	200	80	133,5	120 ⁰			
196897		80	1005	400	270	300	350	200	80	133,5	120 ⁰			
196898		100	1245	400	270	300	350	200	80	133,5	120 ⁰			
197062		60	775	400	270	280	350	200	80	133,5	120 ⁰			
197063		80	1005	400	270	280	350	200	80	133,5	120 ⁰			
197064		100	1245	400	270	280	350	200	80	133,5	120 ⁰			

*Optional Pump 56082 (12V, 8 lt/min)

Blizzard

BLIZZARD Tank Waste Water

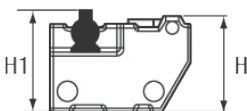
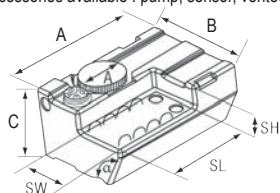
Horizontal model made from odour-free PE HD.

Available in 4 sizes: 40L, 60L, 80L, 100L and

2 versions :

- Holding base tank alone.
- Complete set including a holding tank, a diaphragm pump (12V or 24V), a sensor, and fittings.

Accessories available : pump, sensor, vented loop, valve, filter, deck filler.



EC ISO 8099



Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	H1 (mm)	SL (mm)	SW (mm)	SH (mm)	Ø A (mm)	α Angle	Pump	Sensor
196867	Base Tank	40	545	400	270	-	350	200	80	133,5	120 ⁰	*	**
196868		60	775	400	270	-	350	200	80	133,5	120 ⁰	*	**
196869		80	1005	400	270	-	350	200	80	133,5	120 ⁰	*	**
196870		100	1245	400	270	-	350	200	80	133,5	120 ⁰	*	**
196871	Tank with Pump and sensor	40	545	400	270	320	350	200	80	133,5	120 ⁰	 196862 (12 V, 19 lt/min)	 196911 240-33 Ohm
196872		60	775	400	270	320	350	200	80	133,5	120 ⁰		
196873		80	1005	400	270	320	350	200	80	133,5	120 ⁰		
196874		100	1245	400	270	320	350	200	80	133,5	120 ⁰	 196861 (24 V, 19 lt/min)	
196875		40	545	400	270	320	350	200	80	133,5	120 ⁰		
196876		60	775	400	270	320	350	200	80	133,5	120 ⁰		
196877		80	1005	400	270	320	350	200	80	133,5	120 ⁰		
196878		100	1245	400	270	320	350	200	80	133,5	120 ⁰		

*Optional Pump 196862 (12V, 19 lt/min) or 196861 (24V, 19 lt/min) ** Optional Sensor 196911

Zefiro

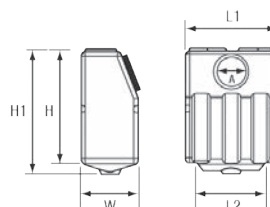
ZEFIRO Tank Waste Water

Vertical model made from odour-free high-density polyethylene (HDPE).

Gravity discharge : when installation is carried out at more than 0.5 m above the waterline, the tank can be emptied without pump. Can be mounted on a bulkhead.

Accessories available : sensor, gauge, vented loop, valve, filter, deck filler, pump.

- Shaped for an effective discharge
- 1 inlet and 2 outlets Ø 38 mm - G 1 1/2"
- 1 vent Ø 25 mm - G 3/4"
- 1 inspection hatch: Ø 127 mm
- Plate compatible with VDO standard sensors
- Compatible with diaphragm pumps and macerators (12 or 24V)



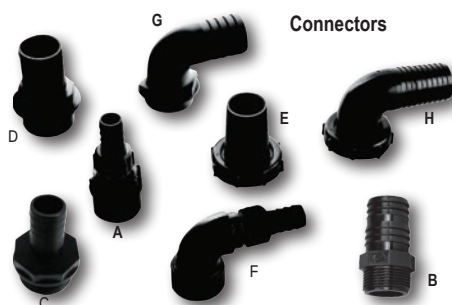
EC ISO 8099

Code	Capacity (lt)	L1 (mm)	L2 (mm)	W (mm)	H (mm)	H1 (mm)	Ø A (mm)	Sensor (Optional)
196881	40	400	302	250	493,7	540	133,5	196909
196882	60	400	302	250	703,7	750,3	133,5	196910



240-33 Ohm

Blizzard
Bora
Zefiro



Connectors

	Code	Description	Model	Ø (mm)
A	196906	Straight	G 3/4"	16
	196904		G 1/2"	20
	196915		G 1/4"	25
B	196914	Straight	G 1 1/2"	25
	196913		G 1 1/4"	38
	196925		G 1 1/2"	25
C	196917	90°	G 1 1/2"	38
	196902		G 1 1/4"	38
	196905		G 3/4"	20
F	196916	90°	G 3/4"	25
	196918		G 1 1/2"	38
	196901		G 1 1/4"	38

Marine Toilets & Accessories

Portable Toilet

This portable toilet is suitable for interior and exterior use. It is self-contained and it doesn't require any external water or power connections. It consists of two separate tanks; a fresh water holding tank of 12lt capacity and a waste holding tank of 10lt. However, you can change the waste tank's capacity to 20lt, by replacing the 10lt waste tank with the 20lt waste tank (11869). The toilet is made of high-density plastic with matt finish for greater resistance to scratches.

Code....11867



Spare cap for the waste holding tank of the portable toilet 11867
Code.....11872



Spare cap for the fresh water tank of the portable toilet 11867
Code.....11871



Spare slide valve for the spare tanks 11868 & 11869
Code.....11873



Base for the portable toilet 11867, Height 125mm
Code.....11870



Spare waste holding tank, for the portable toilet 11867

Code	11868	11869
Capacity (Lt)	10	20



The fresh water tank provides up to 50 flushes



Heavy duty, corrosion resistant side latches lock the tanks together



The double sealed drain valve protects against leakages and odours



Both waste and fresh water tanks feature one-piece construction; no seams involved.



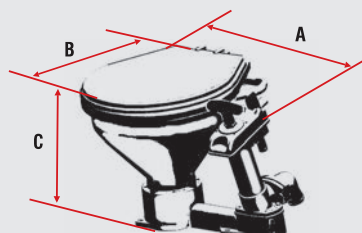
The detached waste holding tank (10lt or 20lt) can be easily emptied, without using any tools

new

Nuova Rade

Marine Manual Toilets LT-0 & LT-1

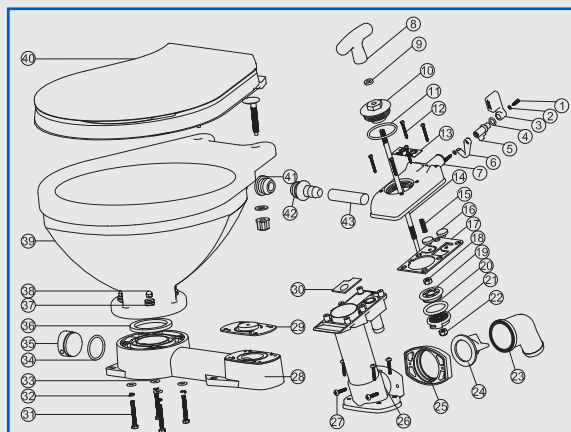
The LT-0 and LT-1 toilets are especially designed for long term use. They are available in two sizes compact (LT-0) and regular (LT-1). Both can easily be installed above or below the waterline. If they are installed below the waterline, it is necessary to use an anti-siphon loop to prevent water inflow into the interior. Furthermore, these toilets can be installed with the pump either at the right or the left side of the porcelain bowl. The valves have been designed for a longer and more reliable service life. The drain plug has been designed with a quick fit locking mechanism for easier and more effective drainage of the toilets. All the parts are made of corrosion resistant materials.



Code	Description	Dimensions (mm)		
		A	B	C
11510	LT-0	450	420	340
11412	LT-1	485	480	340

Kits Available for Marine Manual Toilets

Code	Description	Key
11451	Kit E, Base to Bowl Mounting Kit	28,31,32,33,34,35,36,37,38
11447	Kit A, Major Service Kit for manual toilet LT-0 & LT-1	4,9,10,11,16,17,20,24,29
11535	Assembled Spare Pump for Manual Toilet LT-0 & LT-1	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,29,30



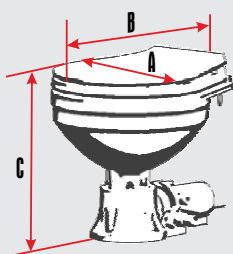
new

Electric Marine Toilet LT-0E & LT-1E

Electric toilets LT-1E and LT-0E, can be supplied as either 12V or 24V and have been designed to make your life on-board easier, because of their self-priming double action pumps. By just pushing the on/off switch, which can be installed anywhere in the toilet cabin, you activate the pump and while fresh water rinses in the bowl, the macerator grinds up and pumps out the waste.

The LT electric toilets can be easily installed, either above or below the waterline. Please note that when they are installed below the waterline, it is necessary to use an antisiphon loop for preventing water inflow into the interior. Furthermore, the toilets are supplied, either with a compact (LT-0E) or a regular bowl (LT-1E). Additionally, the LT toilets have been designed with a quick fit locking mechanism, which allows you to easily remove the pump's base, in order to clean the exposed waste surfaces. All parts are made of corrosion resistant materials.

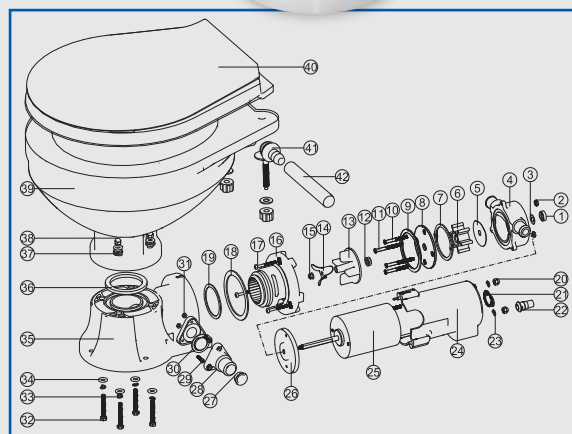
Code	Description	Rate Voltage (Volt)	Load Current (Amps)	Dimensions (mm)		
				A	B	C
11874	LT - 0E	12	12-15	325	420	375
11875		24	6-8			
11876	LT - 1E	12	12-15	365	480	385
11877		24	6-8			



You can install the pump in four different positions.

Kits Available for Electric Marine Toilets

Code	Description	Key
11879	Repair kit for the electric toilets 24V, LT-0E & LT-1E	1 to 36
11878	Repair kit for the electric toilets 12V, LT-0E & LT-1E	1 to 36



Repair kit for LT electric toilets

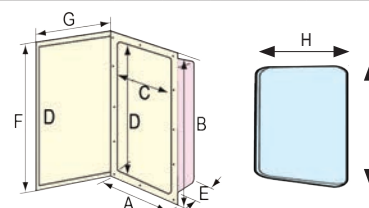


Code	For Toilets		Voltage (V)
11879	11875	11877	24
11878	11874	11876	12

Case for Toilet Paper with door, White ABS

Code.....195263

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
160	160	118	128	118	167	162	125	135



Holder for Toilet Paper, Plastic

To be used with toilet paper dispenser 195263. White ABS, UV resistant.

Code.....195258



Anti-Vent Loops



Anti-vent loop connection, nylon

An anti-vent loop connection is required when the toilet installation is below the waterline. This prevents water inflow into the interior. The Lalizas anti-vent loop connection is made of ABS and is available in two different sizes.

BEST
VALUE



Code	Ext. Diameter (cm)
90184	1,9
90185	3,8

Toilet Sanitizing & Cleaning



Disinfectant Sanitizing Release Unit DSRU

The DSRU is a unit that keeps your toilet bowl clean and free from limescale. The unit should be attached to the pipe, where water flows from the flush pump to the toilet. As water is pumped towards the bowl it sucks a quantity of the disinfectant inhibiting limescale, it also colours the water (green or blue) and deodorizes. Each unit is supplied with two tablets, 'Marine' (blue) and 'Pine' (green) scent respectively. The tablets are also sold separately, but the DSRU is designed to fit any tablet in the market smaller than 30x30x40mm.

The DSRU is very easy to install, requires minimum maintenance and has a discreet and compact design.

Code... 11865



BEST
VALUE



BEST
VALUE

Spare Disinfectant Tablets for
'DSRU' Marine, & Pine
(2 Tablets)

Code..... 11866



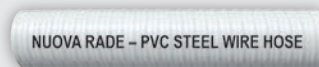
Water Hoses

new



Liquid discharge and water
delivery hose, PVC,
Retin/TR

Code	Internal thread	Packing (m)
99485	13mm, 1/2"	60
99486	16mm, 5/8"	
99487	19mm, 3/4"	



Liquid discharge and water
delivery hose pvc clear with
internal spiral, Alimpomp/TR

Code	Internal Diameter	Packing (m)
98566	13mm, 1/2"	60
97879	15mm, 5/8"	
99484	19mm, 3/4"	
97880	25mm, 1"	
99483	32mm, 1 1/4"	30
98565	38mm, 1 1/2"	

Hose Clamps



Nuova Rade Heavy-Duty Hose Clamp INOX 316

Nuova Rade hose clamps are designed for heavy-duty secure hose connections, such as with exhaust hoses. They are made of Stainless Steel 316 for the ultimate resistance to corrosion. They also feature smooth imperforated band surface and rolled edges, so as to prevent hose damage. Sizes varying from 29mm to 175mm, with band spreads from 2mm to 12mm and width from 20mm to 26mm depending on the model, will guarantee that you will find the one suitable for your boat's hoses.

INOX 316	Code	10283	10284	10285	10286	10287	10288	10289	10290	10291	10292	10293	10294
	Width(mm)	20	22	22	22	22	22	22	24	24	24	24	24
	Diameter(mm)	40-43	44-47	47-50	52-55	56-59	60-63	64-67	68-73	74-79	80-85	86-91	92-97
INOX 316	Code	10295	10296	10297	10298	10299							
	Width(mm)	24	24	24	24	26							
	Diameter(mm)	98-103	104-112	113-121	122-130	131-139							

	DIN	AISI/AS	BS	AFNOR NF	SUS
Hose clamps	1.4401	316	316S16	Z6CND17.12	316
Screw	1.4401	316	316S16	Z6CND17.12	316



INOX
316

Nuova Rade Hose Clamp INOX 316 & 304

Nuova Rade hose clamps are especially designed for marine use, with band, housing and screw all made of Stainless Steel for extra resistance to corrosion. They feature fixed housing and bevelled edges, whereas the complete smoothness of the internal surface will definitely protect from any kind of hose damage. Nuova Rade hose clamps are available in various sizes from 8mm to 140mm with band spreads from 8mm to 20mm and width of 9mm or 12mm depending on the model and in two types depending on their material, stainless steel 304 and 316.

INOX 316

Code	11113	11115	11117	11119	11121	11123	11125	11127	11130
Width(mm)	9			12					
Diameter(mm)	8-16	16-25	25-40	20-32	32-50	50-70	70-90	90-110	120-140

INOX 304

Code	11479	11481	11483	11484	11486	11489	11490
Width(mm)	9			12			
Diameter(mm)	8-16	16-25	25-40	16-27	25-40	50-70	60-80

	DIN	AISI/AS	BS	AFNOR NF	SUS
Hose clamps	1.4401	316	316S16	Z6CND17.12	316
Screw	1.4401	316	316S16	Z6CND17.12	316
Hose clamps	1.4301	304	304S15	Z6CN18.09	304
Screw	1.4301	304	304S15	Z6CN18.09	304



INOX
316

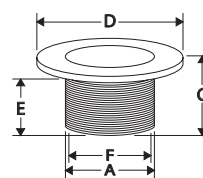
INOX
304

Thru-Hull Fittings

Thru-Hull with Flush Flange Threaded



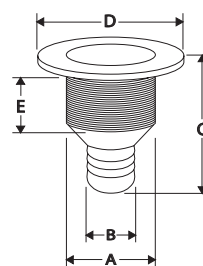
Code	Colour	Thread Diameter Ø A (inch)*	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material	Optional plug
44737	White	1/2"	75	42,8	70	16	PA	-
14186	White	3/4"	77	44	70	19	PA	-
44740	White	3/4"	81	50,3	75,5	18	PA	-
44743	White	1"	93	62	86,4	24	PA	 45322
44746	White	1 1/2"	103	76	95,7	35	PA	 45307



Thru-Hull Easy Mount Threaded with Hose Barb



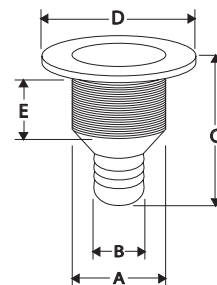
Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug
23669	White	3/4"	20	45	35	15	PA	-
39473	White	7/8" (30mm)	25	80	53	39	PA	 45306
23671	White	1 1/4"	28/35	125	61	45	PA	-
16710	White	1 1/2"	38 or 1 1/4" seacock	121	70	50	PA	-



Thru-Hulls with Flush Flange and Hose Barb



Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug
44696	White	5/8"	15	75	43	40	PA	-
44705	White	3/4"	18	80	51	43	PA	-
44714	White	1"	25	94	62	45	PA	 45322
44729	White	1 1/2"	32	102	76	55	PA	 45307
44735	White	1 1/2"	32	102	76	65	PA	
44723	White	1 1/2"	40	102	76	55	PA	

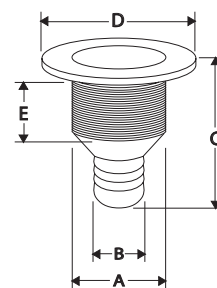


Thru-Hulls with Flush Flange and Hose Barb



Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug	Optional Non-Return Valve
10250	White	1"	19	81	45	36	PP	 45322	-
10251	White	1"	25	81	45	36	PP		 45393
10252	White	1 1/2"	32	98	73	50	PP	 45312	 197023
10253	White	1 1/2"	42	93	73	48	PP		
10256**	White	1 1/2"	32	93	73	50	PP	-	-
10257**	White	1 1/2"	42	93	73	48	PP	-	-

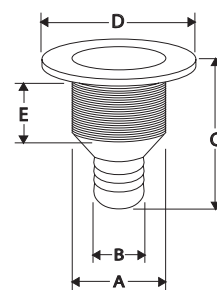
** with non return valve



Chrome plated with plastic nut

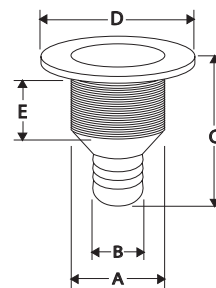
Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug	Optional Non-Return Valve
70597	Chrome	1"	19	82	45	36	PP	 45322	-
70598	Chrome	1"	25	82	45	36	PP		 45393
70600	Chrome	1 1/2"	42	94	74	50	PP	 45312	 197023
70603*	Chrome	1 1/2"	42	94	74	50	PP		

* with non return valve





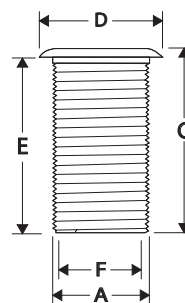
Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug	Optional Non-Return Valve
31351	Black	1 ½"	42	94	73	50	PP	 45312	 197023



Thru-Hulls with Standard Flange Threaded



Code	Colour	Thread Diameter Ø A (inch)*	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material	Optional plug	Optional Valve	Optional Elbow
197211	White	1"	87	50	82	24	PA	-	-	-
196995	White	1 ½"	62	64	54	39	PA	 45312	 197023	 197065
197003	White	1 ½"	92	64	84	40	PA	 45312	 197024	 197061
197017	White	2"	117	72	110	48	PA			
197011	White	2"	72	72	65	48	PA			

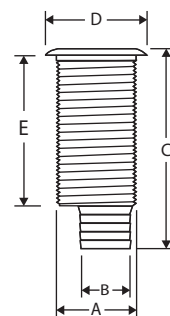


Code	Colour	Thread Diameter Ø A (inch)*	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material	Optional plug	Optional Valve	Optional Elbow
197213	Inox 316	1"	87	50	82	24	PA	-	-	-
196999	Inox 316	1 ½"	62	64	54	39	PA	 45312	 197023	 197065
197007	Inox 316	1 ½"	92	64	84	40	PA			
197014	Inox 316	2"	72	72	65	48	PA			
197020	Inox 316	2"	118	72	72	48	PA	-	 197024	 197061

Thru-Hulls Threaded with Displaced Hose Bar

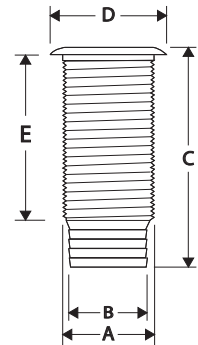


Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall Length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug	Optional Valve
196996	White	1 ½"	31	87	64	57	PA	 45312	 197023
197004	White	1 ½"	31	117	64	86	PA		
197000	Inox 316	1 ½"	31	87	64	57	PA		
197008	Inox 316	1 ½"	31	117	64	86	PA		



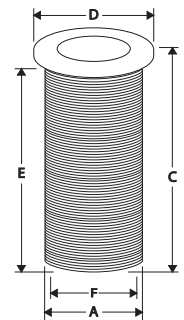
Thru-Hulls Threaded with Hose Barb

	Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug	Optional Valve
	196997	White	1 ½"	38	87	64	56	PA		
	197005	White	1 ½"	38	117	63	86	PA		
	196998	White	1 ½"	45	86	63	58	PA		
	197006	White	1 ½"	45	117	63	86	PA		
	197012	White	2"	51	122	72	55	PA	-	
	197018	White	2"	51	167	72	100	PA		
	197013	White	2"	55	121	72	55	PA		
	197019	White	2"	55	167	72	100	PA		
197218	Inox 316	3/4"	19	82	40	43	PA	-	-	
	197001	Inox 316	1 ½"	38	87	64	56	PA		
	197002	Inox 316	1 ½"	45	87	64	56	PA		
	197009	Inox 316	1 ½"	38	117	64	86	PA		
	197010	Inox 316	1 ½"	45	117	64	85	PA		
	197015	Inox 316	2"	51	122	72	56	PA	-	
	197021	Inox 316	2"	51	167	72	100	PA		
	197016	Inox 316	2"	55	122	72	55	PA		
	197022	Inox 316	2"	55	167	72	100	PA		
										



Thru-Hulls Threaded with Standard Flange

Code	Colour	Thread Diameter Ø A (inch)*	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø (F) (mm)	Material	Optional plug	Optional Non-Return Valve
195527	White	3/4" (25mm)	153	39	148	15	PA		
43499	Black	7/8" (30mm)	155	39	150	22			
43497	White	7/8" (30mm)	155	39	150	22			
43498	Grey	7/8" (30mm)	155	39	150	22			
47756	Cream	7/8" (30mm)	155	39	150	22			
43491	Black	7/8" (30mm)	62	39	58	22			
43489	White	7/8" (30mm)	62	39	58	22			
47755	Cream	7/8" (30mm)	62	39	58	22			
43490	Grey	7/8" (30mm)	62	39	58	22			
43537*	Black	1" (33mm)	155	39	150	25			
43535*	White	1" (33mm)	155	39	150	25			
43536*	Grey	1" (33mm)	155	39	150	25			
43529*	Black	1" (33mm)	62	40	57	25			
43527*	White	1" (33mm)	62	40	58	25			
43528*	Grey	1" (33mm)	62	40	58	25			
47758*	Cream	1" (33mm)	62	40	58	25			
196073*	Black	1" (33mm)	76	42	70	25			
47122*	White	1" (33mm)	76	42	70	25			



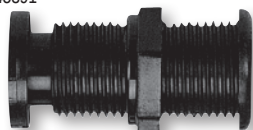
*Meets the EN ISO 11812:2001-7, 4 standard

Thru-Hull Kit

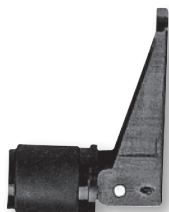
Complete set including :

- A 7/8" (30mm) thru-hull fitting with threaded end (43491).
- A black expanding plug (45306).
- An outlet with non-return valve (45391).

45391

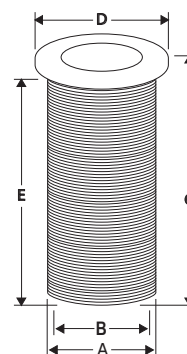


43491



45306

Code	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)
44092	7/8" (30mm)	22,7	62	39	58

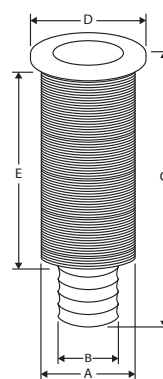


Thru-Hulls Threaded with Standard Flange and Hose Barb



95793

Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug
43508	White	7/8" (30mm)	25	100	40	70	PA	45306
43509	Grey	7/8" (30mm)	25	100	40	70		
47757	Cream	7/8" (30mm)	25	100	40	70		
43510	Black	7/8" (30mm)	25	100	40	70		
43543	White	1"	30	100	42	70		
43544	Grey	1"	30	100	42	70		
43545	Black	1"	30	100	42	70	PP	45322
95793	White	7/8" (30mm)	25	126	40	92		45306



Thru-Hull Threaded with Non-Return Valve



43251

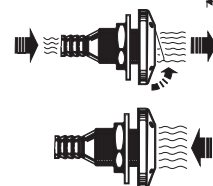
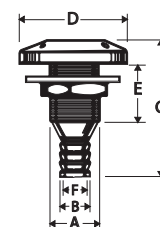
43248



43253



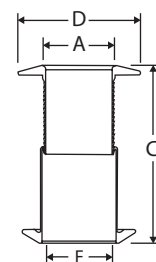
Code	Colour	Thread Diameter Ø A (mm)	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material
43251	White	55	-	116	75	-	41	PA
43248	White	55	45	116	75	78	37	PA
43253	White	55	50	116	75	60	41	PA



Thru-Hull Telescopic



Code	Colour	Thread Diameter Ø A (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material	Features
44763	White	51	65-215	80	50-200	40	PA	With non return valve

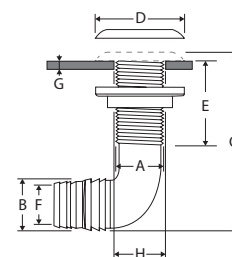


Code	Colour	Thread Diameter Ø A (inch)*	Overall length C (mm)	Flush Flange Ø D (mm)	Int. Ø F (mm)	Material
10258	White	1 1/4"	28-44	57	30	PP
10259	White	1 1/4"	48-75	54	30	PP

Thru-hulls Elbow 90°



- Elbow thru-hulls are the answer to the most common plumbing issues:
- Allow major room saving, as they can be used with a hose running along the hull.
 - Avoid making a bend in the hose, which can sometimes be a source of leak or breakage.
 - Require a simplified installation process inside the hull, carried out by one person only.
- You can hold it firmly with one hand, while screwing with the other hand.



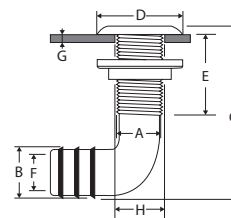
With Chrome plated cap



Code	Colour	Hose Ø B (mm)	Int. Ø F (mm)	Flush Flange Ø D (mm)	Overall length C (mm)	Cut-out Ø H independent of hull thickness G (mm)	Material
10254	White	25	20	60	105	Ø 32mm	PP
70601	White	25	20	60	105	Ø 32mm	PP



Code	Colour	Hose Ø B (mm)	Int. Ø F (mm)	Flush Flange Ø D (mm)	Overall length C (mm)	Cut-out Ø H independent of hull thickness G (mm)	Material
10255	White	25	20	60	110	Hull thckn. <20mm Ø 33mm	PP

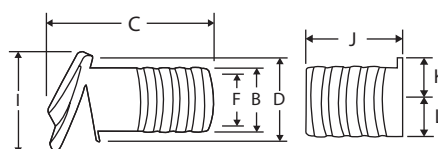


Code	Colour	Hose Ø B (mm)	Int. Ø F (mm)	Flush Flange Ø D (mm)	Overall length C (mm)	Cut-out Ø H independent of hull thickness G (mm)	Material
39548	White	20	15	45	84	Hull thckn. < 20mm Ø 28mm	PA
39549	White	25	19	53	93	Hull thckn. < 20mm Ø 33mm	PA
39550	White	38	32	70	114	Hull thckn. < 20mm Ø 50mm	PA

Thru-Hull System with Flap



Code	Colour	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Max Length Of Lid I (mm)	Second Part			Material
								J (mm)	K (mm)	L (mm)	
47088	White	79	170	107	150	70	130	103	55	45	PA



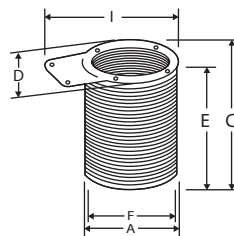
Drain Socket Cap

Code...49672

Thru-Hull with Non-return Valve



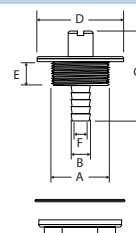
Code	Colour	Thread Diameter Ø A (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Max Length Of Lid I (mm)	Material	Features
43242	Black	68	107	81	94	61	106	PA	With non return valve



Thru-Hull Outlet



Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material
31352	Black	1 1/2"	16	75	71	20	12	PA



Buoyancy Tank Drain Socket, with captive plug
Internal diam.: 18 mm,
External diam.: 23 mm

Code...16687



Captive Plug with O-Ring for Drain Socket

Code	Colour
45276	White
45277	Black



Plug for Drain Socket, White

Code.....16713



16688



95781
95782



43462
43463



43468



43469



16689



43478
43477



16691



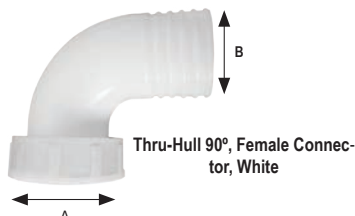
16690



16797

Drain Socket with plug

Code	Specifications	Colour	Flange Dimensions (mm)	Overall Height (mm)	Height of Socket (mm)	Cutout Diameter (mm)	Depth Below Deck (mm)	Mini Internal Diameter (mm)
16688	Plain	White	48 x 36	28	19,5	27	15	19
16689	With 2 holes	White						
43462	With captive plug	White	54 x 33	55	25	27	20	19
43463	With captive plug	Black	54 x 33	55	25	27	20	19
95781	With captive plug	White	60x30	52	23	27	18	19
95782	With captive plug	Black	60x30	52	23	27	18	19
43468	With captive plug	White	Ø 40	55	25	27	20	19
43469	With captive plug	Black	Ø 40	55	25	27	20	19
43478	With 4 holes	Black	Ø 43	38	27	25	22	16,5
43477	With 4 holes	White	Ø 43					
16691	With captive plug	White	Ø 46	63	27	28	21	19
16690	Plain	White	Ø 48	76	66	28	62	19
16797	"Fast Lock"	White	Ø 43	107	96	27	91	19



Thru-Hull 90°, Female Connector, White

Code	Locking Nut Thread A (inch)	Hose Ø B (mm)
197065	1 1/2"	38
197061	2"	50



Non-return Valve

Code	Diameter (mm / inch)
197023	Ø 40 / 1 1/2"
197024	Ø 50 / 2"



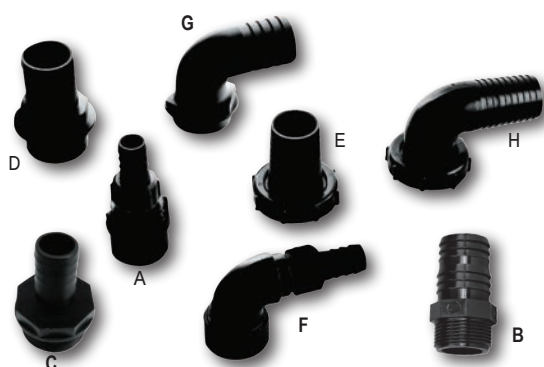
Kit for Non-return Valve
Code.....44093

Thru-Hull Fittings



Code	Description
43500	Drain plug for Inflatable Boat, Ø35mm
45310	Drain plug Rubber, Ø35mm
45307	Expanding Drain Plug, Ø35mm
45312	Expanding Drain Plug, Ø40mm
44230	Spare Part for Non-return Valve, rubber

Code	Description
45306	Expanding Drain Plug, Ø22mm, Black
45322	Expanding Drain Plug, Ø25mm, Black
45309	Expanding Drain Plug Adjustable, Ø22mm
45391	Drain Plug with Non-return Valve, Ø22mm
45393	Drain Plug with Non-return Valve, Ø25mm



Connectors

	Code	Description	Model	Ø (mm)
A	196906	Straight	G ¾"	16
	196904		G ¾"	20
	196915		G ¾"	25
	196914		G 1 ¼"	25
B	196913	Straight	G 1 ¼"	38
	196925		G 1 ½"	25
	196917		G 1 ½"	38
	196902		G 1 ½"	38
F	196905	90°	G ¾"	20
	196916		G ¾"	25
	196918		G 1 ¼"	38
	196901		G 1 ½"	38



Code.... 72133

**Inlet Elbow Fitting for
Ø38mm hose, 1 1/2" thread
tightening ring, black**



Code..... 72134

**Outlet Elbow Fitting for
Ø12mm hose, 1 1/2" thread
tightening ring, black**

Expanding drain plugs

The Lalizas series of expanding drain plugs includes 4 drain plugs of different diameter for different drain sizes. They are made of Nylon, supplied in black and each of the drain plugs can be applied to specific drains in the Lalizas range.



BEST VALUE

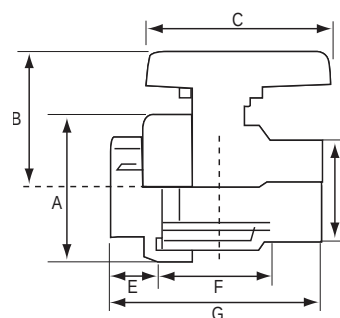
Code	Diam. (mm)	Suitable for Drains
95790	22	95793
95786	25	10250, 10251, 10254 & 10255
95787	35	10259
95785	40	10252, 10253, 10256 & 10257

Lever, Ball & Safety Valves



Ball Valve, Single Union, Plastic, Grey

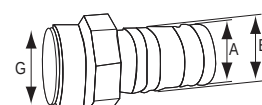
Code	A (mm)	B (mm)	C (mm)	D (inches)	E (mm)	F (mm)	G (mm)	Weight (g)
44669	48	44	78	½"	21	52	93	137
44670	60	54	90	¾"	24	60	104	205
44671	70	64	103	1"	26	66	122	310
44672	82	72	110	1 ¼"	30	74	138	464
44673	94	86	120	1 ½"	34	84	152	655



Hose adaptor for Valve, threaded



Code	G Ø (inches)	Ø A (mm)	Ø B (mm)
44538	1/2"	16	17
44539	3/4"	19	20
44540	1"	29	30
44541	1 ¼"	32	33
44542	1 ½"	39	40



Ball valves, PVC



Code	A Diameter (in.)
90373	1/2
90374	3/4
90375	1
70979	1 1/4
70980	1 1/2

Non-return Valves

Lalizas non-return valves are ideal for use with all the "Zero Aqua Plus" bilge pump series. They feature a quick release clip, allowing you to service them easily and quickly. They are available as in-line units or with a 90° curve. Finally, its outlet connection allows the use of either a 3/4 to 1" or a 1 1/4" to 1 1/2" hose.

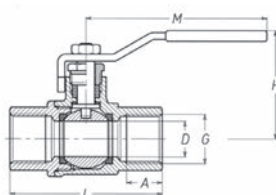
BEST VALUE



Code	31344	31345	31346	31347	31348
Hose Outlet	1"	3/4" - 1"	3/4"	1 1/2"	1 1/2" - 1 1/4"
Hose Inlet	3/4" - 1"	3/4" - 1"	3/4" - 1"	1 1/2" - 1 1/4"	1 1/2" - 1 1/4"
Angle	90°	Inline	90°	90°	Inline



Lever operated ball valve F-F, SeaWare, nickel plated brass, for gas



SEA WARE

Code	Weight (gr)	M	H	L	D	A	G
96569	122	71	45	41	10	10,5	1/4"
96570	115	71	45	41	10	10,5	3/8"
96571	148	90	50	47,5	14	10,5	1/2"
96572	220	92	53	53,5	18	12	3/4"
96573	310	114	57	62	21	12,5	1"



Lever operated ball valve F-F, SeaWare, nickel plated brass, for water

Code	Weight (gr)	M	H	L	D	A	G
70150	122	71	45	41	10	10,5	1/4"
70151	115	71	45	41	10	10,5	3/8"
70152	148	90	50	47,5	14	10,5	1/2"
70153	220	92	53	53,5	18	12	3/4"
70154	310	114	57	62	21	12,5	1"
70155	520	136	70	72	29	13,5	1 1/4"
70156	750	150	76	78,5	32	16	1 1/2"

Ventilators

Ventilators "EVO"

"EVO" ventilators achieve natural air circulation in the interior of your boat. They improve air quality, reduce humidity and eliminate carbon dioxide concentration indoors. A healthy atmosphere insures crew comfort and prolongs electrical device's life. "EVO" ventilators 70231 and 70235 are made of highly resistant plastic and 70234 and 70238 are made of ABS. They come in both rectangular and square shapes and they can be combined with connector 70239 for better performance. You will find "EVO" ventilators in white and chrome colour.

Connector "EVO" 91.5x91.5x66mm, white

"EVO" connectors are attached to ventilators to support the bulkhead of your boat. The advantage of these connectors is their unique design, which prevents heavy water inflows in rough sailing. "EVO" connectors are made of white highly resistant plastic.

BEST VALUE



Code	Dimensions (mm)	Material	Colour
70231	183x91,5x16,5	Highly Resistant Plastic	White
70234		ABS	Chrome

BEST VALUE



Code	Dimensions (mm)	Material	Colour
70235	91.5x91.5x16.5	Highly Resistant Plastic	White
70238		ABS	Chrome

BEST VALUE



Code.....70239

Ventilators

Made of strong ABS ensuring a long and durable life. There are two sizes available, 115mm x 127,5mm and 90mm x 255mm respectively. The integrated design produces easy screw mounting.



Code	01685	01686
Colour	White	
Dimensions (cm)	11,5X12,7	9X25,5

Ventilator, Inox 316



Code	Diameter (mm)	Thickness (mm)
99808	125	0,8

Louver Ventilator, Inox 316



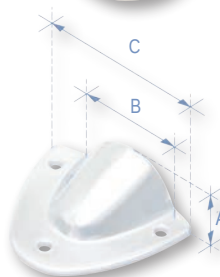
Code	Diameter (mm)	Thickness (mm)
99810	102	0,8
99809	126	

Louve Ventilator, Inox 316



Code	Length (mm)	Width (mm)	Thickness (mm)
99063	127	115	0,8
99064	230		
99065	228		

Vent, Inox 316



Code	92790	92789
A(mm)	11	16
B(mm)	27	50
C(mm)	42,2	62,50

*Surface E.P.= Electro polished



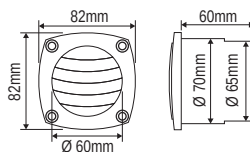
Ventilation Shaft Grilles Cover

Code	Colour	Dimensions (mm)
47063	White	92 x 92
50152		118 x 118



Ventilation Shaft Grilles with Gasket, White

Code.....12410



Ventilation Shaft Grilles Cover

Code	Colour	Ø (mm)
12409	White	85
16307	Grey	85
16308	Black	85



Ventilation Shaft Grilles Cover

Code	Colour	Dimensions (mm)
16311	Black	200 x 100
17657	White	200 x 100



Ventilator Connector, black

Code	Description	Hose Ø (mm)
50155	PVC straight connector	65 / 70
50156		100



Ventilation Shaft Grilles Cover

Code	Colour	Dimensions (mm)
47065	White	206 x 106



Ventilator with Water Outlet, 420x120mm, (built-in 385 x 90 x 60), White

Code..... 44547



Ventilation Shaft Grilles, Double

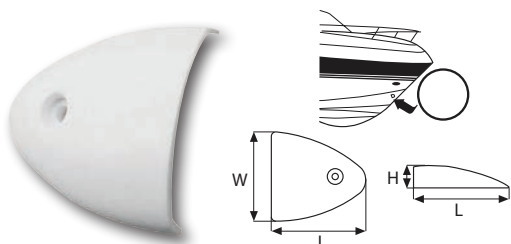
Connects two ventilation exhausts behind one single louvred vent.

Code	Description	Colour	Dimensions (mm)
44545	Detachable double ventilation - Polyamide	White	255 x 115
44546		Black	255 x 115



Ventilation Clam Shell Cover, Round, Ø87mm, White

Code..... 44551



Ventilation Clam Shell Cover, white

L55mm x W50mm x H12mm

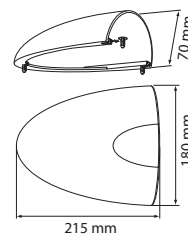
Code..... 31519



Code..... 54386

Ventilation Clam Shell Cover

For additional protection against heavy water intrusions. Suitable for 3" and 4" ventilators. To be fixed on top of the ventilator with 3 nylon fasteners. Made from polyamid, shock and UV-resistant. Compatible with common sealants and impervious to acetic acids. (215x180x70 mm)

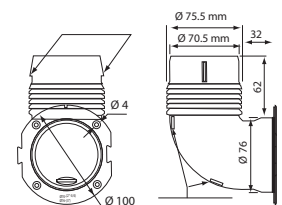
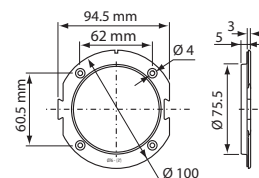
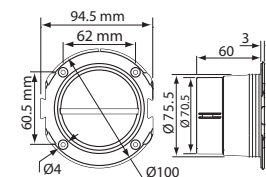


Ventilator Connector Ø 76mm

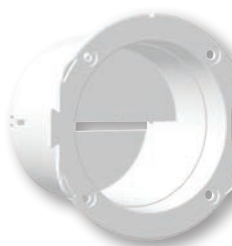
Suitable for Ø 76,2 and 70 mm ducting hose. Manufactured from polypropylene for a good UV-resistance. It is extremely shock and load resistant, compatible with common sealants and impervious to acetic acids. Made to support a hose along a bulkhead. On the straight model, ventilation is ensured by a louvred opening, which also prevents heavy water intrusions.

Quick and easy installation :

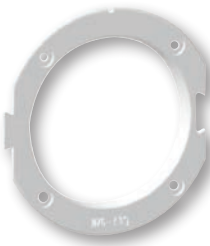
Drill a Ø 76,2 mm hole. Notches ensure the perfect hold of the adapter in the bulkhead. Secure the adapter with 4 x M4 screws and sealant for waterproofness (compatible with most common sealants). Clip a louvred vent if necessary : moulded-in ribs contribute to the vent's secured position. Fit the hose on the adapter. Two lugs hold the hose, while waiting to be secured with stainless steel hose clips (not supplied).



54390



47514



54389

Code	Model
47514	straight
54389	elbow
54390	5 mm flange

Ventilation Shaft Grilles, Double

Connects two ventilation exhausts behind one single louvred vent.

Offers multiple combinations in conjunction with two adaptors (flange, straight or elbow stiffening adaptors).

The vent is simply clipped on the stiffening adaptors (90 mm space between the two holes)



Code	Colour	Dimensions (mm)
54391	White	195 x 105 Ø 3"

Ventilation Shaft Grilles Cover, Ø76mm

Used either on its own to ventilate a locker or in conjunction with the stiffening adaptor for connection to a hose.

No screws required : neat aesthetics and time-saving assembly



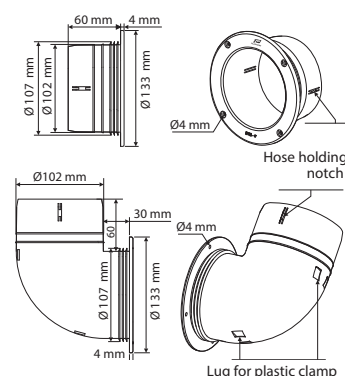
Code	Colour
47515	White
47516	Grey
47517	Black

Ventilator Connectors Ø 102mm

Polypropylene construction :

Shock and load resistant, impervious to fuel and acetic acid. Notches and lugs hold the hose in position ; in addition, the hose must be secured with stainless steel clamps. Connector is easy to fit, by means of 4 screws outside.

When installing the blower, we recommend to place the exhaust louvred ventilator in a reasonably protected area (for example, in the cockpit rather than on the transom), so as to prevent water intrusion into the ventilation circuit. An extra precaution consists in building an elbow in the hose.



51069



60071



51070

Code	Description
51069	Elbow
51070	Straight
60071*	Shaft Grilles Cover

* Also available in other colour upon special request

Cabin Vents

Cabin vents offer natural ventilation indoors and prevent water leaks from waves and rain. They open and close manually. When open, air is circulated and water stays out of your boat. Cabin vents are made of plastic. The vent with code number 98621 is equipped with an inox cover.



BEST VALUE



Impermeability

Water pushes the special balls inside the vent to shut ventilation holes and ensure absolute impermeability.

Code	Diameter (cm)	Cut area (cm)	Cover
70158	20	9,5	White
98621			Inox



BEST VALUE

Solar Vents

Solar vents provide mechanical ventilation utilising solar energy. The solar panel activates the fan, which allows the air to flow in. These autonomous vents detect water flows from waves and rain, while refreshing the atmosphere even on those calm windless days. Special balls inside the vents are pushed by the water to shut ventilation holes and ensure impermeability. They have two functions; one function activates solar function and the other modifies the fan's function from clockwise to counter clockwise. Solar vents are made of white plastic, while the 98681 vent is equipped with an inox cover.

Code	Diameter	Cut area	Cover
98680	20cm	9,5cm	White
98681			Inox



Impermeability

Water pushes the special balls inside the vent to shut ventilation holes and ensure absolute impermeability.



Solar panel

Operates with Solar Energy. Activation with on/off switches.



BEST VALUE

"24 hours" Vent

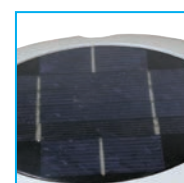
"24 hours" vent is completely automatic as it works with solar energy in sunny days and batteries, during the night. Forced ventilation is controlled through a dynamic impeller, which turns clockwise to inflow and counter clockwise to exhaust air. The user adjusts the vent on the corresponding function through on/off switches. Active air movement absorbs moisture and refreshes the interior of your boat completely. Simultaneously, when water enters the vent special balls inside block its entry to achieve absolute impermeability. "24 hour" vents are made of white plastic. The 99689 vent is equipped with inox cover.

Code	Diameter	Cut area	Cover
99688	20cm	9,5cm	White
99689			Inox



Impermeability

Water pushes the special balls inside the vent to shut ventilation holes and ensure absolute impermeability.



Solar panel

Operates with Solar Energy. Activation with on/off switches.

Battery

Rechargeable battery, charged automatically by the solar panel. Activation with on/off switches.



PCB

Three functions PCB to activate solar function, activate battery function and modify fan function from clockwise to counter clockwise turn.

Hydraulic Filters



Plastic Strainer Grilled, Oval, 120x80mm, Black

Code.....16712



Plastic Bilge Strainer

Code	Colour	Hose Ø (mm)	Output	Shape	Dimensions (mm)
13942	Black	18/20/24	Horizontal	Rectangular	145x60x38

Deck Hardware

Deck Plates & Hatches	108-129
Portholes & Accessories	129-130
Bugbusters	131
Ventilating sail	131
Pad Eyes	132
U-Bolts & Cleats	132
Rail Hardware	133
Locks & Hooks	134
Hinges	134-135
Handrail	135-136
Screws, Nuts & Washer	136-137
Flags & Accessories	138-139



Marine Padlocks SeaLock

Page 134

Flags

Page 138



Krome

353x606mm

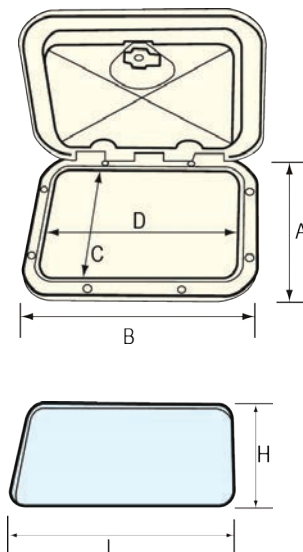
315x440mm

270x375mm

243x607mm

370x375mm

460x510mm



KROME Hatches
with chromed handles
ASA - UV resistant

Code	Colour	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
196513	White	270	375	183	289	200	300
196514		315	440	237	357	243	363
196515		353	606	266	520	283	530
196516		243	607	162	521	173	530
196517		370	375	283	289	300	300
196518		460	510	373	433	390	445

Optional Spare Parts		
Lock	Handle	Gasket
		
44813	196494 (chromed)	44554 (1,7m)

Top Line

270x375mm

TOP LINE Hatches
ASA - UV resistant



Code	Model	Colour
196279	Standard	White
198030*		Grey
196293		Cream
196286	With lock	White
196280		Grey
196294		Cream

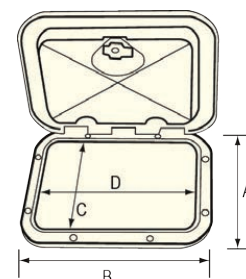
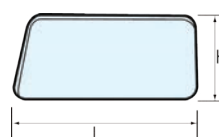
Optional Spare Parts		
Lock	Handle	Gasket
		
44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)



 **CE ISO 12216**



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
270	375	183	289	200	300



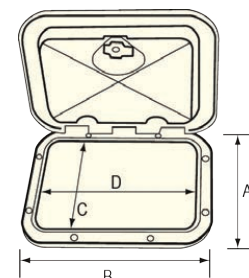
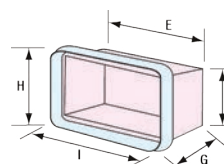
Special colours available upon request.

Top Line

270x375mm



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
270	375	183	289	270	170	160	210	305

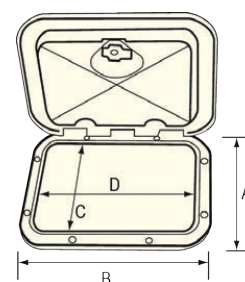
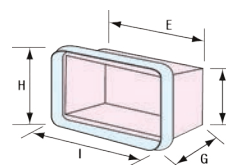


TOP LINE Storage Hatches ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196281	Standard	White			
196295		Grey			
196288		Cream			
196282	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
270	375	183	289	270	170	160	210	305



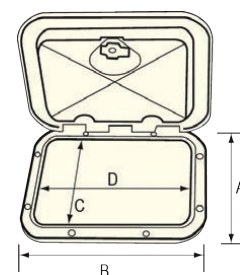
TOP LINE Storage Hatches with Drawers ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196283	Standard	White			
196297		Grey			
196290		Cream			
196284	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)

315x440mm



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
315	440	237	357	243	363



TOP LINE Hatches ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196300	Standard	White			
196306		Grey			
196303		Cream			
196301	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)

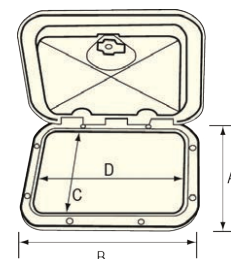
Special colours available upon request.

Top Line

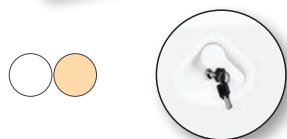
353x606mm



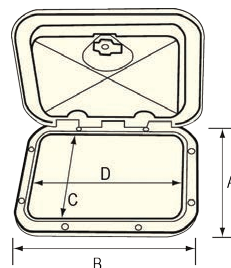
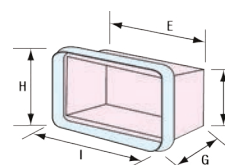
A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
353	606	266	520	283	530

TOP LINE Hatches
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196256	Standard	White			
196317		Grey			
196312		Cream			
196309	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)
196318		Grey			
196313		Cream			

TOP LINE Storage Hatches
ASA - UV resistant

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
353	606	266	520	495	250	325	290	540

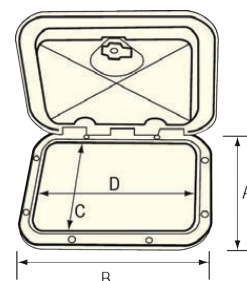


Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196310	Standard	White			
196314		Cream			
196311	With lock	White	44813	44206 (White) 47738 (Cream)	44554 (1,7m)
196315		Cream			

243x607mm



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
243	607	162	521	173	530

TOP LINE Hatches
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196322	Standard	White			
196328		Grey			
196325		Cream			
196323	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)

Special colours available upon request.

Top Line

243x607mm

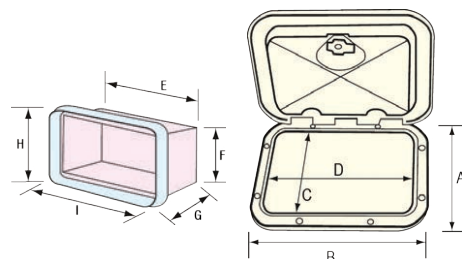


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
243	607	162	521	513	151	182	177	542

TOP LINE Storage Hatches

ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196657	Standard	White			
196661		Grey			
196659		Cream			
196658	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)



370x375mm

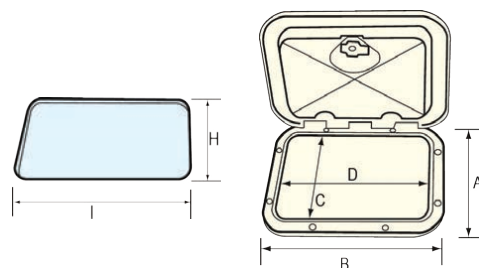


A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
370	375	283	289	300	300

TOP LINE Hatches

ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196331	Standard	White			
196341		Grey			
196336		Cream			
196332	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)



370x375mm

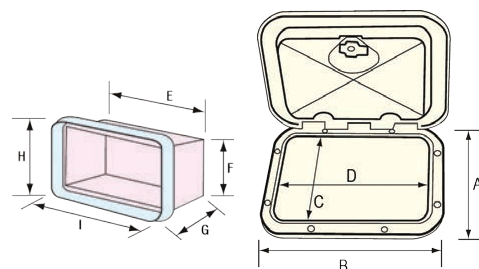


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
370	375	283	289	305	310	245	320	310

TOP LINE Storage Hatches

ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196333	Standard	White			
196343		Grey			
196338		Cream			
196334	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)
196344		Grey			
196339		Cream			



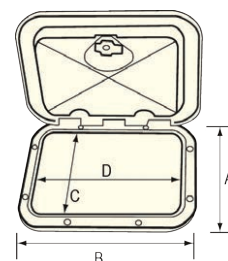
Special colours available upon request.

Top Line

460x510mm



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
460	510	373	433	390	445

TOP LINE Hatches
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196346	Standard	White			
198031*		Grey			
196356		Cream			
196351	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)
196347		Grey			
196352		Cream			

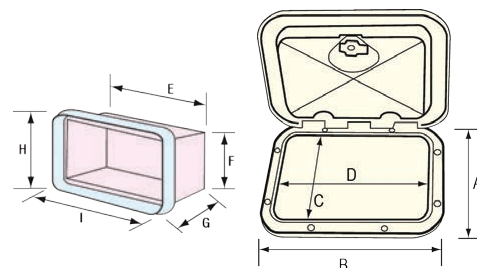
new
*CE ISO 12216



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
460	510	373	433	410	350	330	395	445

TOP LINE Storage Hatches
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196348	Standard	White			
196349	With lock	White			
			44813	44206 (White)	44554 (1,7m)



356x397mm



Supplied with fixing strap
for the gas bottle.

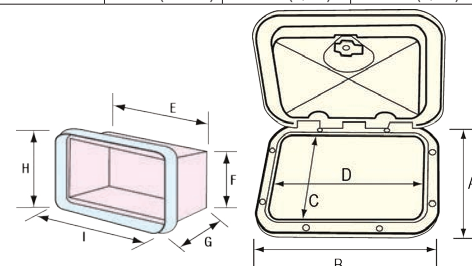


**Strap Fixing,
Length 1,30m**
Code...43895

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
356	397	289	323	300	330	240	305	338

TOP LINE Storage Hatches for Gas Bottle 3 kg
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts			
			Lock	Handle	Gasket	Strap
196257	Interrupted gasket	White				
196258		Cream				
196259	Whole gasket	White	44813	44206 (White) 47738 (Cream)	44554 (1,7m)	43895 (1,3m)



To be installed as per DIR 24/25 EC ANNEX 1 PAR 5.5

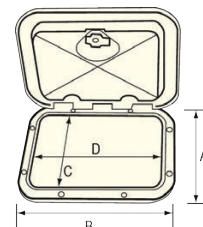
Special colours available upon request.

Mid Line

355x600mm



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
355	600	250	500	275	524



MID LINE Hatches

ASA - UV resistant

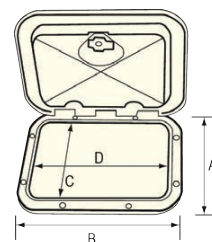
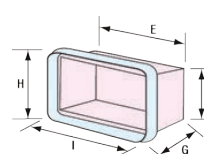
Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196849	Standard	White			
196852	With lock	White	44813	44206 (White)	44554 (1,7m)

MID LINE Storage Hatches

ASA - UV resistant



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
355	600	250	500	520	280	320	285	535

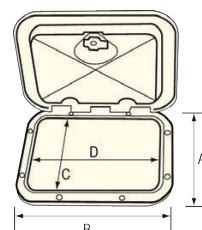


Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196855	Standard	White			
196858	With lock	White	44813	44206 (White)	44554 (1,7m)

278x378mm



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
278	378	175	275	198	296



MID LINE Hatches

ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196812	Standard	White			
196815	With lock	White	44813	44206 (White)	44554 (1,7m)

Special colours available upon request.

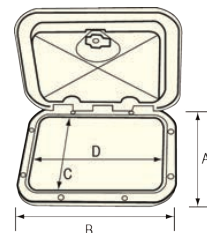
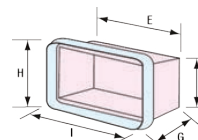
Mid Line

MID LINE Storage Hatches
 ASA - UV resistant


Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196818	Standard	White			
196821	With lock	White	44813	44206 (White)	44554 (1,7m)



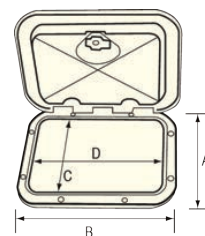
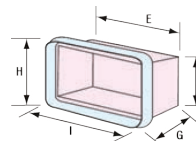
A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
278	378	175	275	270	170	160	210	305


MID LINE Storage Hatches with Drawers
 ASA - UV resistant


Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196824	Standard	White			
196827	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
278	378	175	275	270	170	160	210	305

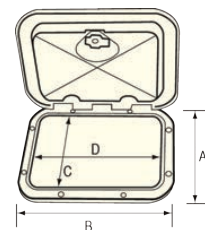


380x380mm


MID LINE Hatches
 ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196833	Standard	White			
196836	With lock	White	44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
380	380	275	275	305	305



Special colours available upon request.

Mid Line

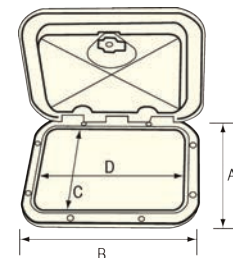
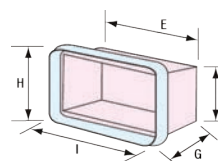
380x380mm

MID LINE Storage Hatches
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196839	Standard	White			
196842	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
380	380	275	275	280	280	250	315	315



Classic

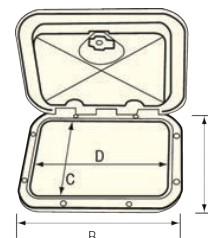
275x375mm

CLASSIC Hatches
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196567	Standard	White			
196577		Grey			
196586		Cream			
196569	With lock	White	44813	44206 (White) 44207 (Grey) 44738 (Cream)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
275	375	180	280	198	298

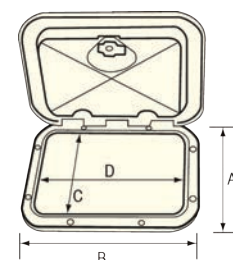
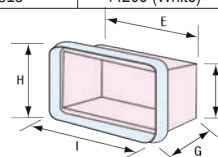


CLASSIC Storage Hatches
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196570	Standard	White			
196571	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
275	375	180	280	270	170	160	210	305



Our hatches are supplied with screw hole covers

Special colours available upon request.

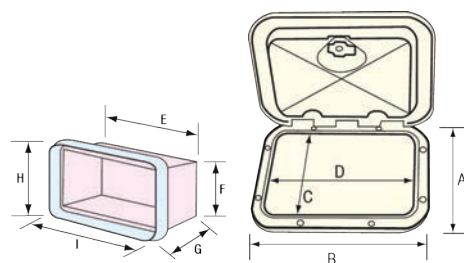
Classic

275x375mm

CLASSIC Storage Hatches with Drawers
ASA - UV resistant

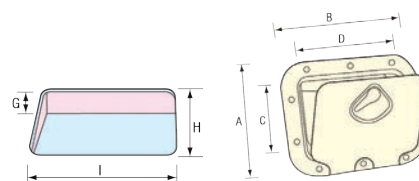
Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196572	Standard	White			
196573	With lock	White	44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
275	375	180	280	270	170	160	210	305

CLASSIC Hatches with Storage Bag
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196574	Standard	White			
196575	With lock	White	44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
275	375	180	280	220	198	298

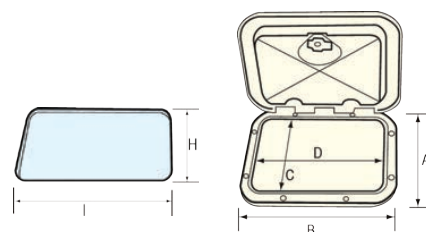


355x600mm

CLASSIC Hatches
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196596	Standard	White			
196604		Grey			
196598	With lock	White	44813	44206 (White) 44207 (Grey)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
355	600	250	500	275	524



Special colours available upon request.

Classic

355x600mm

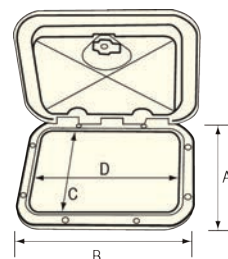
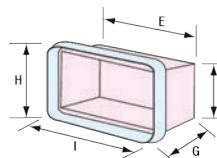


CLASSIC Storage Hatches
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196599	Standard	White			
196600	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
355	600	250	500	495	245	325	280	535

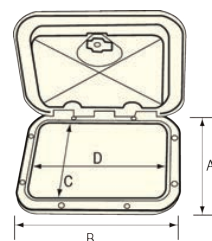
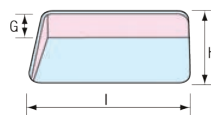


CLASSIC Hatches with Storage Bag
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196601	Standard	White			
196602	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
355	600	250	500	220	275	524



463x517mm

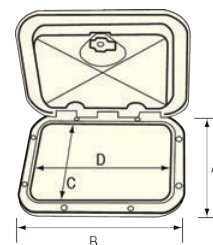


CLASIC Hatches
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196619	Standard	White			
196626		Grey			
196633		Cream			
196620	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
463	517	362	416	386	442



Our hatches are supplied with screw hole covers

Special colours available upon request.

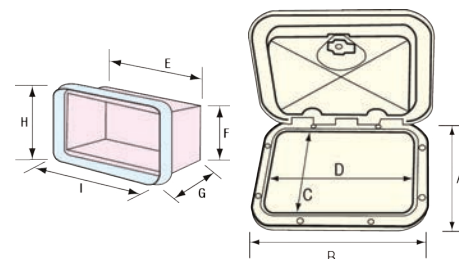
Classic

463x517mm

CLASSIC Storage Hatches
ASA - UV resistant

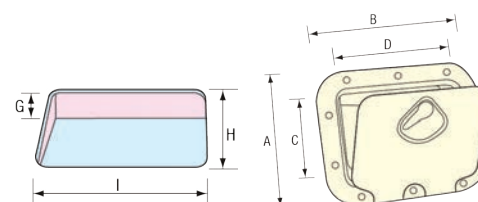
Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196621	Standard	White			
196622	With lock	White	44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
463	517	362	416	410	350	290	395	445

CLASSIC Hatches with Storage Bag
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196623	Standard	White			
196624	With lock	White	44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
463	517	362	416	220	386	442

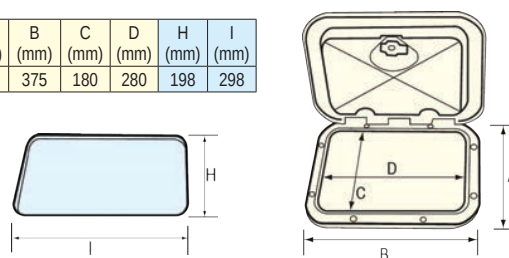


275x375mm

CLASSIC Hatch with Removable Cover 275x375
ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196568	Standard	White			
			44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
275	375	180	280	198	298



Our hatches are supplied with screw hole covers



Special colours available upon request.

Classic

355x600mm



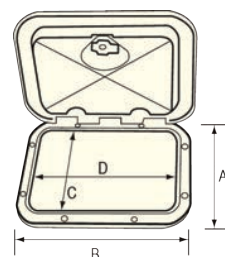
Our hatches are supplied with screw hole covers



CLASSIC Hatch with Removable Cover 355x600
ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196597	Standard	White			
196612		Cream			
			44813	44206 (White) 47738 (Cream)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
355	600	250	500	275	524



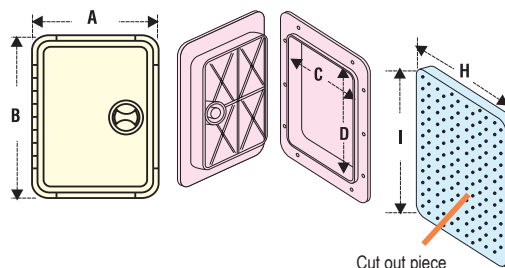
Industrial

Access and Inspection Hatches

Access and Inspection Hatches are ideal for easily reaching and controlling various areas on board, such as fuel lines, electrical cables, gauges, controls, even the engine. They are specially designed with a non-skid surface and can be mounted horizontally, as well as, vertically. All hatches are mounted with hidden screws for discrete appearance. They feature an O-ring seal that makes the hatch watertight, 180° opening door, with one or two handles, where you can install a lock and an O-ring seal that makes the hatch watertight. All hatches are made of tough, UV resistant PP (polypropylene) plastic, impervious to chemical solvents and are designed for external use.



276x376mm
250x606mm
358x606mm
460x511mm



INDUSTRIAL Access Hatches
PP - UV resistant

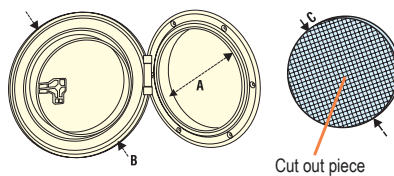
Code	Model	Colour	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)	Optional Spare Parts	
			Lock	Gasket						
10262	Standard	White	276	376	193	293	200	300		
10263		Grey								
11103		White	250	606	167	524	173	530		
11104		Grey								
10264		White	358	606	275	525	280	530		
10265		Grey								
11101		White	460	511	380	436	386	442		
11102		Grey								
									44810	70143 (2m)

Special colours available upon request.

Industrial



201x280mm
240x334mm



INDUSTRIAL Inspection Hatches
PP - UV resistant

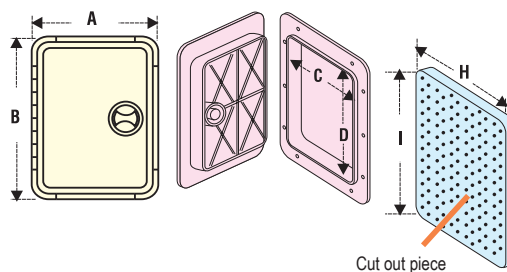
Code	Model	Colour	A (mm)	B (mm)	C (mm)	Optional Spare Parts	
						Lock	Gasket
10266	Standard	White	201	280	208		
10268		Grey					
10270		White	240	334	265		
10272		Grey					
						44810	70143 (2m)

Access Hatches with Detachable Cover

Access Hatches with Detachable Covers are made of tough UV resistant PP (polypropylene) plastic material, impervious to chemical solvents and are ideal both for internal and external use. They feature a completely detachable door for ease of use and handles that can be fitted with a lock. The non-skid surface and the hidden screws are additional important features.



316x366mm



INDUSTRIAL Access Hatches with Detachable Cover
PP - UV resistant

Code	Model	Colour	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)	Optional Spare Parts	
									Lock	Gasket
11105	Standard	White	316	366	226	276	250	300		
11106		Grey							44810	70143 (2m)

Special colours available upon request.

Industrial

95x154mm
122x181mm
145x210mm

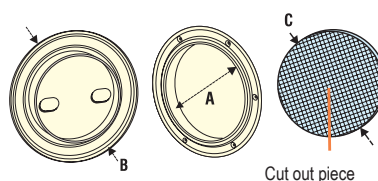
Inspection Hatches with Detachable Cover

The Inspection Hatches with Detachable Cover are made of tough plastic for extra resistance to the sun, water, salt and detergents containing acetone. They have no hinges, so that you can completely remove the cover. Their opening is easy, since the specially designed thread automatically ejects the cover, once you turn it 90° counter clockwise. Furthermore, they feature non-skid surface and hidden screws for smarter appearance.

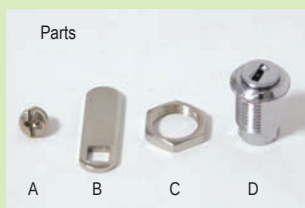
INDUSTRIAL Inspection Hatches with Detachable Cover

PP - UV resistant

Code	Colour	A (mm)	B (mm)	C (mm)
11107	White	95	154	113,5
11109		122	181	141
11111		145	210	164



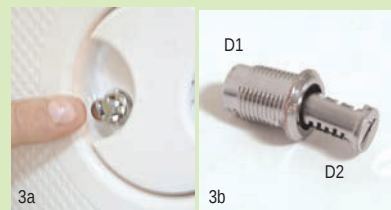
Installing the key lock on the Lalizas hatches



1. Remove the screw (A), the tongue (B), and the fastener (C) from the back side of the key lock (D).



2. Drill a 12mm hole in the specified mark at the back of the handle.



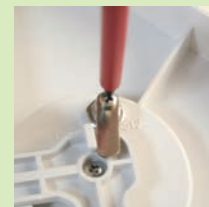
3. Insert the lock into the tube from the front side of the hatch (Pic 3a). Attention: The lock is made of 2 pieces, the tube (D1) and the locking mechanism (D2) (Pic 3b). Since these are not attached together, you must be careful in handling, so that you do not lose the latter during installation.



4. Holding the lock in place with one hand, place the fastener from the back side of the hatch, with the other. Fasten till the end.

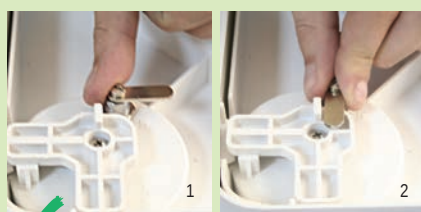


5. Place the tongue from the back side of the hatch

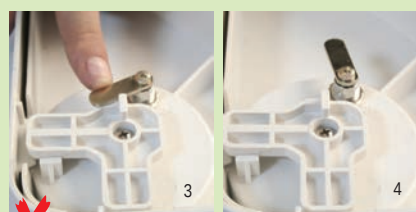


6. Fasten the screw from the back side of the hatch

Attention



When placing the tongue make sure that the handle is in the lock position and that the tongue is facing towards the centre of the hatch's locking system. These are the correct open (pic 1) and close (pic 2) positions.



If you place the tongue any other way it will not lock firmly (see pictures 3 & 4).

Special colours available upon request.

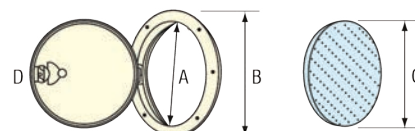
Inspection Hatches Ø 190mm

ASA, UV resistant

Code	Model	Colour
42791	Standard	White
47726		Cream
46580		Grey

Optional Spare Parts		
Lock	Handle	Gasket
		
44810	44197 (White) 44198 (Grey) 47737 (Cream)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)
190	265	219	210



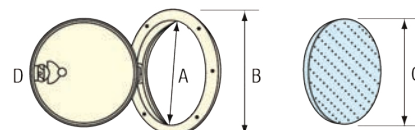
Inspection Hatches Ø 235mm

ASA, UV resistant

Code	Model	Colour
43565	Standard	White
47725		Cream
46579		Grey

Optional Spare Parts		
Lock	Handle	Gasket
		
44810	44197 (White) 44198 (Grey) 47737 (Cream)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)
235	315	265	250



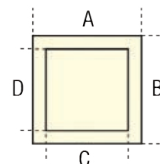
Inspection Hatches with Detachable Cover 306 x 356

ASA, UV resistant

Code	Model	Colour
45163	Standard	White
45164		Grey
45166	With lock	White

Optional Spare Parts		
Lock	Handle	Gasket
		
44810	44197 (White) 44198 (Grey)	44556 (1,5m)

A (mm)	B (mm)	C (mm)	D (mm)
306	356	246	296



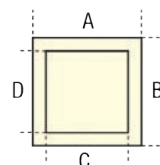
Inspection Hatches with Detachable Cover 380 x 380

ASA, UV resistant

Code	Model	Colour
45175	Standard	White
45176		Grey
45178	With lock	White

Optional Spare Parts		
Lock	Handle	Gasket
		
44810	44197 (White) 44198 (Grey)	44556 (1,5m)

A (mm)	B (mm)	C (mm)	D (mm)
380	380	295	295



Special colours available upon request.

Inspection Hatches

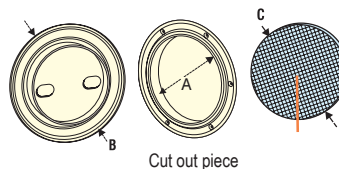
ASA, UV resistant

Code	Colour	A (mm)	B (mm)	C (mm)	Optional Spare Key
195380	White	100	145	114	 196053
195381		125	170	139	
195382		150	205	165	



Spare Key for Inspection Hatches

Code.....196053



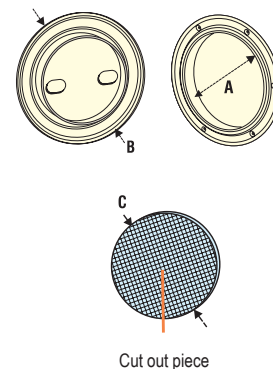
Cut out piece

Inspection Hatches

ASA, UV resistant

Self centering tread with o-ring water resistant

Code	Colour	A (mm)	B (mm)	C (mm)
196434	White	108	162	120
196439	Cream	108	162	120
196441	Grey	108	162	120
196443	White	133	187	145
196448	Cream	133	187	145
196450	Grey	133	187	145
196452	White	168	222	180
196457	Cream	168	222	180
196459	Grey	168	222	180

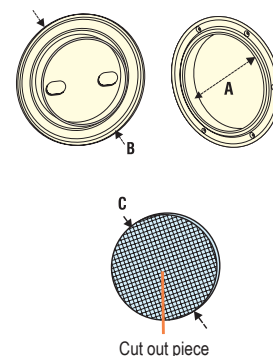


Cut out piece

Inspection Hatches with Pressure Lock

ASA, UV resistant

Code	Colour	A (mm)	B (mm)	C (mm)
196437	White	108	162	120
196446		133	187	145
196455		168	222	180



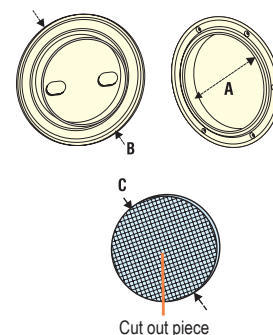
Cut out piece

Inspection Hatches with Removable Bag

ASA, UV resistant

Self centering tread with o-ring water resistant

Code	Colour	A (mm)	B (mm)	C (mm)
196435	White	108	162	120
196444		133	187	145
196453		168	222	180



Cut out piece

Special colours available upon request.

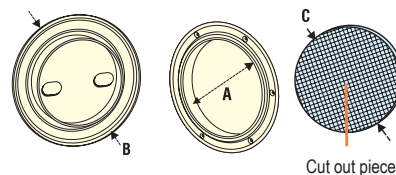


Inspection Hatches

ASA, UV resistant
Rotating lock and bayonet with O-Ring



Code	Colour	A (mm)	B (mm)	C (mm)
43909	White	104	143	115
43918		130	170	142
43927		155	200	168
43910	Black	104	143	115
43919		130	170	142
43928		155	200	168
47731	Cream	104	143	115
47732		130	170	142
47733		155	200	168

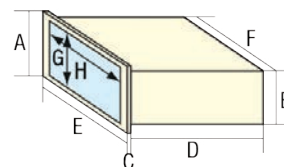


Utility Storage Hatch with Lid

ASA, UV resistant



Code	Model	Colour	Optional Spare Parts
			Gasket
196376	Standard	White	 44558 (1,56m)



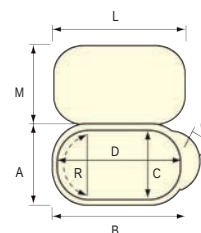
A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
110	81	8	150	235	198	75	192

Utility Storage Hatch Oval

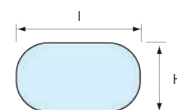
ASA, UV resistant



Code	Model	Colour	Optional Spare Parts
			Gasket
196805	Standard	White	 44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)	R (mm)
120	210	85	170	65	91	176	220	130	80



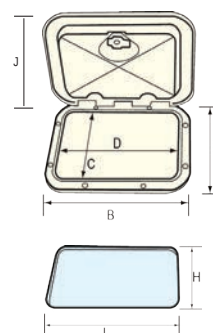
Hatches for VHF/RadioCD

ASA, UV resistant



Code	Model	Colour	Optional Spare Parts	
			Lock	Gasket
196361	Standard	White		
196362	With lock			
196366	Standard	Cream	44810	44556 (1,5m)

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)	J (mm)
165	285	108	226	132	250	180



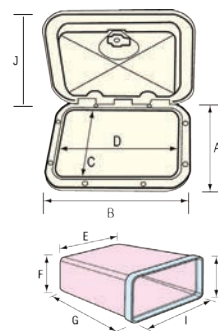
Special colours available upon request.

Storage Hatches for VHF/RadioCD

ASA, UV resistant



Code	Model	Colour	Optional Spare Parts	
			Lock	Gasket
196363	Standard	White		
196364	With lock		44810	44556 (1,5m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)
165	285	108	226	250	140	250	140	250	180

Special colours available upon request.

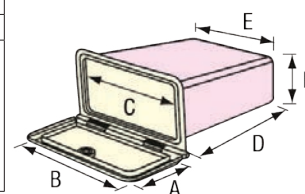
Storage Hatches for VHF/General Use

with cromed handle

ASA, UV resistant



Code	Model	Colour	Optional Spare Parts	
			Lock	Gasket
195548	Standard	White		
195555	With lock		44810	44556 (1,5m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
174	292	242	116	236	124

Gaskets



Code	Description	Length (m)
44556	for 90° hatches	1,5
44558	for 180° hatches	1,56
44554	for TOP LINE/MID LINE/CLASSIC hatches	1,7
70143	for INDUSTRIAL hatches	2



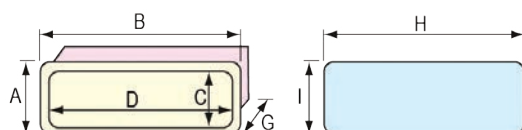
196671



196673

Utility Storage Cases, Side Mount, white

Code	Description
196671	Right
196773	Left
196673	Right with glass holder
196775	Left with glass holder



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
266	561	195	475	125	496	200



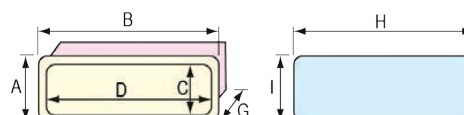
Handle-Sunglasses Holder

Code	Colour	Length (mm)	Height (mm)
44535	White	175	85



Utility Storage Cases, 1/2 Open, White

Code.....45344



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
170	420	120	370	100	380	130

Deck Plates & Hatches



Storage Cases

These cases will definitely solve the problem of storage on the deck. They are available in various sizes and can be fitted with single or full cover to protect the contents from spray. They are made of highly resistant plastic material, while the optional covers are made of tinted see-through acrylic (PMMA) for durability and visibility. The Lalizas storage cases are suitable for horizontal and vertical use and they are very easy to mount using silicone or polyurethane construction adhesive. On the rear side of the cases drilling points are marked, if screws are required.



11464



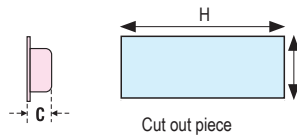
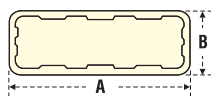
11459



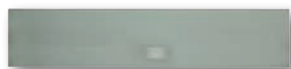
11454

Storage Cases, White

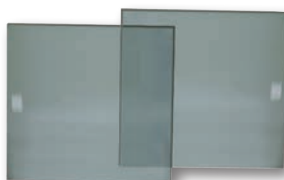
Code	A (mm)	B (mm)	C (mm)	H (mm)	I (mm)
11464	428	184	112,5	597	300
11459	545	245	394	485	193
11454	692	394	132	385	140



Cut out piece



11466



11458

Storage Cases Covers

Code	Length (mm)	Width (mm)	Thickness (mm)
11466	382	68	4
11458	304	304	5

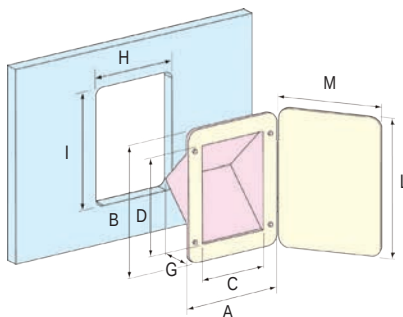
Choosing the right Cover for your Storage Case (Optional)

Storage Cases Codes	Storage Cases Covers Codes	
	Single Fixed	Horizontal Full Sliding
11454		11458
11464	11466	-



Cases for Deck filler

Code	Colour
44302	White
647442	Cream



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	160	144

Cases for Deck filler
with Lid

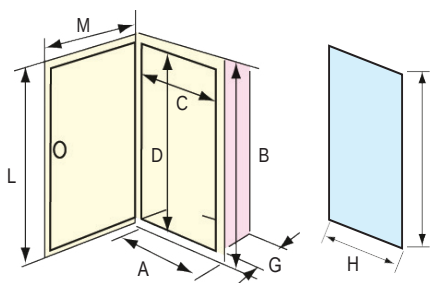
Code	Colour
196414	White

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
145	191	110	155	80	144	160	200	165



Cases for Shower

Code	Colour
44301	White



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	114	160



Cases for Shower with Lid

Code	Colour
196420	White
196471	

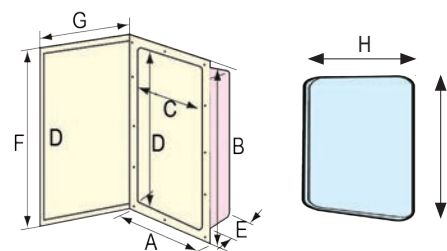
	A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
196420	145	191	110	155	80	114	160	200	165
196471	165	237	110	183	95	114	187	247	186



Case for Toilet Paper with door, White ABS

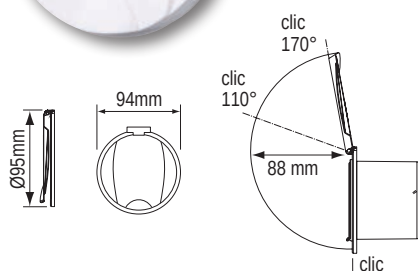
Code.....195263

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
160	160	118	128	118	167	162	125	135



Case for Shower Head, Round, with lid

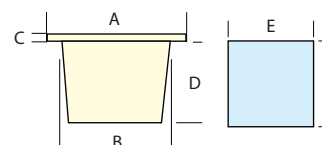
Code	Cover Colour
42575	White
46170	Chrome



Case for Shower Head, Square, with lid

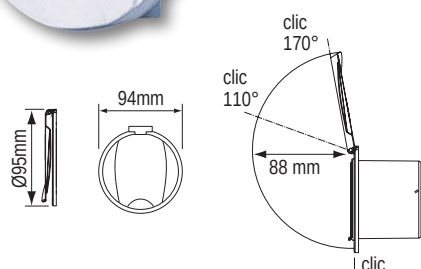
Code	Cover Colour
196399	White
196401	Cream

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
95	75	9	75	95



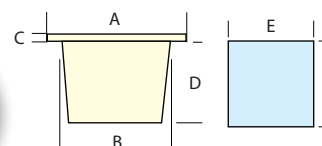
Case for water tap with lid, Round

Code	Cover Colour
42576	White
46171	Chrome



Case for water tap with lid, square, white

Code	Colour Case
196391	White
196395	Cream

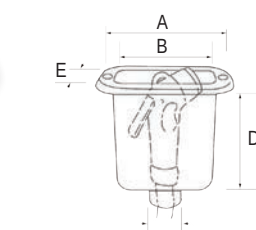


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
95	75	9	55	95



Case for Shower Head, Square, with Lid

Code.....37214

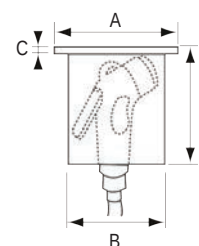


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
125	87	30	97	90



Case for Shower Head, Round, with Lid

Code.....35791



A (mm)	B (mm)	C (mm)	D (mm)
88	66	5	80



Case Twin For Shower & Water Tap, with Lid

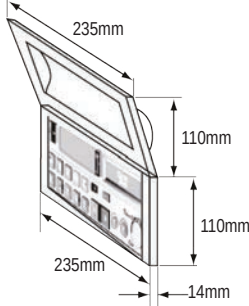


Code	Cover Colour
55800	White
196686	Cream
55801	Chrome



Case Cover for Radio/CD

Code	Colour
50281	White
195265	Smoked, transparent



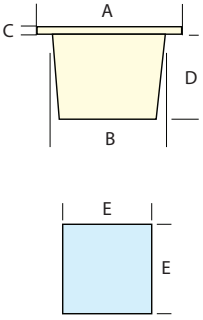
Univ. Case Cover for Radio/CD, Curved, Smoked Transparent
Code.....196069



Case for Battery Switch with Watertight Lid
UV-resistant. Watertight gasket included

Code	Colour
196383	White
196387	Cream

A (mm)	Ø B (mm)	C (mm)	D (mm)	E (mm)
95	68	5	72	95



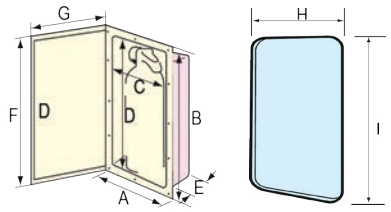
Storage Cases for Fire Extinguisher

Allows safe and protected storage of a fire extinguisher in the cockpit or dashboard.
UV-resistant ASA.



Code	Extinguisher Capacity	Door	Colour
196461	1kg	Yes	White
196666		Transparent	
50006		No	
196465	2kg	Yes	
196675		Transparent	
50010		No	

Extinguisher	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
1 kg	174	424	120	370	105	434	196	124	374
2 kg	204	474	150	415	120	484	226	154	424



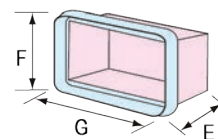
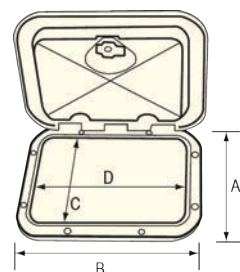


Case for Electrical Control Panel with lid, white
UV-resistant. Water repellent.

Code.....196663

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
275	375	180	280	80	210	310

Special colours and/or dimensions available upon request.



BEST
VALUE

Case with net and plastic frame, 'Store-All', white

This case helps you organise small items with a flexible holding net. It is made of plastic, UV resistant and can be easily installed either with screws or with a sticker (supplied) for inflatable and rigid boats. It is available in 2 sizes: 205x120x20mm and 205x120x10mm

Code	Thickness (mm)	Height (mm)	Width (mm)
11900	20	120	205
11901	10		

Portholes & Accessories

Euro 38 & 57

Ø38mm
Ø57mm



Rina
Approved



EURO Ø38 - Ø57 Escape Hatches

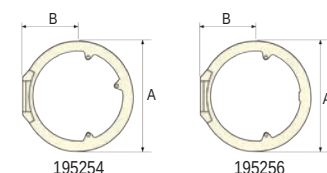
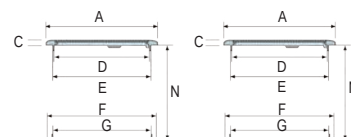
ASA - UV resistant

Code	Model	Colour	Optional Spare Parts			
			Opening Stay	Set of left and right handles	Gasket	Spare Key for Deck Filler
195256	Euro Ø 38	White				
195254	Euro Ø 57		Euro Ø 38: 195541 Euro Ø 57: 195542	195540	44560 (1,6m, Ø9mm)	196053

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	N (mm)
195256	378	189	26	294	316	362	309	22.5-52.5
195254	590	294.5	27	506	518	574	521	22.5-52.5



Plexiglas Thickness: 8mm



Opening stay for Euro Ø 57
hatch
Code..... 195542



Opening stay for Euro Ø 38
hatch
Code..... 195541

Euro 1 & 2

268x448mm

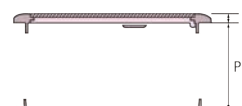
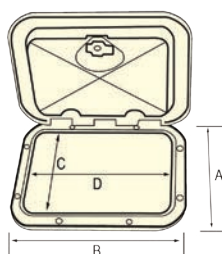


Euro 1 (45x27 cm)
ASA - UV resistant

Code	Colour	Optional Spare Parts			
		Opening Stay	Handle	Gasket	Spare Key
47079	White			 44561 (1,2m, Ø9mm)	 196053
		47089	195425		

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)	P (mm)	Q (mm)
268	448	196	376	209	389	25-55	22

Plexiglas Thickness: 8mm



480x480mm

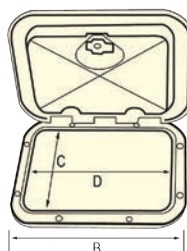


Euro 2 (48x48 cm)
ASA - UV resistant

Code	Colour	Optional Spare Parts			
		Opening Stay	Set of left and right handles	Gasket	Spare Key
44445	White			 44560 (1,6m, Ø9mm)	 196053
		44839	44208		

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)	P (mm)	Q (mm)
480	480	415	415	430	430	25-55	22

Plexiglas Thickness: 8mm



Opening stay for Euro 1
Code..... 47089



Opening stay for Euro 2
Code..... 44839



Gasket
Ø9mm

Code	Length (m)
44561	1,2
44560	1,6



Spare Key for Inspection Hatches
Code.....196053

BEST
VALUE**Hatch Insect Screen**

- It is a protection against all kinds of insects while the hatch is open in order to ventilate the cabin
- The range of hatches available in the market is quite big and that's why the hatch insect screen comes in three different dimensions so as to cover most of the available hatches

Code	Dimensions (mm)			Applicable Hatches With maximum dimensions of
	Length	Width	Height	
70983	540	540	350	540x540mm
70984	650	650	420	650x650mm
70985	750	750	515	750x750mm

BEST
VALUE**Door Insect Screen**

- It is made of NET fabric and is supplied with lead rope
- It is suitable for the door of the boat
- Available in two different dimensions

Code	Dimensions (cm)		Suitable Boats
	Length	Width	
70986	170	120	Suitable for Catalina (except 30.380.400), Caliber and Endeavour sailboats
70987	180	90	Suitable for most sailboats except for Catalina, Caliber & Endeavour

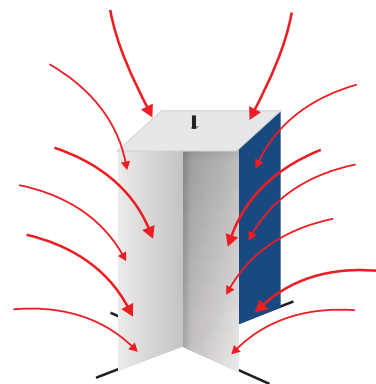
Ventilating Sail

Hatch Ventilating System 4D Windtrap

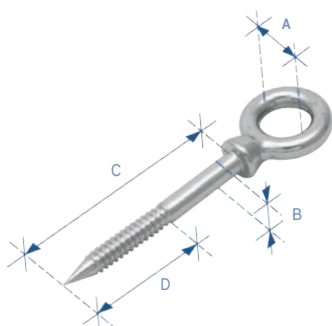
- It provides an easy and efficient way to funnel air into the cabin in order to ventilate it
- It is fastened inside the open hatch and a halyard is used to lift the top.
- The design helps it to collect the outside wind from every direction (4 drive Wind trap) and flow it through the hatch, inside the cabin
- It is made of polyester 420D and the fabric is silver-blue
- Supplied in two different sizes

BEST
VALUE

Code	Dimensions (mm)			Applicable Hatches
	Length	Width	Height	
70982	300	300	800	505x375mm, 555x425mm 330x330mm, 365x365mm 475x475mm, 505x375mm
				<i>Lalizas:</i> 11103 (250x606mm), 10264 (358x606mm), 11101 (460x511mm)
70981	550	550	1260	555x555mm, 525x525mm, 525x425mm, 565x565mm, 675x675mm

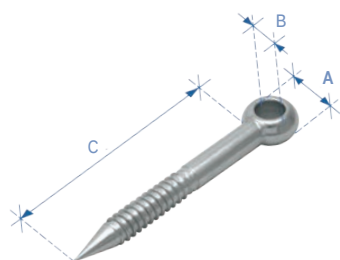
4 Drive Windtrap

Pad Eyes

**Eye woodscrew, Inox 316**

Surface*: E.P. - Body: Casting

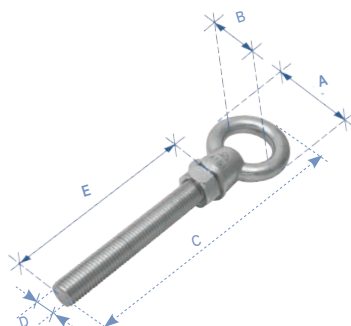
Code	92858	92860	93188	93179	93181	92862	93183	93185	93187
Size (mm)	6x40	6x80	6x100	8x60	8x100	10x80	10x120	12x120	12x160
A (mm)		14		18		16		27	
B (mm)		6		8		10		12	
D (mm)	24	48	60	36	60	60	72	72	96
C (mm)	40	80	100	60	100	80	120	120	160



Eye bolt, (lag screw), Inox 316

Surface*: E.P.

Code	96976	97003	97001	92783
Size (mm)	4x45	6x55	8x80	10x80
A (mm)	7,5	14	18	20
B (mm)	4,2	6,2	8,2	10,3
C (mm)	30	40	55	
Body	Forging		Casting	



Bow eye, Inox 316

Surface*: E.P. - Body: Forging - Screw: Casting

Code	91394	91396	91744	96951	91397	91749	91399	91752	91755	96955
Size (mm)	6x40	6x80	6x100	8x38	8x80	10x80	10x100	10x140	12x140	12x180
A (mm)	20,4	20,5	23,8	23,8	28,3	28,3	32,1	32,1	32,1	32,1
B (mm)	13,2	13,1	17,1	16,5	16,2	16,5	19,3	19,4	19,4	19,4
C (mm)	68,6	109,1	128,7	71,1	113,1	116,2	136,8	179,5	180,1	220,2
D (mm)	5,8	7,8	9,8	11,8	11,7	11,7	11,8	11,7	11,7	11,7
E (mm)	42,2	82,2	101,5	40,6	80	80,3	100,1	141,3	142,3	180,2
T.D.L.*	1000	1100	1300	2600	1700	2600	3400	3400	3400	3400
R.W.L.*	70	275	325	140	650	230	650	850	850	850

*Recommended working load "R.W.L." is 1/4 of "T.D.L." tested deformation load. (Surface E.P.= Electro polished)

U-Bolts & Cleats



Bollard, Inox 316

Code	70640
Length (mm)	120
Height (mm)	95
Width (mm)	120
Diameter (mm)	60



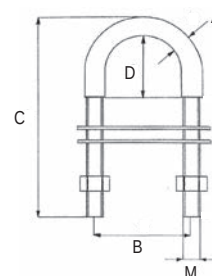
Cleat, Inox 316

Code	93286	93287	70641
M	8	10	12
Length (mm)	150	205	300
Height (mm)	46	60	85



U Bolt, Inox 316, with thread

Code	91364	91365	91366	91367	91368	91369	91370	91371	91372	91373
Thread	M4	M5	M6	M8	M8	M10	M12	M10	M12	M12
A (mm)	6,4	7,5	7,3	8,7	9,5	9	10	12,5	12,5	12,5
C (mm)	60	80	60	80	105	130	90	130	155	155
B (mm)	30	35	35	35	50	65	35	40	50	50
D (mm)	30	40	30	40	35	40	50	50	50	50



Cleat Polyamide

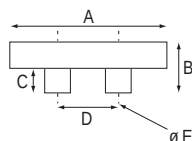
Code	43377	43378	43380	43381	43383	43384	43386	43387	43389	43390	43392	43393
Dimensions (mm)	60x19	80x22	110x28	145x35	180x45	220x52						
Colour	White	Black	White	Black	White	Black	White	Black	White	Black	White	Black



Jib Sheet Cleat, Polyamide

Code...16881

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
150	24	14	35	6



Fairlead Handed Polyamide, Black (pair - left, right)

Code	44417	44420
Dimensions	110 x 20 mm	160 x 25 mm



SAIL DEFENDER clip-on lifeline cover

Unique flexible lifeline cover to fit all pulpit in line with the lifeline. Provides ideal protection for all bow sails. Flexible integral skin foam technology. Easy to fit with 5 nylon clips included.

197759

L (mm)	H (mm)	W (mm)	Weight (kg)
320	70	45	0,21



Provides ideal protection for all bow sails
Easy to fit with 5 nylon clips included



Clip-on STANCHION cover

Unique flexible stanchion cover. Provides ideal protection for all bow sails. Flexible integral skin foam technology. Easy to fit with 2 nylon clip included.

197757

L (mm)	H (mm)	W (mm)	Weight (kg)
100	70	34	0,06



Provides ideal protection for all bow sails
Easy to fit with 2 nylon clip included



43246



43247

Rectangular Socket 90°, Plastic, Black

Code	Base Dimensions	Diameter (mm)	Model
43246	74x39x38 mm	22	90°
43247	89x39x44 mm	22	60°



44051



44052

T-Fitting for Rails, Black

Code	Model	For tube Ø (mm)
44051	T 90°	22
44052	T 60°	22



Inox Tube

Code	10420	10421
Description	Inox 316	Inox 304
Diameter (mm)	25	25
Thickness (mm)	1	1
Length (m)	3	3



Round base, 60°, Inox 316, base diam. 54mm

Code	70607	70608
Diam. (mm)	22	25



Round base, 90°, Inox 316, base diam. 54mm

Code	70616	70615
Diam. (mm)	22	25



Round base 90°, Diam. 25mm

Code...95882



Rectangular base 90°, Diam. 25mm

Code...95881



Rectangular base angledholder 60°, Diam. 25mm

Code...95880



T Connection 90°, Diam. 25mm, Inox 316

Code...70618



T Connection 60°, Diam. 25mm, Inox 316

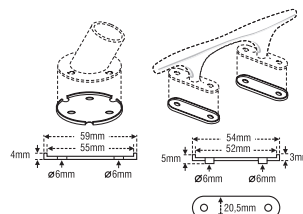
Code...70617



BEST VALUE

Plastic Base for metal Support

Designed to be sandwiched between metal supports, such as rails or canopies etc. and the deck in order to protect it from scratches. It is made of highly resistant plastic and it features three openings that channel the water out of the support, thus preventing rust. The plastic base is available in black or white colours and in two sizes.



Code	11469	11470
Shape	Rectangle	Circle
Colour	White	



11905

11906

Marine Padlocks SeaLock

- Chrome plated brass body
- Stainless steel shackle & springs for maximum resistance to corrosion from sea water & sun
- Automatic return of the key to extraction position
- Key withdrawal with open or closed shackle
- Available in blisters of 1, 3 and 5 padlocks
- In the set of 3 or 5 padlocks, all the padlocks unlock with the same key



11134

11135

11136

11137

11138

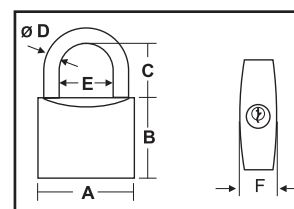
11141

11142

11143



Code	Standard shackle					Long shackle		Set of 3 Padlocks 30mm with joint key	Set of 3 with long shackle, 30mm, with joint key	Set of 5 Padlocks 30mm with joint key
	11134	11135	11136	11137	11138	11141	11142	11143	11906	11905
A(mm)	25	30	40	50	60	40	50	30	30	30
B(mm)	24	27	33	40	45	33	40	27	27	27
C(mm)	14	17	24	28	34	38	80	17	24	17
D(mm)	4	5	6,5	8	9	6,5	8	5	5	5
E(mm)	14	15	20	25	32	20	25	15	15	15
F(mm)	12	13	14,5	16,5	18	14,5	16,5	13	13	13



Utility Hook 'Store-All', (pack of 2)

The 'Store All' hook can be used in almost all places on a boat. All you have to do is attach them on a flat surface and use them for lines, clothing, towels, etc.



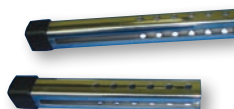
Code	94126	99231
Colour	White	Graphite

Dimensions

Length: 2,5cm

Height: 7,5cm

Width: 3cm



Safety lock for outboard engines, Inox 316

Code	99525	99526
Length (mm)	235	280



Lock for hatches

Ø 12 mm

Code.....10274



Hatch fastener, Inox 316

Code	70611
Dimensions (mm)	26x79



Lock and Keys for Hatches

Code.....44813



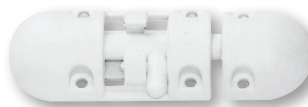
Door Fastener, Plastic

Code	Colour	Material	Dimensions
43791	Black	Nylon	22 x 32 mm
13872	White		



Lock and Keys for Inspection Hatches

Code.....44810



Anti-Rattle Barrel Bolt, White

Code	Material	Dimensions
43851	Plastic	(25+60) x 30 x 13 mm

Hinges

Locking hasp, L 77mm, W 30mm

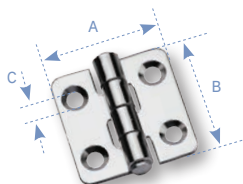
Code.....99592



Safety eye hasp 99x25mm

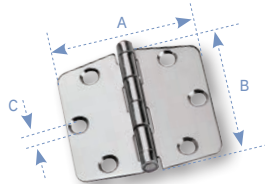
Code.....99591

All Lalizas hinges are pressed and mirror polished



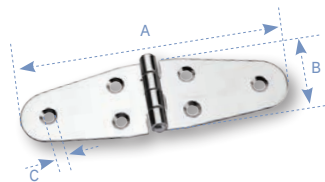
Hinges Inox 316, Right

Code	70652	70654
A (mm)	38	48
B (mm)		39
Thickness (mm)		1,5
C (mm)		5



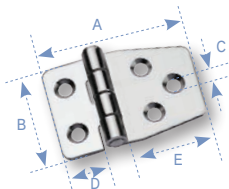
Hinges Inox 316, Right

Code	70655	70656
A (mm)	74	63
B (mm)	75	60
Thickness (mm)		1,5
C (mm)		5



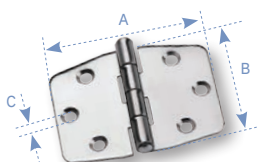
Hinges Inox 316

Code	70659
A (mm)	137
B (mm)	40
Thickness (mm)	2
C (mm)	5



Hinges Inox 316, Right

Code	70662
A (mm)	54
B (mm)	38
Thickness (mm)	2
C (mm)	5
D (mm)	30
E (mm)	14



Hinges Inox 316

Code	70664
A (mm)	76
B (mm)	39
Thickness (mm)	1,5
C (mm)	5



Polyamide Hinges

Code	Colour	Description	Pin	L (mm)	H (mm)	Thickness (mm)	Opens Through
16672	Black	Rectangular	St. teal	30	60	-	255°
16673	Black			60	40		255°
16674	Black			40	75		230°
43679	White	Round	Polyamid Pa6	70	40	4.5 mm	270°
43680	Black						
43682	White	Semi Oval	Polyamid Pa6	90	40	4.5 mm	270°
43683	Black						
43685	White	Semi Oval	Polyamid Pa6	100	40	4.5 mm	270°
43686	Black						
43667	White	Double Oval	Polyamid Pa6	100	40	4.5 mm	270°
43668	Black						
43673	White	Double Oval	Polyamid Pa6	135	40	4.5 mm	270°
43674	Black						
43646	White	Hexagonal	Polyamid Pa6	63	40	4.5 mm	270°
43647	Black						
43652	White	Hexagonal	Polyamid Pa6	95	60	4.5 mm	270°
43653	Black						
43658	White	Offset	Polyamid Pa6	80	60	4.5 mm	270°
43659	Black						
43661	White	Offset	Polyamid Pa6	100	60	4.5 mm	270°
43662	Black						



16672



16673



16674



43680



43683



43686



43668



43674



43647



43653



43659



43662

Handrail

Inox knob for door, L 205mm,
H 55mm, M6



Code...70642

Total Height: 55mm, Base Length: 205mm,
Base Width: 40mm, Thickness: 2,5mm

Inox 316, Hand rail,
Diam. 25mm

Code	97686	97687	97688	97689
Length (mm)	300	500	650	850

Flush lift Ring, stamped
Inox 316

Code	98718
Dimensions (mm)	55,5x65,5

Handrail, Inox 316
Diam. 25mm

Code	93508	93509	93510
Length (mm)	300	400	500

Flush lift Ring, stamped
Inox 316

Code	98719
Dimensions (mm)	75x58

Handle for 90°-180°
Inspection Hatches

Code	Colour
44197	White
44198	Grey
47737	Cream

Handle Hatches for
TOP LINE/MID LINE/CLASSIC

Code	Colour
44206	White
44207	Grey
44738	Cream
196494	Chromed



EURO 2 Set of Left & Right Handles

Code..... 44208



EURO 1 Handle

Code..... 195425

EURO 38 & EURO 57
Set of Handles

Code..... 195540



Finger Flush Pull, Plastic

Code	Colour	Dimensions	Finger hole Ø
44227	White	57 x 57 mm	44 mm
47752	Cream	57 x 57 mm	44 mm



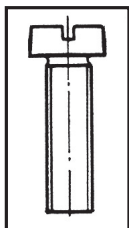
Handrail Ø22mm, Stainless Steel

Code	Length
44209	47.50 cm
44210	62.50 cm

Screws, Nuts & Washers

Screws, nuts, bolts and marine accessories Inox 316, Seaware

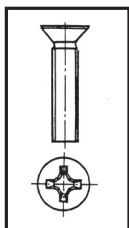
Lalizas presents the Seaware range of screws, nuts, bolts and other accessories, especially designed for the marine industry. Made of stainless steel 316 for great resistance against the marine environment and weather conditions, all products feature top quality, fine surface finishes and high durability for long time use. For your convenience, the Lalizas Seaware screws, nuts and all the marine accessories are available in blister sets for small quantities or in bags for big quantities.



Slotted cheese-head screw Inox 316 DIN 84/ISO 1207

Code	11144	11145	11146	11147	11148	11149	11150	11151	11152	11153	11154	11155	11156	11157
Dimensions(mm)	3x12	3x16	3x20	3x25	3x30	3x40	4x8	4x16	4x20	4x25	4x30	4x40	4x50	5x16
Quantity (pcs)	20	20	20	20	20	10	20	15	15	12	12	8	6	10

Code	11158	11159	11160	11161	11162	11163	11164	11165	11166	11167	11168	11169	11170	11171
Dimensions(mm)	5x20	5x25	5x30	5x40	5x50	5x60	6x20	6x25	6x30	6x35	6x40	6x50	6x60	6x70
Quantity (pcs)	8	8	6	6	5	4	6	5	5	4	3	3	2	2

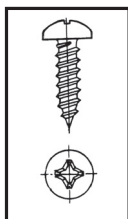


Cross slotted countersunk head screw Inox 316 DIN 965/ISO 7046

Code	11195	11196	11197	11198	11199	11200	11201	11202	11203	11204	11205	11206
Dimensions(mm)	3x12	3x16	3x20	3x25	4x16	4x20	4x25	4x30	4x35	4x40	5x16	5x20
Quantity (pcs)	25	25	20	20	20	16	15	15	10	10	10	12

Code	11207	11208	11209	11210	11211	11212	11213	11214	11215	11216	11217
Dimensions(mm)	5x25	5x30	5x40	5x50	5x60	6x25	6x30	6x40	6x50	6x60	6x70
Quantity (pcs)	10	8	6	4	4	6	6	5	4	3	2

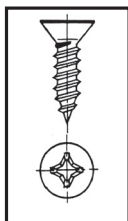
BEST
VALUE



Plain recessed-head self-tapping screw Inox 316 DIN 7981/ISO 7049

Code	11218	11219	11220	11221	11222	11223	11224	11225	11226	11227	11228	11229	11230	11231	11232
Dimensions(mm)	2,9x9,5	2,9x13	2,9x16	2,9x19	2,9x25	3,5x9,5	3,5x13	3,5x16	3,5x19	3,5x25	3,5x32	4,2x9,5	4,2x13	4,2x16	4,2x19
Quantity (pcs)	20	20	20	20	20	20	20	20	20	20	16	20	20	20	15

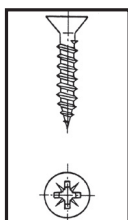
Code	11233	11234	11235	11236	11237	11238	11239	11240	11241	11242	11243	11244	11245	11246	11247	11248
Dimensions(mm)	4,2x25	4,2x32	4,2x38	4,2x50	4,8x16	4,8x19	4,8x25	4,8x32	4,8x38	4,8x50	5,5x19	5,5x25	5,5x32	5,5x38	5,5x50	5,5x60
Quantity (pcs)	15	15	10	8	15	15	12	10	8	7	10	8	7	6	4	4



Slotted head self-tapping countersunk screw Inox 316 DIN 7982/ISO 7050

Code	11249	11250	11251	11252	11253	11254	11255	11256	11257	11258	11259	11260	11261	11262	11263	11264
Dimensions(mm)	2,9x9,5	2,9x13	2,9x16	2,9x19	2,9x25	3,5x9,5	3,5x13	3,5x16	3,5x19	3,5x25	3,5x32	4,2x9,5	4,2x13	4,2x16	4,2x19	4,2x25
Quantity (pcs)	20	20	20	20	20	20	20	20	20	20	16	20	20	20	20	20

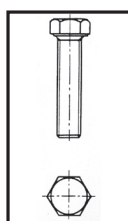
Code	11265	11266	11267	11268	11269	11270	11271	11272	11273	11274	11275	11276	11277	11278
Dimensions(mm)	4,2x32	4,2x38	4,8x16	4,8x19	4,8x25	4,8x32	4,8x38	4,8x50	5,5x19	5,5x25	5,5x32	5,5x38	5,5x50	5,5x60
Quantity (pcs)	15	10	15	15	15	12	10	8	10	8	8	6	4	4



Countersunk recessed-head chipboard screw Inox 316

Code	11308	11309	11310	11311	11312	11313	11314	11315	11316	11317	11318	11319	11320	11321	11322	11323	11324
Dimensions(mm)	3x16	3x20	3x25	3x30	3,5x16	3,5x20	3,5x25	3,5x30	4x20	4x25	4x30	4x35	4x40	4x50	4x60	4,5x30	4,5x35
Quantity (pcs)	30	25	25	20	20	25	20	20	20	16	15	15	15	12	8	12	10

Code	11325	11326	11327	11328	11329	11330	11331	11332
Dimensions(mm)	4,5x40	4,5x50	5x30	5x40	5x50	5x60	5x70	5x80
Quantity (pcs)	10	10	12	8	7	6	6	5

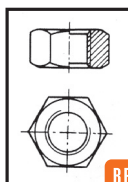


Fully-threaded hexagon head bolt Inox 316 DIN 933/ISO 4017

Code	11333	11334	11335	11336	11337	11338	11339	11340	11341	11342	11343	11344	11345	11346	11347
Dimensions (mm)	4x10	4x20	4x30	5x16	5x20	5x25	5x30	5x40	5x50	6x16	6x20	6x25	6x30	6x35	6x38
Quantity (pcs)	20	15	10	8	8	7	6	5	4	7	5	4	4	4	4

Code	11348	11349	11350	11351	11352	11353	11354	11355	11356	11357	11358	11359
Dimensions (mm)	6x40	6x45	6x50	6x60	8x20	8x30	8x40	8x50	10x30	10x40	10x50	10x60
Quantity (pcs)	4	3	3	2	2	2	2	1	1	1	1	1

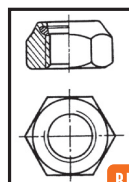
**BEST
VALUE**



Hexagon nut Inox 316 DIN 934/ISO 4032

Code	70170	70171	11362	11363	11364	11365
Dimensions(mm)	M3	M4	M5	M6	M8	M10
Quantity (pcs)	20	20	20	15	8	3

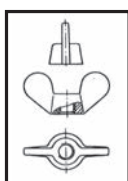
**BEST
VALUE**



Self-locking nut Inox 316 DIN 985/ISO 10511

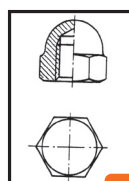
Code	11366	11367	11368	11369	11370	11371
Dimensions(mm)	M3	M4	M5	M6	M8	M10
Quantity (pcs)	10	10	10	10	6	3

**BEST
VALUE**



Wing nut Inox 316 DIN 315

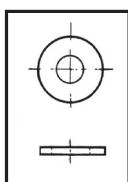
Code	11372	11373	11374	11375	11376	11377
Dimensions(mm)	M3	M4	M5	M6	M8	M10
Quantity (pcs)	7	6	5	5	3	2



Grommet Nut Inox 316 DIN 1587

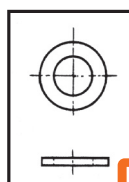
Code	11378	11379	11380	11381	11382	11383
Dimensions(mm)	M3	M4	M5	M6	M8	M10
Quantity (pcs)	8	8	6	5	3	2

**BEST
VALUE**



Wide flat washer Inox 316 DIN 9021/ISO 7093

Code	11384	11385	11386	11387	11388	11389
Dimensions(mm)	3x9	4x12	5x12	6x19	8x24	10x30
Quantity (pcs)	35	30	25	15	6	4



Flat washer Inox 316 DIN 125/ISO 7089

Code	11390	11391	11392	11393	11394	11395
Dimensions(mm)	3,2x7	4,3x9	5,3x10	6,4x12	8,4x16	10,5x20
Quantity (pcs)	50	30	30	20	20	15

**BEST
VALUE**

Nuova Rade

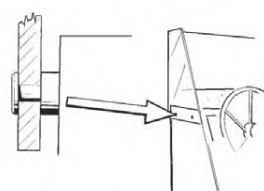
Washer for Screw, Plastic Grommet only

Code	Colour	Diameter Ø (mm)
44977	White	3.5
44983		4.5
44989		5.5
44978	Black	3.5
44984		4.5
44990		5.5



Windshield Spacer & Screw Caps

Code	Colours	Description
43835	White	spacer. Ø overall 20 - overall height 10
43836	Black	- Ø hole 7 mm



SELECTION ITEMS


Belgian Flag

Code	10902	10903	10905	10908
Dimensions(cm)	20x30	30x45	50x75	100x150


Dutch Flag

Code	10965	10966	10968	10971
Dimensions(cm)	20x30	30x45	50x75	100x150


**BEST
VALUE**
Greek Flag

Code	10951	10952	10954	10957
Dimensions(cm)	20x30	30x45	50x75	100x150


Croatian Flag

Code	10909	10910	10912	10915
Dimensions(cm)	20x30	30x45	50x75	100x150


Norwegian Flag

Code	10972	10973	10975	10978
Dimensions(cm)	20x30	30x45	50x75	100x150


**BEST
VALUE**
German Flag

Code	10944	10945	10947	10950
Dimensions(cm)	20x30	30x45	50x75	100x150


Danish Flag

Code	10916	10917	10919	10922
Dimensions(cm)	20x30	30x45	50x75	100x150


Portuguese Flag

Code	10979	10980	10982	10985
Dimensions(cm)	20x30	30x45	50x75	100x150


N. Z. Flag

Code	11028	11029	11031	11034
Dimensions(cm)	20x30	30x45	50x75	100x150


**BEST
VALUE**
European Flag

Code	10923	10924	10926	10929
Dimensions(cm)	20x30	30x45	50x75	100x150


Slovenian Flag

Code	10986	10987	10989	10992
Dimensions(cm)	20x30	30x45	50x75	100x150


Turkish Flag

Code	11007	11008	11010	11013
Dimensions(cm)	20x30	30x45	50x75	100x150


Finnish Flag

Code	10930	10931	10933	10936
Dimensions(cm)	20x30	30x45	50x75	100x150


Spanish Flag

Code	10993	10994	10996	10999
Dimensions(cm)	20x30	30x45	50x75	100x150


South African Flag

Code	11035	11036	11038	11041
Dimensions(cm)	20x30	30x45	50x75	100x150


**BEST
VALUE**
French Flag

Code	10937	10938	10940	10943
Dimensions(cm)	20x30	30x45	50x75	100x150


Swedish Flag

Code	11000	11001	11003	11006
Dimensions(cm)	20x30	30x45	50x75	100x150


Italian Flag

Code	10958	10959	10961	10964
Dimensions(cm)	20x30	30x45	50x75	100x150


Austrian Flag

Code	11054	11055
Dimensions(cm)	20x30	30x45


Maltese Flag

Code	11058	11059
Dimensions(cm)	20x30	30x45


U.S.A. Flag

Code	11062	11063
Dimensions(cm)	20x30	30x45


Swiss Flag

Code	11066	11067
Dimensions(cm)	20x30	30x45


Gibraltar Flag

Code	11070	11071
Dimensions(cm)	23x45	45x90


Isle of Man Flag

Code	11074	11075
Dimensions(cm)	23x45	45x90


Scotland St. Andrew Flag

Code	11078
Dimensions(cm)	23x45


Scottish Lion Flag

Code	11080	11081
Dimensions(cm)	23x45	45x90


Polish Flag

Code	11056	11057
Dimensions(cm)	20x30	30x45


Russian Flag

Code	11060	11061
Dimensions(cm)	20x30	30x45


Irish Flag

Code	11064	11065
Dimensions(cm)	20x30	30x45


Blue Ensign Flag

Code	11068
Dimensions(cm)	23x45

**Guernsey Flag**

Code	11072	11073
Dimensions(cm)	23x45	45x90

**Jersey Flag**

Code	11076
Dimensions(cm)	23x45

**English 'Union Jack' Flag**

Code	11048
Dimensions(cm)	23x45

**Australian Flag**

Code	11021	11022	11024	11027
Dimensions(cm)	20x30	30x45	50x75	100x150

**Red Ensign Flag**

Code	11042	11043
Dimensions(cm)	23x45	35x75

**St. George Cross Flag**

Code	11082	11083
Dimensions(cm)	23x45	45x90

**Welsh Flag**

Code	11084	11085
Dimensions(cm)	23x45	45x90

**Pirate's Flag**

Code	11520
Dimensions(cm)	30x45

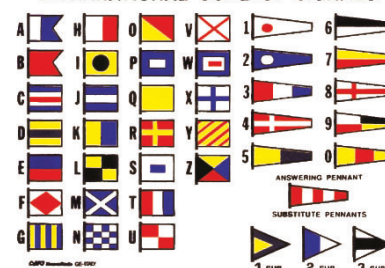


Code	Description	Dimensions
11517	Obligatory Flags for Cat. 3, 4, 5 (France)	30x40cm
11518	Obligatory Flags for Cat. 1, 2 (France)	50x60cm

**International Marine Code (40* pcs)**

Code.....11086

***INCLUDES:**
 26 Letter Flags 20x30cm
 11 Pennants 43x15cm
 3 Substitutes 30x15cm

**INTERNATIONAL CODE OF SIGNALS****International Code Of Signal**

Code.....45256

Adhesive
 Dimensions: 16 x 12 cm

**Flag Staff**

Code	Description	Length (mm)	Colour
43226	with 2 bases: 1 vertical & 1 horizontal	290	Black
43230	with 2 bases: 1 vertical & 1 horizontal	390	Black
43232	with rubber base	395	Black
43225	tilted, screw-type	300	Black
43224			Grey
43237	rubber base Ø 92 mm. Suction cup fastening device. Compatible with models 43225, 43226, 43230.	-	Black

**Mast for flag, Inox 316**

Code	Diameter (mm)	Length (mm)
70637	25	800
70638		900
70639		1250

**Pole light storing bases**

Single and twin clip brackets designed to store pole lights and/or pole for flag.



Code	30380	30381	30390	30391
Bases	2		1	
Colour	Black	White	Black	White

**Plug in Pole for Flags**

Using the same proven symmetrical locking tube design as our pole lights, the flag base is made of ABS plastic with a 50-100cm pole. The base is reinforced and very durable. Easily removed for rapid storage.

Code	30360	30370	30700	30710
Length (cm)	50	100	50	100
Base colour	Black		White	

Electrical

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AquaLED Courtesy light, Round

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AquaLED Flood light

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EXIDE MARINE STARTER BATTERIES



Battery Exide, Marine Type,
12V, 74 Ah, 278x175x190mm
Code.....72071



Battery Exide, Marine Type,
12V, 90 Ah, 353x175x190mm
Code.....72072



Battery Exide, Marine Type,
12V, 110 Ah, 349x175x235mm
Code.....72073

Battery Terminals



Protection covers
for battery terminals
Code..... 43760

Battery Boxes & Trays



Battery Box Up To 100Ah
Acid resistant polypropylene. Comes with strap.
External dimensions (L x W x H) : 431 x 257 x 256 mm
Internal dimensions (L x W x H) : 339 x 199 x 224 mm
Code.....195539



Battery Box Up To 120Ah
Acid resistant polypropylene. Comes with strap and
inside partition.
External dimensions (L x W x H) : 470 x 225 x 255 mm
Internal dimensions (L x W x H) : 385 x 175 x 225 mm
Code.....17518



Battery Box Up To 80Ah
Designed for small batteries. Complete with fastening
strap and hasp.
External dimensions (L x W x H) : 340 x 230 x 250 mm
Internal dimensions (L x W x H) : 280 x 195 x 230 mm
Code.....196508



**Strap For Fuel Tank/Battery
Box Fixing, Length 1,30m**
Code...43895



**Bracket for Battery Box/Fuel Tank,
with Strap 1,50m**
Code.....197487



**Universal Base with
Strap, 280mmx178mm**
Code...43901

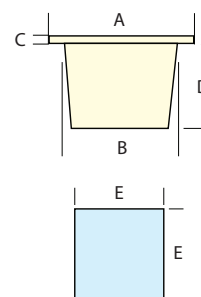
**Case with Battery Switch, with Watertight Lid**

Casing with integrated battery switch.

Watertight gasket included.

Code	Colour	Capacity
196384	White	100 A (500 A for 10 sec. max)
196385		250 A (1000 A for 10 sec. max)
196388	Cream	100 A (500 A for 10 sec. max)
196389		250 A (1000 A for 10 sec. max)

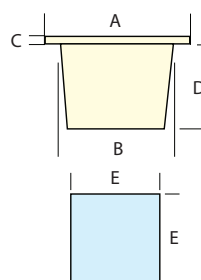
A (mm)	Ø B (mm)	C (mm)	D (mm)	E (mm)
95	68	5	72	95

**Case for Battery Switch with Watertight Lid**

UV-resistant. Watertight gasket included

Code	Colour
196383	White
196387	Cream

A (mm)	Ø B (mm)	C (mm)	D (mm)	E (mm)
95	68	5	72	95



**Battery switch w/cap
for cases 196384 & 196388**
Code.....99558



**Battery switch
for cases 196385 & 196389**
Code.....195051



**Heavy Duty Battery
Switch, 180Amps
Continuous 12V, w/
zinc alloy body**

Code	90166
Continuous	180Amps
Momentary	2000Amps for 5sec



**Heavy Duty Battery
Switch, 180Amps Con-
tinuous 12V**

Code	99971
Continuous	180Amps
Momentary	1000Amps for 5sec



**Heavy Duty Battery
Switch, 300Amps Con-
tinuous, 12V**

Code	99970
Continuous	300Amps
Momentary	1000Amps for 10sec



**Battery Switch,
250Amps Continuous,
w/ removable key**
Code.....90165



Solar Panels, Monocrystalline

- State of the art technology in cell manufacturing and encapsulation results in maximum reliability coupled with minimum maintenance
- High resistance to water, abrasion, hail impact and other environmental factors
- Anodized aluminum alloy frame
- Low iron high transparency temper glass cover
- Designed and manufactured to comply with European and International standards

WARRANTIES & CERTIFICATIONS

Limited warranty on power output
Warranty: 10 years 90% - 20 years 80%

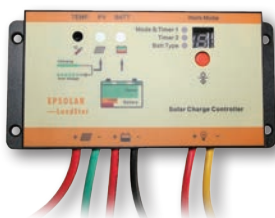
Code	70904	70905	99210	70906	99211	99212	99213	99214
DIMENSIONS & SPECIFICATIONS								
Cell Type	Monocrystalline							
Cell Dimensions (mm)	125x125mm							
Length (mm)	280	320	454	485	554	636	770	1195
Width (mm)	195	294	294	360	449	554	668	545
Thickness (mm)	18	18	18	20	25	30	30	35
Weight (Kg)	0,7	1,2	1,9	2,3	2,9	4,3	6,1	8,5
ELECTRICAL SPECIFICATIONS								
Maximum Power Rating (W)	5	10	15	20	30	50	75	100
Tolerance of the rated output power	0% - 3%							
Short circuit current (A)	0,29	0,58	0,89	1,19	1,73	2,88	4,32	5,85
Open circuit current (V)	22,64	22,64	22,13	22,58	22,64	22,64	22,64	22,54
Rated Voltage (V)	18,57	18,57	18,44	18,82	18,57	18,57	18,57	18,78
Rated Current (A)	0,27	0,54	0,82	1,08	1,62	2,70	4,04	5,34
Maximum permitted system voltage (V)	12							

Solar Panels Use

Code	Watt	Use
70904	5	Ideal for the maintenance and / or charge of small batteries (mobile, laptop e.t.c.). It can also be used for trickle charge (maintenance) of the batteries so as to be ready for use at all times.
70905	10	
70905	10	Ideal for the maintenance of one or two batteries on the boat. Suitable for charging portable electronic devices & for the maintenance of small or medium size batteries, so as to keep them charged during the boat's winterizing.
99210	15	
70906	20	Ideal solution for the maintenance and charge of one or two medium capacity batteries on the boat, used for all the applications. Batteries' protection during the boat's winterizing.
99211	30	
99212	50	
99212	50	Suitable for charging big capacity batteries used for all the applications on the boat. Ideal for charging the batteries used for a small cabin's electricity, the boat's fishing tools, e.t.c.
99213	75	
99213	75	Suitable for charging big capacity batteries used for all the applications on the boat. Ideal for charging the batteries used for the cabin's electricity, the continuous function of the refrigerator, the heating, e.t.c.
99214	100	

Note: The solar panels mentioned in this table can either be installed separately or as an array (in a row) of two or more panels, according to the boat's electricity needs and batteries' capacity.

Solar Charge Controller, 12/24V



Code.....90287

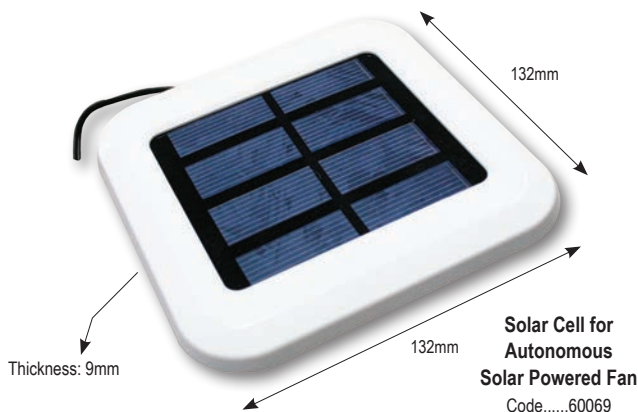
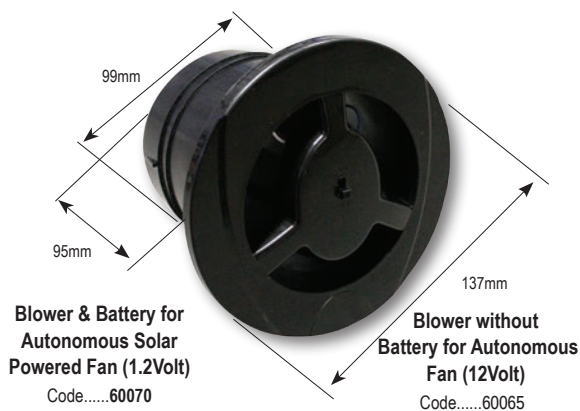
Technical Specifications

- Type of Charging: 4 stages PWM charging (Bulk – PWM – Boost – Float)
- Rated Solar Input: 10A
- Rated Load: 10A
- Regulation Voltage: 14.4V
- Load Disconnect: 11.08V
- Load Reconnect: 12.58V
- Self-Consumption: Max. 6mA
- Temperature: -35 to +55
- Terminals: For 2.5mm² cables
- Protection against short circuit, over current, overload, reverse polarity, battery reverse current at night, high load voltage
- LED indications for charging, battery levels, low voltage, disconnect, e.t.c
- Weight: 250gr
- Dimensions: 140x70mm

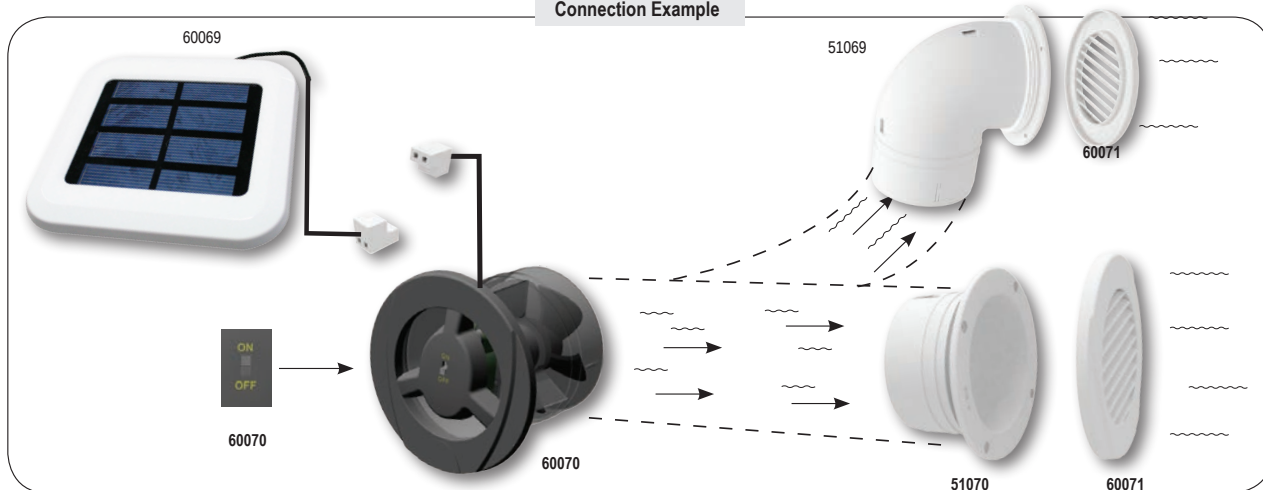
General Characteristics

- Automatic Lighting control function
- Ideal for areas with increased humidity, such as boats, outdoor pathway lighting, parking areas e.t.c
- Suitable for 12/24V lamps
- Selection of the battery type (Sealed & Gel)
- Waterproof (IP67)
- 100% Protection against humidity

Solar Panels



Connection Example



Power Inverters



31373



31375



31374



31376

Modified Sine Wave Inverter "Plus" Sea Power

A power inverter is an electronic device that converts low voltage 10-15V DC (direct current) battery power to 220 - 230V AC (alternating current) household power, especially useful, when shore power is not available. Power Inverters are invaluable for powering for laptops, cell phones and many other appliances. Automatic shutdown provides protection against overload, over temperature and low battery conditions. Includes a cigarette lighter plug. Available in 150W, 300W, 500W, 1000W.

Code	31373	31374	31375	31376
Max. Continuous Power (W)	150	300	500	1000
Peak Power (W)	300	600	1000	2000
Input Voltage Range (V)	10 - 15V			
Output Voltage (V)	220 - 230V			
Dimensions (L x B x H cm)	150x105x55	150x105x55	180x105x55	240x150x70
Weigth (Kg)	0,5	0,6	0,74	2,3



Switch Panel Base, with switch & fuse

The Switch Panel Base is made of hard plastic and is designed to fit in small and medium size boats. Switches on the panel include LED lights to indicate that the electrical devices on your boat receive electricity. The switches are covered with a plastic, waterproof cover to protect them from UV radiation, water and salt. Fuse holders (31392) on the panel hold 6,3A fuses and have a maximum load of 10A. The fuses are made of polymer PTC, which stops electricity-flows in case of a short circuit. The switch panel base is combined with the frames 70581, 70584 & 70587 to meet your needs for 3, 6 or 9 switches on the central panel of your boat. It is supplied with functional labels, which indicate the type of device that each switch controls and in black colour.

Additional features:

- ON-OFF switches

- For use only in 12/24V DC
- Maximum load 10A
- Completely wired and ready to install

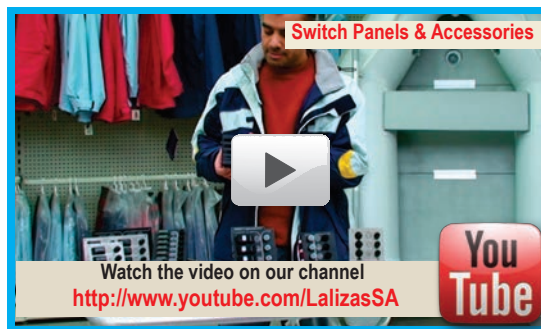
**BEST VALUE**

Code	Colour	Switches	Voltage (V)
70578	Black	3 ON-OFF	12/24

**Switch Panel Frame**

Switch panel frames are made of hard plastic and are combined with the 70578 base. These frames hold one (70581), two (70584) or three (70587) switch panels which gives you the option to have three six or nine switches in line. They are available in black colour.

Code	70581	70584	70587
Description	Single	Double	Triple
Colour	Black		
Length	9,5cm	18,5cm	27cm
Width	10cm		



Switch Panels & Accessories

Watch the video on our channel

<http://www.youtube.com/LalizasSA>

You Tube

**BEST VALUE**

Switch key for switch panels ON-OFF

Code... 31391

BEST VALUE

Switch panel key w/ manual on & auto off MON-OFF

Code... 70588

BEST VALUE

Function labels for switch panels (24pcs)

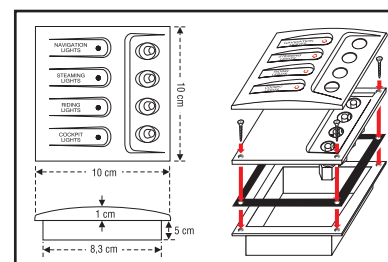
code... 70589

Switch Panel with Conventional switches

"LPS 4" has been designed for the control of various electrical items on a boat from one position. It is a four-switch panel, available in four combinations of switches (ON-OFF, ON-OFF-ON, MON-OFF-MON) and can be combined with more panels of the same kind to cover many applications. LED lights, resettable PTC fuses are important features.

Additional features

- Durable UV - water and salt resistant switches - protected by high-quality neoprene rubber boots
- Solid state re-settable PTC fuses - LED lights
- Covered bolts and screws - available in black colour

**BEST VALUE****1 YEAR GUARANTEE**

Code	Description	Colour	Switches	Fuses	Size in cm			Voltage (V)					
					Height	Width	Thickness						
31180	"LPS-401"	Black	ON-OFF	Polyfuse	10	10	1	12					
			ON-OFF										
			ON-OFF										
31182	"LPS-402"		MON-OFF-MON										
			ON-OFF-ON										
			ON-OFF-ON										
31184	"LPS-403"		MON-OFF-MON										
			ON-OFF-ON										
			ON-OFF-ON										
31186	"LPS-404"		MON-OFF-MON										
			ON-OFF-ON										
			ON-OFF-ON										
			ON-OFF										
			ON-OFF										



Toggle Switch
ON-OFF
2 Position
Code.... 01888



Toggle Switch
ON-OFF-ON
3 Position
Code.... 01889



Toggle Switch
MON-OFF-MON
3 Position
Code.... 01890

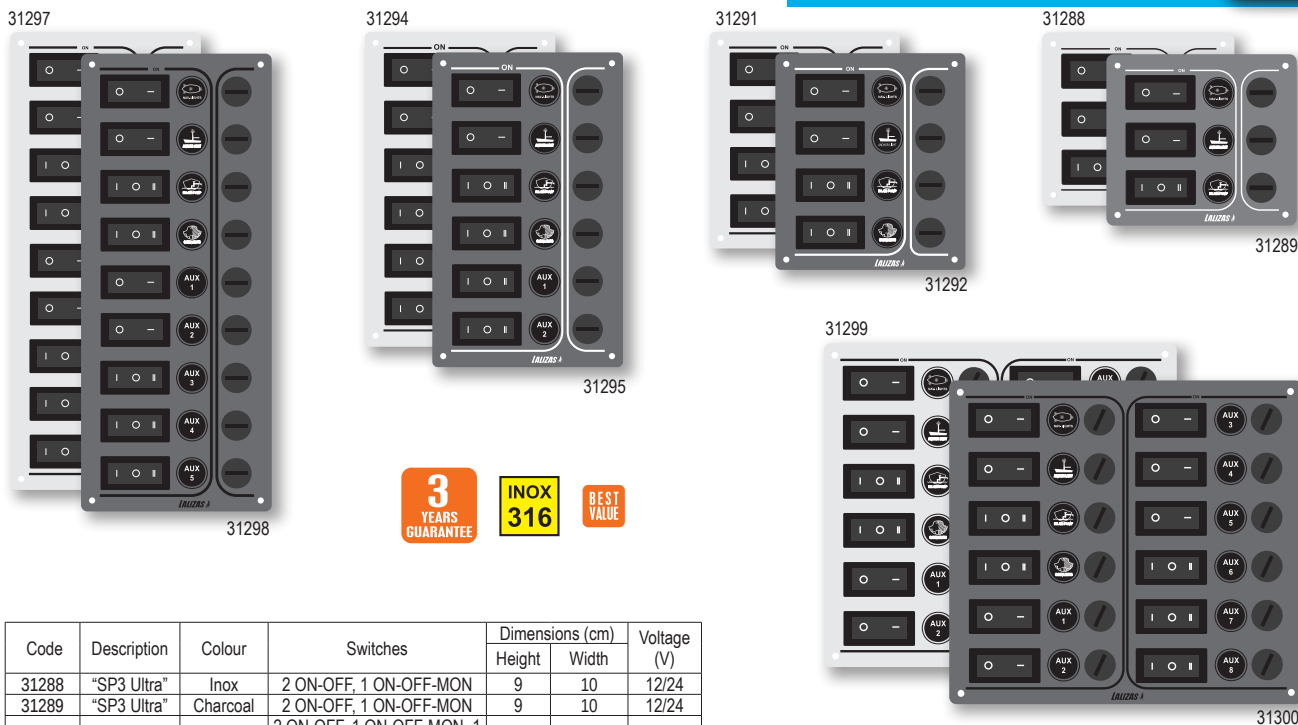
Switch Panels & Accessories

"SP Ultra" Switch Panels

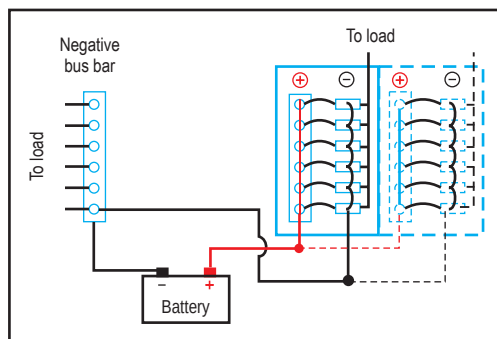
Lalizas Switch Panels "SP Ultra" have been especially designed for use on small and medium sized boats. They allow you to control any desired device, such as bilge pumps, navigation or cabin lights etc, at the touch of a button. They feature waterproof switches, for the protection against water and indication light for ease of use. Switch Panels "SP Ultra" are made of brushed Inox 316 for durability and resistance to corrosion and harsh conditions. They are available in five models with 3, 4, 6, 9 and 12 switches and in two colours, natural & charcoal.

Additional features:

- ON-OFF switches
- For use only in 12/24V DC. Max load per switch 10A
- Panels in charcoal colour are coated with electrostatic paint
- Completely wired and ready to install
- All Lalizas "SP Ultra" Switch Panels have three years guarantee



Code	Description	Colour	Switches	Dimensions (cm)		Voltage (V)
				Height	Width	
31288	"SP3 Ultra"	Inox	2 ON-OFF, 1 ON-OFF-MON	9	10	12/24
31289	"SP3 Ultra"	Charcoal	2 ON-OFF, 1 ON-OFF-MON	9	10	12/24
31291	"SP4 Ultra"	Inox	2 ON-OFF, 1 ON-OFF-MON, 1 ON-OFF-ON	11,5	10	12/24
31292	"SP4 Ultra"	Charcoal	2 ON-OFF, 1 ON-OFF-MON, 1 ON-OFF-ON	11,5	10	12/24
31294	"SP6 Ultra"	Inox	2 ON-OFF, 1 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	16,5	10	12/24
31295	"SP6 Ultra"	Charcoal	2 ON-OFF, 1 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	16,5	10	12/24
31297	"SP9 Ultra"	Inox	4 ON-OFF, 2 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	24	10	12/24
31298	"SP9 Ultra"	Charcoal	4 ON-OFF, 2 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	24	10	12/24
31299	"SP12 Ultra"	Inox	7 ON-OFF, 2 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	18	16,5	12/24
31300	"SP12 Ultra"	Charcoal	7 ON-OFF, 2 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	18	16,5	12/24



BEST VALUE



Fuse holder, w/ fuse,
10A, 250V
Code.... 70959

BEST VALUE



Toggle Switch ON-OFF
2 Position
Code... 01888

BEST VALUE



Toggle Switch ON-OFF-ON
3 Position
Code... 01889

BEST VALUE



Toggle Switch MON-OFF-MON
3 Position
Code... 01890

BEST VALUE



Automatic thermal
fuse, 10A
code... 31395

BEST VALUE



Switch key for switch
panels ON-OFF
Code... 31391

BEST VALUE



Switch panel key w/
manual on & auto off
MON-OFF
Code... 70588

BEST VALUE

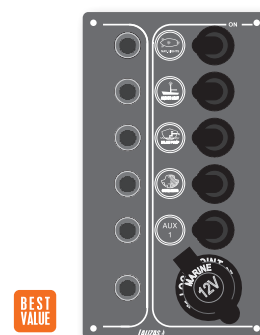


Switch Key, ON-OFF-ON,
12V/24V
Code.... 70956

BEST VALUE



Switch Key, ON-OFF-MON,
12V/24V
Code.... 70957



Switch Panels "SP Economy"

Lalizas Switch Panels "SP Economy" have been especially designed for use on small and medium sized boats. They allow you to control any desired device, such as bilge pumps, navigation or cabin lights etc. Both switches and fuse holders are waterproof for protection against water. Switch Panels "SP Economy" are made of Inox 316 for durability and resistance to corrosion. They are available with 3 and 6 Toggle switches.

Code	Description	Colour	Switches	Dimensions (cm)		Voltage (V)
				Height	Width	
31380	"SP3 Economy"	Inox	2 ON-OFF, 1 ON-OFF-MON	9	10	12/24
31381	"SP6 Economy"	Inox	2 ON-OFF, 1 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF-MON	9	10	12/24

Switch Panel, 5 waterproof switches & autom. fuses, 12V

- With charging socket
- Inox 316

Code	Switches	Dimensions (cm)		Voltage (V)
		Height	Width	
70990	2 ON-OFF, 1 ON-OFF-MON, 1 ON-OFF-ON, 1 MON-OFF-MON	17	10	12/24

Pump Switch

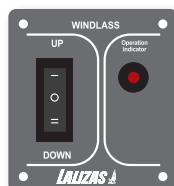
Lalizas Pump Switch allows you to operate your boat's bilge pump automatically, manually or even switch it off. It is water resistant, with indication light so that you know when the device is operating. The Lalizas Pump switch is made of Inox 316 for durability and lifetime protection against corrosion. It is available in charcoal colour.



Features

- Auto-Off-Manual switch
- For use only in 12/24V. Maximum load per switch 15A
- Coated with electrostatic paint
- Completely wired and ready to install
- Two years Warranty

Code	Function	Dimensions (cm)		Colour	Voltage (V)
		Height	Width		
31301	Auto-Off-Manual	7	6,5	Charcoal	12-24



Panel mount windlass switch 2"x3", 15A

Features

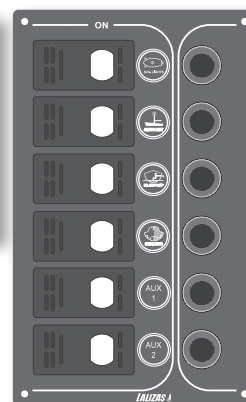
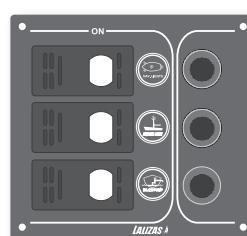
- MON-OFF-MON switch
- For use only in 12/24V. Maximum load per switch 15A
- Coated with electrostatic paint
- Completely wired and ready to install

Code	Function	Dimensions (cm)		Colour	Voltage (V)
		Height	Width		
99693	MON-OFF-MON	7	6,5	Black	12-24

Switch Panels "SP Offshore"

Lalizas Switch Panels "SP Offshore" are mainly designed for exterior use on small and medium sized boats. They have waterproof switches with a LED bulb, indicating when switch is ON / OFF and automatic thermal switches, which Reset for protection against any reverse current. Switch Panels "SP Offshore" are made of Inox 316 for durability and resistance to corrosion and they are electrostatic painted in charcoal colour. They are available with 3 and 6 waterproof switches.

Code	Description	Colour	Switches	Automatic fuses	Dimensions (cm)		Voltage (V)
					Height	Width	
31384	"SP3 Offshore"	Charcoal	2 ON-OFF, 1 ON-OFF-MON	3	11	12	12
31385	"SP6 Offshore"	Charcoal	2 ON-OFF, 1 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF-MON	6	19,5	12	12



Switch 15A waterproof, with LED light

Code	Positions	Switch
99726	4	ON-OFF
99728	6	ON-OFF-MON
99729	6	MON-OFF-MON
99730	6	ON-OFF-ON



Automatic thermal fuse, 10A

Code... 31395



Self-adhesive transparent function labels for 99726, 99728-30 - 25pcs Set

Code... 71208



Switch Panels & Accessories

**Self-adhesive function labels for switch panels - set of 24pcs**

These labels are ideal for use with the Lalizas Switch panels. They are very simple to mount, easy to read and they are made to withstand long-term use. Each set includes 24 labels.

Instructions of use

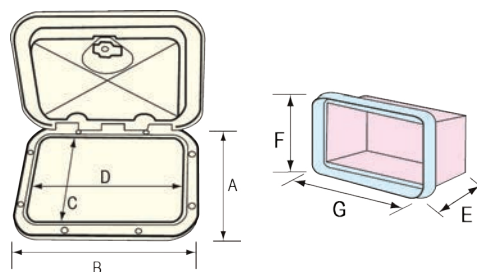
First clean the surface with pure alcohol. Remove the back paper of the label. Attach the latter to the cleaned surface by slightly pressing it. During wintertime, first warm up the top of the labels, using a hairdryer, before applying.

Code.....11497

**Case for Electrical Control Panel with lid, white**
UV-resistant. Water repellent.

Code.....196663

A	B	C	D	E	F	G
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
275	375	180	280	80	210	310



Special colours and/or dimensions available upon request.

Fuses Blocks & Fuses

BEST VALUE

**Automatic thermal switch, 10A**

Code... 31395

BEST VALUE

**Fuse holder, w/ fuse, 10A, 250V**

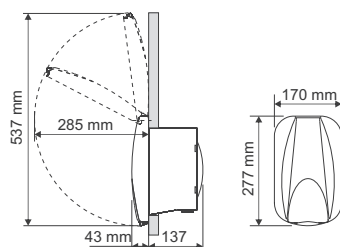
Code.... 70959

BEST VALUE

**Fuse for switches**

Code	71005	71006
Amps	10	15

Plugs & Sockets

**Case for Electric Power Shore Center, white**

Polypropylene outer case, impervious to hydrocarbons and temperature fluctuations. ABS hinged cover, resistant to shocks and UV-rays.

Pre-wired for easy installation to the boat's network.

Code	Voltage	Current
53249	220 V	16 A
53250	220 V	32 A

European plus, comes with a bi-polar residual circuit breaker and LED indicator when switched on.



53250



CE

53249



Plug, male, 16A,
220-240V, blue
Code... 90394



Plug, female, w/ cover,
16A, 220-240V, blue
Code... 90395



Plug, female, w/
safety cover, 16A,
220-240V, blue
Code... 90396



Plug, male, w/ safety ring
16A, 220-240V, blue
Code... 90397



Cord Set w/ female plug 16A &
Schuko Connector 16A, 220-240V,
4,5m cable, blue
Code... 90398

Marine Plug and Socket Set 12V

The Marine Plug and Socket Set is ideal for all devices that require electrical power to operate, such as mobile phones, flashlights etc. Made of a corrosion proof Nylon material, it is equipped with a built-in 10A fuse and a luminous LED power indicator light. The Lalizas Plug and Socket set features a watertight cap to prevent water intrusion and an interconnecting system that securely locks the plug into the socket. It is suitable for use only in 12V DC and is available in black.

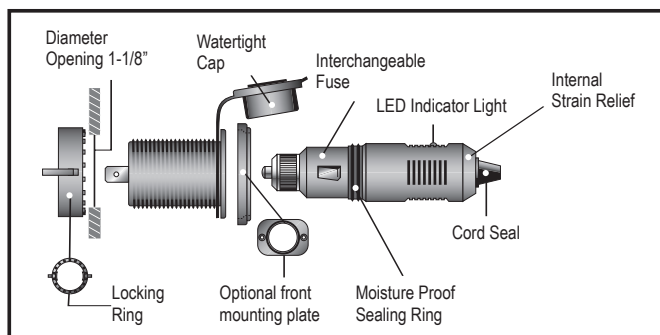
Code..... 31306



Marine Plug,
12V / 10A
Code..... 31350



Marine Terminal
Socket, 12V / 10A
Code..... 31307



Triple 12V/24V Outlet Supply, Sea Power

The SeaPower Triple Deck Cable Connector will operate in both 12V and 24V voltages. It is ideal when 3 electrical devices need to be used simultaneously. All the metal parts, including the screws, are made of stainless steel, which makes the connector ideal for the marine environment.



Code.....31353



Switches



Switch key for switch
panels ON-OFF
Code... 31391



Switch panel key w/
manual on & auto off
MON-OFF
Code... 70588



Switch Key, ON-OFF-ON,
12V/24V
Code.... 70956



Switch Key, ON-OFF-MON,
12V/24V
Code.... 70957



Switch 15A waterproof,
with Led light



Toggle Switch ON-OFF
2 Position
Code... 01888



Toggle Switch ON-OFF-ON
3 Position
Code... 01889



Toggle Switch MON-OFF-MON
3 Position
Code... 01890



Toggle Switch, ON-OFF-MON,
12V/24V
Code.... 70958

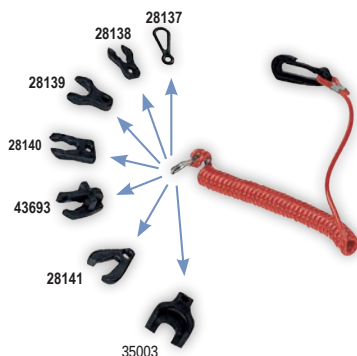
Code	Positions	Switch
99726	4	ON-OFF
99728	6	ON-OFF-MON
99729	6	MON-OFF-MON
99730	6	ON-OFF-ON

Ignition & Kill Switches



Set of Kill Switch Key with Coil Lanyard

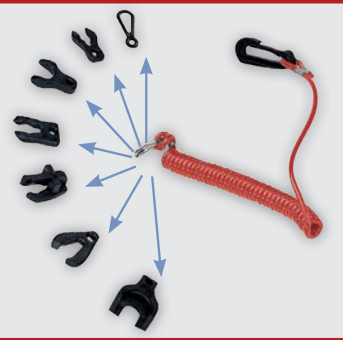
Code	For Motors
28137	Mariner/ Mercury
28138	Mariner/ Suzuki / Johnson (4 strokes)
28139	Tohatsu
28140	Honda / OMC
43693	OMC / Johnson - Evinrude
28141	Yamaha
35003	OMC



new

Set 7 Keys Kill Switch

Code... 198044



Ring Connectors

Packing



Ring Connector

Code	Colour	Diameter (mm)	For wire (mm²)	Packing (pcs)
70465	Red	4,3	0,25 - 1,15	50
70466		5,3		40
70467	Blue	4,3	1 - 2,5	40
70468		5,3		35
70469		6,4		25
70470	Yellow	5,3	2,5 - 6	15
70471		6,4		15



Butt Connector

Code	Colour	For wire (mm²)	Packing (pcs)
70489	Red	0,25 - 1,15	30
70490	Blue	1 - 2,5	25
70491	Yellow	2,5 - 6	13

Multi - Stack Connector

Code	Colour	For wire (mm²)	Packing (pcs)
71240	Red	0,25 - 1,15	20
70484	Blue	1 - 2,5	20



Fully Insulated Disconnect - Double Crimp

Code	Colour	For wire (mm²)	Packing (pcs)
70481	Red	0,25 - 1,15	20
70482	Blue	1 - 2,5	20
70483	Yellow	2,5 - 6	15



Flanged Space Connector

Code	Colour	Diameter (mm)	For wire (mm²)	Packing (pcs)
70485	Red	4,3	0,25 - 1,15	50
70486	Blue	4,3	1 - 2,5	40
70487		5,3		35
70488	Yellow	5,3	2,5 - 6	20



Disconnect - Double Crimp

Code	Colour	For wire (mm²)	Packing (pcs)
70475	Red	0,25 - 1,15	65
70476	Blue	1 - 2,5	45
70477	Yellow	2,5 - 6	25



Snap Plug female

Code	Colour	For wire (mm²)	Packing (pcs)
70492	Red	0,25 - 1,15	20
70493	Blue	1 - 2,5	20
70494	Yellow	2,5 - 6	15



Pin Terminal

Code	Colour	For wire (mm²)	Packing (pcs)
70472	Red	0,25 - 1,15	40
70473	Blue	1 - 2,5	35
70474	Yellow	2,5 - 6	15



Disconnect - Funnel Entry

Code	Colour	For wire (mm²)	Packing (pcs)
70478	Red	0,25 - 1,15	55
70479	Blue	1 - 2,5	45
70480	Yellow	2,5 - 6	25



Snap Plug Male

Code	Colour	For wire (mm²)	Packing (pcs)
70495	Red	0,25 - 1,15	50
70496	Blue	1 - 2,5	45
70497	Yellow	2,5 - 6	25

Interior Lights

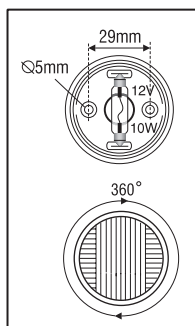
30078



Power Boat Light

Code	30068	30078
Housing	Black	White

30068



Blister Bulb

12V/10W, SV8.5-8, C8I, 39mm

Code.....30610



Bulb 12V/10W, SV8.5-8, C8I, 39mm

Code.....00568



Bulb 12V, LED, T11 39mm, cool white - 2x4 LEDs 360°

Code.....71227



Dome Light, LED, with movement & light sensor, 4AA

Material: ABS
Bulb Type: 6 LED
Batteries: 4AA
Automatically Activated by an Infrared Sensor
IP54

Code....70016



Dome Light / Trailer Light, 25 LEDs, black

- 200x58x30mm
- 12 & 24V DC, Multivolt
- 2,6W
- 187,5 lm
- Waterproof

Code.....71236



Dome Light / Trailer Light, 2 LEDs, black (2 pcs)

- 77x36x21mm
- 12 & 24V DC, Multivolt
- 2,6W
- 15 lm
- Waterproof

Code.....71237



Dome Light / Trailer Light, 12 LEDs, black (2 pcs)

- 104x60x26mm
- 12 & 24V DC, Multivolt
- 2,6W
- 90 lm
- Waterproof

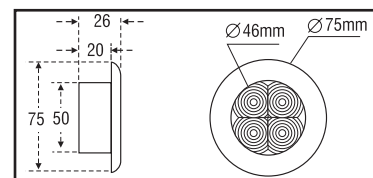
Code.....71235

LED Lights

Lalizas have designed a range of water resistant LED lights suitable for interior and exterior use - cockpit, emergency, illumination, cabinet, map reading, etc. They are made of ABS Polycarbonate PC and they feature four LED bulbs. They are available in two light versions (white and red) and they come in four different cover options (white, black, chrome and brass). **Material:** ABS-Polycarbonate PC impact resistant-sunlight UV protected **Source of light:** 4 LEDs (red or white) **Installation:** prewired, including 120 mm connection lead **Protection System:** IP 67 to DIN 40060 **Operating Voltage:** 12V **Luminous intensity:** 4 cd **Power Consumption:** 0,2W.



Code	30722	30723	30732	30733	30742	30743	30752	30753
LED	Red	White	Red	White	Red	White	Red	White
Housing	White		Black		Chrome		Brass	



new

AquaLED



AquaLED Swivel lamp, 30 LEDs

Code.....70685



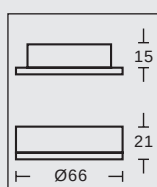
- Aluminium housing
- 470x33mm
- Neutral white
- 4000K
- 12 & 24V DC, Multivolt
- 1,4W
- IP20
- Swivel (180°) with switch

AquaLED Swivel lamp, 10 LEDs

Code.....70684



- Aluminium housing
- 225x33mm
- Neutral white
- 4000K
- 12 & 24V DC, Multivolt
- 0,7W
- IP20
- Swivel (180°) with switch



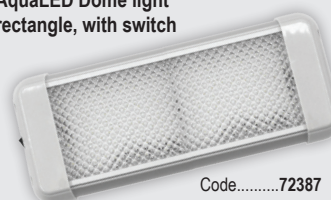
AquaLED Downlight



Code.....72396

- Chromed housing
- Ø66mm
- Warm white
- 3000K
- 12 & 24V DC, Multivolt
- 3W
- IP20
- Dimmable
- Flush or recessed

AquaLED Dome light rectangle, with switch



Code.....72387

- Aluminium housing
- 260x100mm
- Cool white
- 5000K
- 12 & 24V DC, Multivolt
- 9,6W
- IP20
- With switch

new

AquaLED

**AquaLED Dome Light, 6 LEDs**

- White or chrome housing
- Ø75mm
- Neutral white



- 12 & 24V DC, Multivolt
- 0,4W
- IP67 (100% Sealed)
- Surface mounted

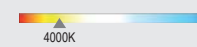
Code	70672	70673
Housing	White	Chrome



Code.....72407

AquaLED Dome light, with 3 position switch

- White housing
- 140x40mm
- Neutral white & red colour



- 12 & 24V DC, Multivolt
- IP20
- With switch

**AquaLED Dome light, round, with switch**

- White or chrome housing
- Ø143mm
- Neutral white

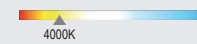


- 12 & 24V DC, Multivolt
- 4,8W
- IP20
- With switch
- Surface mounted

Code	72381	72382
Housing	White	Chrome

**AquaLED Flexible reading light**

- Satin nickel
- Bullet Head Ø28x55mm
- Flexible Arm Ø10x435mm
- Neutral white or red



- 12 & 24V DC, Multivolt
- 1W
- With switch
- Dimmable

Code	72390	72391
LED	Neutral White	Red



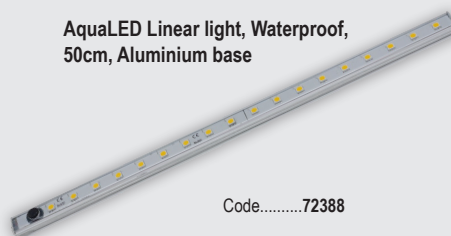
Code.....72389

AquaLED Tape, 3m, Waterproof

- Flexible PCB with 60LEDs/m
- 3m/roll x 11mm
- Warm white



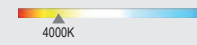
- 12V DC
- 14.4W/m
- IP67 (100% Sealed)
- With 6 end caps
- Dimmable
- Installation Options
- 3M Adhesive Tape
- Clips & Screws (included 10pcs)



Code.....72388

AquaLED Linear light, Waterproof, 50cm, Aluminium base

- Aluminium base
- 500x16,8mm
- Neutral white



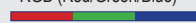
- 5,5W
- 12 & 24V DC, Multivolt
- IP67 (100% Sealed)
- With switch
- Dimmable
- Surface mounted



Code.....72398

AquaLED Underwater

- Stainless Steel 316
- Ø94mm
- RGB (Red/Green/Blue)
- 12V DC
- 12W
- IP68 (100% Sealed)
- Surface mounted
- Working with RGB Controller

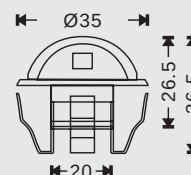
**AquaLED Courtesy, No-glare**

- Chromed Housing
- Ø 35mm
- Neutral white / blue



- 12V DC
- 0,2W
- IP65
- Dimmable

Code	72394	72395
LED	Neutral White	Blue

**AquaLED Courtesy light, Round**

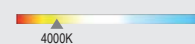
Code.....72397

AquaLED Underwater

- Stainless Steel 316
- Ø94mm
- Neutral white
- 4000K
- 12 & 24V DC, Multivolt
- 10W
- IP68 (100% Sealed)
- Dimmable
- Surface mounted

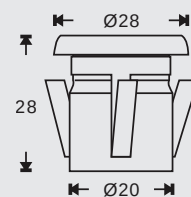


- Stainless Steel 316
- Ø 28mm
- Neutral white / blue



- 12 & 24V DC Multivolt
- 0,6W
- IP67 (100% Sealed)
- Dimmable

Code	72392	72393
LED	Neutral White	Blue



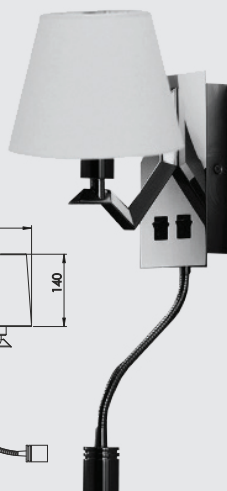
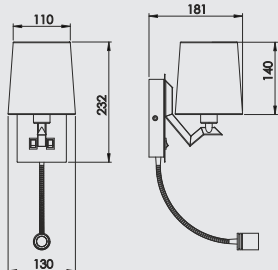
new

AquaLED

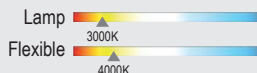


AquaLED Lampshade with flexible light

Code.....72405



- SS Polished
- 3W flexible
- 12 & 24V DC, Multivolt
- With 2 switches
- E14 LED Lamp Warm white
- Flexible light Neutral white



AquaLED Recessed wall light



- SS Polished
- 3W
- 12 & 24V DC, Multivolt
- With switch
- Neutral white
- 200x70mm

Code.....72406



AquaLED Flexible light

- SS Polished
- 3W
- 12 & 24V DC
- With switch
- Neutral white
- Ø110 x L300mm

Code.....72404

Bulbs

LED

	Code	LED / SMD	Colour	Volt - Lumen	Dimensions (mm)	BASE TYPE						
												
	71227	8 SMD (2x4)	Cool White	12V - 60	11 x 39		•					
	71228	18 LED		12V - 90	15 x 39			•				
	72411								•			
	71229	4 SMD + 1 LED		12V - 37,5	9,2 x 29,5							•
	71230	36 LED		12V - 270	15 x 52,5				•			
	71231	21 LED		12V - 157,5	40 x 30 x 8,2						•	
	71232	4 LED PIRANHA		12V - 30	37 x 25 x 8,2						•	
	71233	4 SMD + 1 LED		12V - 37,5	9 x 25,5	•						
	71234	4 LED		12V - 30	11 x 41		•					

	Code	LED	Colour	Volt - Lumen	Dimensions	Base Tupe	Filament Types
	71225	20	Cool White	12V - 150	Ø 50mm 48mm		

BEST VALUE



LED Bulb, green,
multiuse 10-28V DC
Code... 31386

BEST VALUE



LED Bulb, red,
multiuse 10-28V DC
Code... 31387

	Code	SMD	Colour	Volt - Lumen	Dimensions	Base Tupe	Filament Types
	71226	12	Cool White	12V - 90	Ø 35mm 38,5mm		

Bulbs

Incandescent Bulbs

	Bulb Code	Volt-Watt	Dimensions (mm)	Base Type					Filament Types			
												
	00438	12V 25W	15 x 65					•			•	
	30570*											
	00439	24V 25W	25 x 67					•				•
	30580*											
	00440	12V 10W	15 x 65					•			•	
	30590*											
	00386	12V -10W 41mm	11 x 41		•						•	
	30600*											
	00568	12V -10W 38mm	11 x 38		•						•	
	30610*											
	00757	4,8V 3,6W	9 x 28			•			•			
	30650*											
	00453	1,1V - 0,33W	9,5 x 23			•				•		
	30640*											
	00420	12V 10W	15 x 34				•		•			
	30630*											
	01184	12V 5W	10 x 29	•					•			
	30940*											

*Blister

HALOGEN BULBS

	Code	Volt-Watt	Dimensions	Base Type	Filament Types
					
	02020	12V 20W	Ø 50mm	G 5.3	MR16/C

new



Classic LED 12 Bulb (BA15S) for All-around lights 12/24V

Code...72182



Classic LED 20 Bulb (BAY15D) 12/24V

Code...72184



Classic LED Kit 12 12/24V
Code...72183

Spotlights

new

AquaLED



AquaLED Flood light



- Aluminium housing
- Ø90mm
- Cool white
- 6500K
- 12 & 24V DC, Multivolt
- 9W
- 600lm
- IP68 (100% Sealed)
- SS304 mounting bracket

Code	72383	72384
Housing	Black	White

AquaLED Flood light



- White aluminium
- 66x66mm
- Cool white
- 6500K
- 12 & 24V DC, Multivolt
- 12W
- 900lm
- IP67 (100% Sealed)
- SS304 mounting bracket

Code.....72385

AquaLED Flood light



- White aluminium
- 145x46mm
- Cool white
- 6500K
- 12 & 24V DC, Multivolt
- 18W
- 1350lm
- IP68 (100% Sealed)
- SS304 mounting bracket

Code.....72386

AquaLED Flood light



- White aluminium
- Ø116mm
- Cool white
- 6500K
- 12 & 24V DC, Multivolt
- 27W
- 2025lm
- IP68 (100% Sealed)
- SS304 mounting bracket

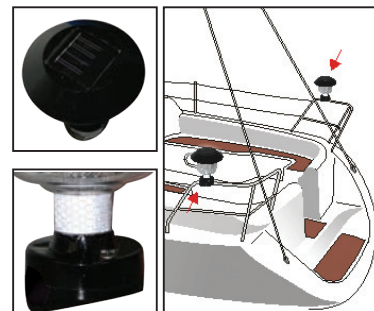
Code.....72380

Rail Solar Light

- Plastic Case
- It has a rechargeable battery
- Suitable for 19.1mm-25.4mm boat rails
- The rails support is not detachable
- One Super Bright white LED
- 9000 – 14000mcd luminosity and current 40mA
- The solar panel consists of 4pcs of monocrystalline cells (epoxy sealed)
- Operating time more than 7 hours

**BEST
VALUE**

Code.....70988



Flashlights

* Batteries not included

**SEA
POWER****Flashlight, 2D, aluminium, silver**

Material: Aluminum
 Bulb Type: 6 LED & 1 Krypton / Xenon Bulb
 Working Hours: 20 hours of continuous use
 Lifetime of the LED: 100,000hrs
 Batteries: 2D
 Water resistant
 Shock resistant

Code...70011

Flashlight, 3D, aluminium, silver

Material: Aluminum
 Bulb Type: 6 LED & 1 Krypton / Xenon Bulb
 Working Hours: Over 20 hours of continuous use
 Lifetime of the LED: 100,000hrs
 Batteries: 3D
 Water resistant
 Shock resistant

Code...70009

**SEA
POWER****Flashlight, 4LEDs, 2AA**

Material: Rubber
 Bulb Type: 4 LED
 Voltage: DC 3.0VIt
 Batteries: 2AA
 Water resistant

Code.....70013

**SEA
POWER****Lantern, LED, 4AA**

Material: ABS & PVC
 Bulb Type: 8 LED
 Life time of the LED: 80,000h
 Working Modes: 4LED/8LED
 Water resistant
 Batteries: 4AA

Code....70015

**SEA
POWER****Flashlight, 5LEDs, 4AA**

Material: ABS
 Bulb Type: 5 LED
 Light Beam: 20m
 Batteries: 4AA
 Water resistant up to 2m
 Suitable for diving

Code.....70012

**BEST
VALUE****Liferaft LED flashlight**

Code....71217

AA Alkaline 1.5V x 2pcs
 (batteries not included)

**SEA
POWER****Caplight, LED,
2 x CR2032**

Material: ABS
 Bulb Type: 5 LED
 Life time of the LED: 100,000hrs
 Working Modes: 1LED/3LED/5LED
 Batteries: 2xCR2032 (Lithium)
 Water resistant

Code....70014

**SEA
POWER****Headlamp, LED, 3AAA**

Material: ABS
 Bulb type: 8 LED
 Batteries: 3AAA
 Three working modes: 2LED / 4LED /
 8LED / OFF
 Diameter: 68mm
 Size: 30x77mm
 Weight: 95.3gr
 Water resistant

Code.....31371

CLASSIC LED

Meet the requirements for:

- COLREG 72
- MSC 253(83)
- EN 14744:2005



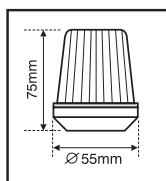
For vessels up to 12m

CLASSIC LED 12 Navigation Lights

The CLASSIC LED 12 series of navigation lights is designed for vessels under 12m length. Made of a PBT and polycarbonate compound with shatter-proof acrylic lens, stainless steel electrical contacts and an EVA water resistant seal to provide reliable long-life. All lights are supplied with 12-24V LED bulb to ensure maximum energy saving and lasts for 50.000hrs (code 72182)



Code	72164	72167
Description	White	Tri-colour
Housing	Black	



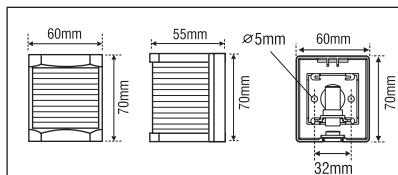
Classic LED 12 Bulb (BA15S)
for All-around lights
12/24V
Code...72182

CLASSIC LED 12 Navigation Lights

The CLASSIC LED 12 series of navigation lights is designed for vessels under 12m length. Made of a PBT and polycarbonate compound with shatter-proof acrylic lens, stainless steel electrical contacts and an EVA water resistant seal to provide reliable long-life. All lights are supplied with 12-24V LED bulb to ensure maximum energy saving and lasts for 50.000hrs (code 72183)



Code	72168	72169	72170	72171	72172
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°	Bi-colour 225°
Housing	Black				



Classic LED Kit 12
12/24V
Code...72183

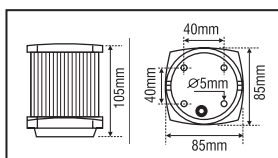


For vessels up to 20m

CLASSIC LED 20 Navigation Lights

The CLASSIC LED 20 series of navigation lights is designed for vessels under 20m. Made of a PBT and polycarbonate compound with shatter-proof acrylic lens, stainless steel electrical contacts and an EVA water resistant seal to provide reliable long-life.

All lights are supplied with 12-24V LED bulb to ensure maximum energy saving and lasts for 50.000hrs (code 72184)



Code	72176	72173
Description	Signal White 360°	Tricolour 360°
Housing	Black	



Classic LED 20 Bulb (BAY15D)
12/24V
Code...72184



CLASSIC LED 20 Navigation Lights

The CLASSIC LED 20 series of navigation lights is designed for vessels under 20m. Made of a PBT and polycarbonate compound with shatter-proof acrylic lens, stainless steel electrical contacts and an EVA water resistant seal to provide reliable long-life. All lights are supplied with 12-24V LED bulb to ensure maximum energy saving and lasts for 50.000hrs (code 72184).



72177

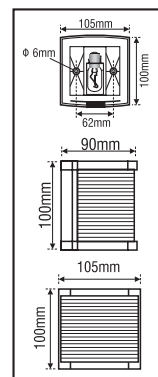
72178

72179

72180

72181

Code	72177	72178	72179	72180	72181
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°	Bi-colour 225°
Housing	Black				



Classic LED 20 Bulb
(BAY15D)
12/24V



Code...72184

Classic LED 20 All-around & tri-colour light, 12V

The tri-color and white navigation light features a compact two-pieces design, it's made of a PBT and polycarbonate compound with shatter-proof acrylic lens and an EVA water resistant seal to provide reliable long-life. All lights are supplied with 12-24V LED bulb to ensure maximum energy saving and lasts for 50.000hrs (code 72184)

To change the bulb follow the instructions as indicated in the pictures.



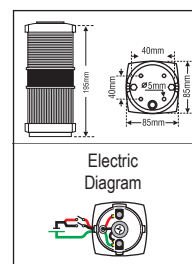
Unscrew the casing by turning it anti-clockwise



Pull the casing and change the bulbs needed



Place the casing by matching the lugs to the relevant slots and turning clockwise



Code.....72189



LED KITS

With LED KITS now you can "LED UP" your Classic 12 & 20 Navigation Lights



Classic LED Kit 12
12/24V
Code...72183

LED IT UP



Starboard green
112,5°
Code...30091



Port red 112,5°
Code...30092



Stern white 135°
Code...30093



Masthead white
225°
Code...30094



Bi-colour 225°
Code...30095



Classic LED 12 Bulb (BA15S)
for All-around lights
12/24V
Code...72182

LED IT UP



White
Code...30111



Tri-colour
Code...30114

Navigation light Classic 20



Classic LED 20 Bulb
(BAY15D)
12/24V
Code...72184

LED IT UP



Starboard green 112,5°
Code...30501



Port red 112,5°
Code...30502



Stern white 135°
Code...30503



Masthead white 225°
Code...30504



Bi-colour 225°
Code...30505



Signal white 360°
Code...30523



Tri-colour 360°
Code...30404



Tri-colour lights &
anchor light
Code...30415

FOSLED

FOS LED series of navigation lights are designed to save power consumption on board and offer reliability, efficiency and optimal visibility at sea. This new series of LED navigation lights is suitable for vessels up to 12m or 20m for enhanced safety. LED technology provides supreme efficiency with up to 80% less power consumption compared to conventional bulbs. Their completely sealed unit ensures durability and safety.



BEST
VALUE

Meet the requirements for:

- COLREG 72
- MSC 253(83)
- IEC 60945:2002
- EN 14744:2005
- ABYC A-16.1997
- IP67

&
USCG Approval



For vessels up to 12m



71299



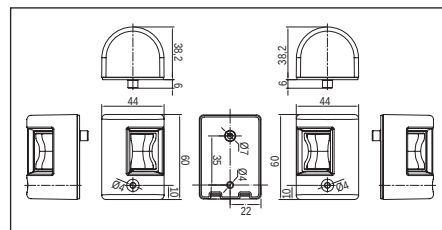
71300

FOS LED 12

Port & Starboard light side mount 112.5°

- For vessels up to 12m
 - Visible distance: 1 nm
 - 12-15 V DC & 0.5W
 - Red & Green LED light
 - Vertical Mounted
 - Last for 50.000 hours
 - Waterproof, non-corrosive, non-magnetic
 - Included:
1. Screws DIN7981 / ISO 7049 M3.5x32mm
 2. Wire length 0.6m
 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 65gr/pc

Code	71299	71300
Housing	Black	White



Dimensions are in mm



71301



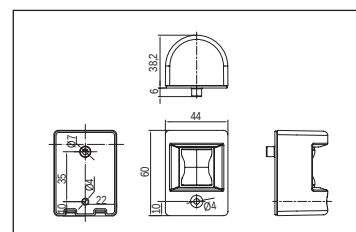
71302

FOS LED 12

Stern light side mount 135°

- For vessels up to 12m
 - Visible distance: 2 nm
 - 12-15 V DC & 0.5W
 - White LED light
 - Vertical Mounted
 - Last for 50.000 hours
 - Waterproof, non-corrosive, non-magnetic
 - Included:
1. Screw DIN7981 / ISO 7049 M3.5x32mm
 2. Wire length 0.6m
 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 65gr/pc

Code	71301	71302
Housing	Black	White



Dimensions are in mm



71303



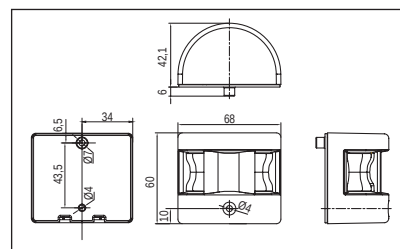
71304

Code	71303	71304
Housing	Black	White

FOS LED 12

Masthead light 225°

- For vessels up to 12m
- Visible distance: 2 nm
- 12-15 V DC & 1W
- White LED light
- Vertical Mounted
- Last for 50,000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
 1. Screw DIN7981 / ISO 7049 M3.5x32mm
 2. Wire length 0.6m
 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 150gr/pc



Dimensions are in mm



71305



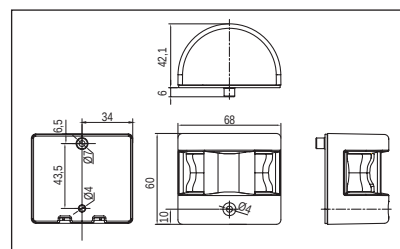
71306

Code	71305	71306
Housing	Black	White

FOS LED 12

Bi-color light side mount

- For vessels up to 12m
- Visible distance: 1 nm
- 12-15 V DC & 1W
- Red & Green LED light
- Vertical Mounted
- Last for 50,000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
 1. Screw DIN7981 / ISO 7049 M3.5x32mm
 2. Wire length 0.6m
 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 150gr/pc



Dimensions are in mm



71307



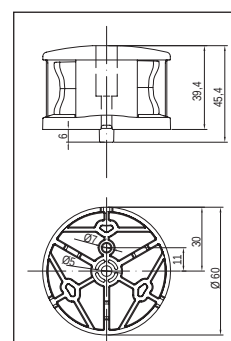
71308

Code	71307	71308
Housing	Black	White

FOS LED 12 & 20

All-Round light 360°

- For vessels up to 20m
- Visible distance: 2 nm
- 12-24 V DC & 1,5W
- White LED light
- Deck Mounted
- Last for 50,000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
 1. Screw DIN7981 / ISO 7049 M3.5x32mm
 2. Wire length 0.6m
 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 95gr/pc



Dimensions are in mm



71309



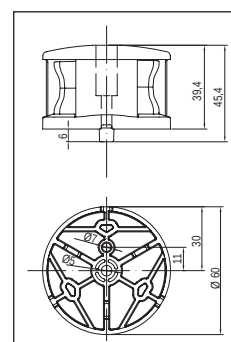
71310

Code	71309	71310
Housing	Black	White

FOS LED 12

Tricolor light

- For vessels up to 12m
- Visible distance: 1+1+2 nm
- 12-15 V DC & 1,5W
- Red, Green & White LED light
- Deck Mounted
- Last for 50,000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
 1. Screw DIN7981 / ISO 7049 M3.5x32mm
 2. Wire length 0.6m
 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 95gr/pc



Dimensions are in mm



For vessels up to 12m



71311

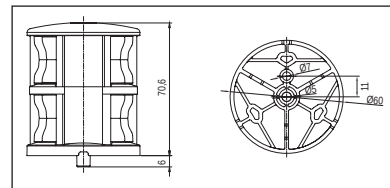


71312

Code	71311	71312
Housing	Black	White

FOS LED 12 Tricolor & Anchor light

- For vessels up to 12m
- Visible distance: 1+1+2 nm & Anchor light 2nm
- 12-15 V DC & 3W
- Red, Green & White LED light
- Deck Mounted
- Last for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
- 1. Screw DIN7981 / ISO 7049 M4.8x60mm
- 2. Wire length 0.6m, 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 160gr/pc



Dimensions are in mm



71321

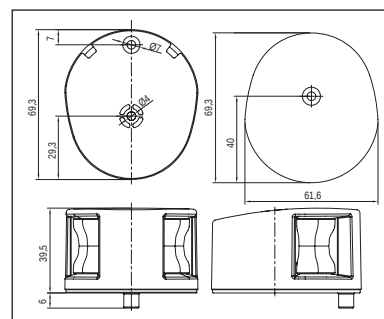


71322

Code	71321	71322
Housing	Black	White

FOS LED 12 Bi-color light deck mount

- For vessels up to 12m
- Visible distance: 1 nm
- 12-15 V DC & 1W
- Red & Green LED light
- Deck Mounted
- Last for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
- 1. Screw DIN7981 / ISO 7049 M3.5x32mm
- 2. Wire length 0.6m
- 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 90gr/pc



Dimensions are in mm



71313

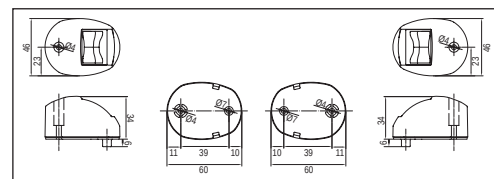


71314

Code	71313	71314
Housing	Black	White

FOS LED 12 Port & Starboard lights 112.5°

- For vessels up to 12m
- Visible distance: 1 nm
- 12-15 V DC & 0.5W
- Red & Green LED light
- Side Mounted
- Last for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
- 1. Screws DIN7981 / ISO 7049 M3.5x32mm
- 2. Wire length 0.6m
- 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 60gr/pc



Dimensions are in mm



71315

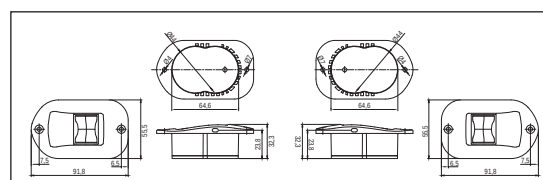


71316

Code	71315	71316
Housing	Black	White

FOS LED 12 Port & Starboard lights side recessed mount 112.5°

- For vessels up to 12m
- Visible distance: 1 nm
- 12-15 V DC & 0.5W
- Red & Green LED light
- Side Recessed Mounted
- Last for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
- 1. Screws DIN7981 / ISO 7049 M3.5x13mm
- 2. Wire length 0.6m
- 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 75gr/pc



Dimensions are in mm

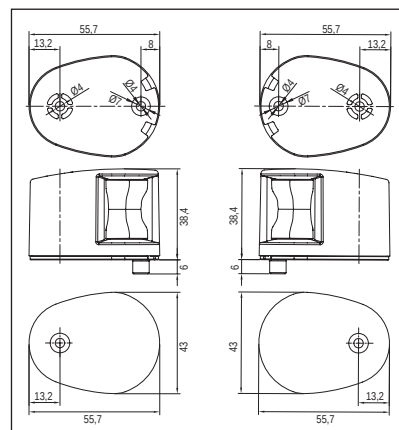
For vessels up to 12m



Code	71317	71318
Housing	Black	White

FOS LED 12 Port & Starboard lights deck mount 112.5°

- For vessels up to 12m
- Visible distance: 1 nm
- 12-15 V DC & 0.5W
- Red & Green LED light
- Deck Mounted
- Last for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
 1. Screws DIN7981 / ISO 7049 M3.5x32mm
 2. Wire length 0.6m
 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 60gr/pc



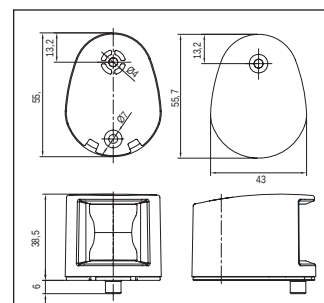
Dimensions are in mm



Code	71319	71320
Housing	Black	White

FOS LED 12 Stern light deck mount 135°

- For vessels up to 12m
- Visible distance: 2 nm
- 12-15 V DC & 0.5W
- White LED light
- Deck Mounted
- Last for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
 1. Screw DIN7981 / ISO 7049 M3.5x32mm
 2. Wire length 0.6m
 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 55gr/pc



Dimensions are in mm

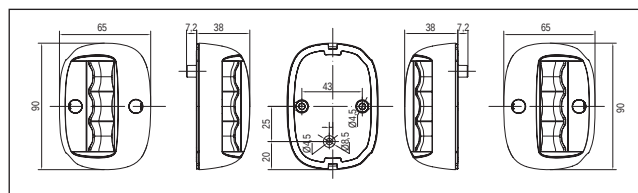
For vessels up to 20m



Code	71968	71969
Housing	Black	White

FOS LED 20 Set Port & Starboard sidelights 112.5°

- For vessels up to 20m
- 12-24 V DC & 1.5 W
- Vertical Mounted
- Waterproof, non-corrosive, non-magnetic
- Last for 50.000 hours
- Included:
 1. Screw DIN7981 / ISO 7049 M4.2x32mm (2 pieces per item, total 4 pieces),
 2. 1.2m length of wire per product,
 3. double-side adhesive sticker that can be used as drilling drawing
- Weight: 155gr/pc



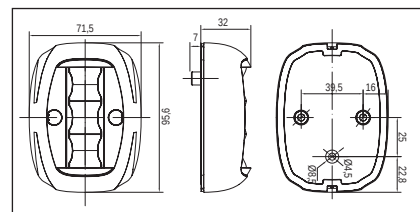
Dimensions are in mm



Code	71970	71971
Housing	Black	White

FOS LED 20 Stern light side mount, 135°

- For vessels between 12-20m
- Visible distance: 2 nm
- 12-24 V DC & 1.5 W
- White LED light
- Vertical Mounted
- Last for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
 1. Screw DIN7981 / ISO 7049 M4.2x32mm
 2. 1.2m length of wire per product,
 3. double-side adhesive sticker that can be used as drilling drawing
- Weight: 165gr/pc



Dimensions are in mm



For vessels up to 20m



71972

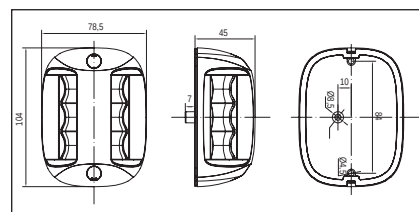


71973

Code	71972	71973
Housing	Black	White

FOS LED 20 Masthead light 225°

- For vessels between 12-20m
- Visible distance: 3 nm
- 12-24 V DC & 3W
- White LED light
- Vertical Mounted
- Last for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
 1. Screw DIN7981 / ISO 7049 M4.2x32mm
 2. 1.2m length of wire per product,
 3. double-side adhesive sticker that can be used as drilling drawing
- Weight: 235gr/pc



Dimensions are in mm



71974

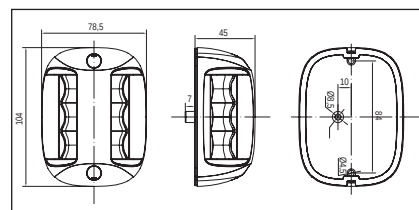


71975

Code	71974	71975
Housing	Black	White

FOS LED 20 Bi-color light, side mount

- For vessels between 12-20m
- Visible distance: 2 nm
- 12-24 V DC & 3W
- Red & Green LED light
- Vertical Mounted
- Last for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
 1. Screw DIN7981 / ISO 7049 M4.2x32mm
 2. 1.2m length of wire per product,
 3. double-side adhesive sticker that can be used as drilling drawing
- Weight: 235gr/pc



Dimensions are in mm



71307

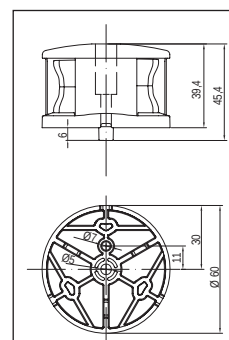


71308

Code	71307	71308
Housing	Black	White

FOS LED 12 & 20 All-Round light 360°

- For vessels up to 20m
- Visible distance: 2 nm
- 12-24 V DC & 1,5W
- White LED light
- Deck Mounted
- Last for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Included:
 1. Screw DIN7981 / ISO 7049 M3.5x32mm
 2. Wire length 0.6m
 3. Double-side adhesive sticker that can be used as drilling drawing
- Weight: 95gr/pc



Dimensions are in mm

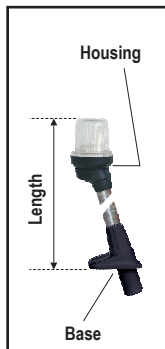


Pole Lights

Made of marine grade stainless steel 316 tubing with ABS plastic, polycarbonate lens and nitrile O ring sealed light and a fibre nylon mix base. Available in five lengths, folding, telescopic or fixed mount with an all round white or tri colour lens.

All round Pole lights white (Black housing)

Housing	Telescopic		Plug in		Folding	
Base						
Length	54cm	54cm	105cm	130cm	23cm	64cm
Code	30143	30163	30243	30263	30173	30153

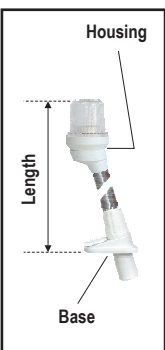


Plug in white light, 130cm

Based on Lalizas' popular pole lights, this Lalizas light features a much improved plug in base unit. This increase in structural strength has allowed us to offer a longer pole with no risk of accidental damage. The light is manufactured from ABS plastic, polycarbonate lens and a nitrile "O" ring. It is 130 cm long.

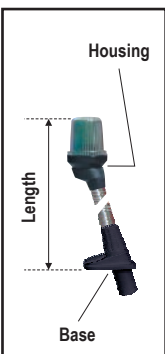
All round Pole lights white (White housing)

Housing	Telescopic		Plug in		Folding	
Base						
Length	54cm	54cm	105cm	130cm	23cm	64cm
Code	30273	30293	30333	30353	30763	30283



Tri colour light (Black housing)

Housing	Telescopic		Plug in		Folding	
Base						
Length	54 cm	54 cm	105 cm	23 cm	64 cm	
Code	30224	30234	30254	30214	30204	



Tri colour light (White housing)

Housing	Telescopic		Plug in		Folding	
Base						
Length	54 cm	54 cm	105 cm	23 cm	64 cm	
Code	30794	30324	30344	30784	30774	



Blister Bulb
12V/10W,
BA15S, C2R
Code....30630



Bulb
12V/10W
BA15S, CR2
Code....00420



Bulb 12V, LED, T18 BA15S,
cool white - 18 LEDs
Code...71228

Approved for vessels up to 12m by:

R.I.N.A	DOT	EEP	DGMM	DOT	DOT	SN	NMD
I	AUS.	GR	ES	UK	S.A.	F	N

**Pole light storing bases**

Single and twin clip brackets designed to store pole lights and/or pole for flag.

Code	30380	30381	30390	30391
Bases	2		1	
Colour	Black	White	Black	White

**Base for plug in light**

Code	31020	31030
Colour	Black	White

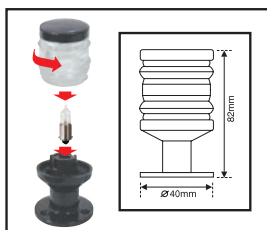
**Fixed Lights**

Code	30183	30194	30303	30314
Description	White	Tri Colour	White	Tri Colour
Base	Black		White	

**For vessels up to 7m****Junior 7 Lights**

These all round pedestal lights are designed for sailboats under 7m. These lights are much smaller in size without detracting from good design and good operating function. The pedestal fitting gives a firm attachment to the boat. Durability and longevity are ensured through the high quality construction standards of Lalizas.

- **Material:** Nylon fibre mix housing. Shatterproof polycarbonate lens
- **Seal:** Nitrile water resistant
- **Luminous intensity:** 5cd

- **Contacts:** Brass- **Bulb:** 12V / 5W- **Minimum visibility distance:** 2 nautical miles

Code	30803	30804	30813	30814
Housing	Black		White	

Blister Bulb
12V/5W,
BA9S, C2R
Code.....30940



Bulb
12V/5W,
BA9S, C2R
Code.....01184



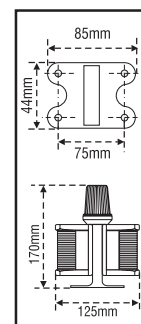
**Bulb 12V, LED, BA9S,
cool white - 4SMDs+1LED**
Code.....71233

**For vessels up to 12m****Combination lights**

The Tri-colour version (30429/49) features all around white port and starboard, while the four colour version (30439/59) features all around white, stern and a bi-colour. Both sets are made of UV stabilized ABS plastic, with shatter-proof acrylic lens, non magnetic stainless steel electrical contacts and a nitrile water resistant seal to provide reliable long life. Both combinations are available in black and white and can be easily installed on any boat.



	Tri-colour comb. light white, port & starboard		Four colour comb. light white, bi-colour & stern	
Code	30429	30449	30439	30459
Housing	Black	White	Black	White

**Spare bulb for navigation lights**

Blister Bulb
12V/10W, SV8.5-8,
C8I, 41 mm
Code.....30600



Bulb
12V/10W, SV8.5-8,
C8I, 41 mm
Code.....00386



**Bulb 12V, LED, T11
41mm, cool white -
4 LEDs**
Code.....71234

Spare bulb for all round lights

Blister Bulb
12V/10W,
BA15S, C2R
Code.....30630



Bulb
12V/10W,
BA15S, C2R
Code.....00420



**Bulb 12V, LED,
T18 BA15S, cool
white - 18 LEDs**
Code.....71228

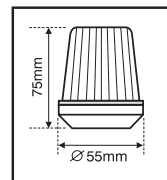
For vessels up to 12m



Classic 12 Lights

This midi series of navigation lights is designed and type-approved for vessels under 12m. Made of tough UV stabilized ABS plastic with shatter-proof acrylic lens, non magnetic stainless steel electrical contacts and a nitrile water resistant seal to provide reliable long life. All lights are supplied with a 12V 10W bulb.

Code	30111	30112	30113	30114	30133
Description	White	Green	Red	Tri-colour	White
Housing	Black				White



Blister Bulb
12V/10W,
BA15S, C2R
Code.....30630



Bulb
12V/10W,
BA15S, C2R
Code.....00420



Bulb 12V, LED, T18 BA15S, cool white - 18 LEDs
Code....71228



Classic LED 12 Bulb (BA15S) for All-around lights
12/24V
Code...72182

Classic 12 Lights

The Classic 12 midi series of navigation lights is designed and type-approved for vessels under 12m length. Made of tough UV stabilized ABS plastic with shatter-proof acrylic lens, non magnetic stainless steel electrical contacts and a nitrile water resistant seal to provide reliable long life. All lights are supplied with a 12V 10W bulb.

Approved for vessels up to 12m by:

R.I.N.A	DOT	EEP	DGMM	DOT	DOT	SN	NMD
I	AUS.	GR	ES	UK	S.A.	F	N



Blister Bulb
12V/10W, SV8.5-8,
C8I, 41 mm
Code.....30600



Bulb
12V/10W, SV8.5-8,
C8I, 41 mm
Code.....00386



Bulb 12V, LED, T11 41mm, cool white - 4 LEDs
Code....71228

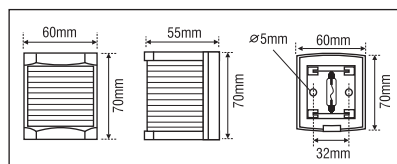


Classic LED Kit 12
12/24V
Code...72183



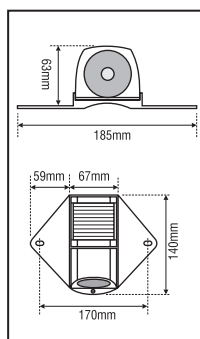
Code	30091	30092	30093	30094	30095
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°	Bi-colour 225°
Housing	Black				

Code	30101	30102	30103	30104	30105
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°	Bi-colour 225°
Housing	White				



Combination Masthead & Deck Lights

Made of tough UV stabilized ABS plastic, it combines a highly visible masthead light with a bright deck light. The 20W deck bulb provides ample illumination for foredeck chores. Includes universal mast mount and is available in black colour.



Code	30499
Housing	Black



Spare bulb for Masthead light



Bulb 12V, LED, T11 41mm, cool white - 4 LEDs
Code....71228

Blister Bulb
12V/10W, SV8.5-8,
C8I, 41 mm
Code.....30600



Bulb
12V/10W, SV8.5-8,
C8I, 41 mm
Code.....00386

Spare bulb for Deck light



Bulb 12V, LED, MR16, cool white - 20 LEDs
Code....71225



Bulb 12V/20W, MR 16/C Halogen
Code.....02020



For vessels up to 7m

Eye 7 Lights

Designed for powerboats under 7m length, the Eye 7 lights are an unique design within the Lalizas range of vertical mount navigation lights. Their special design enables them to be neatly mounted on the boat, both ensuring safety without compromising good looks. They are fitted into the vessel's bow, not leaving any sharp edges to either spoil the vessel's lines or cause injuries. **Material:** Nylon fibre mix housing. Shatterproof plexiglas (PMMA) lens **Contacts:** Brass. **Seal:** Nitrile water resistant. **Bulb:** 12V / 5W. **Luminous Intensity:** 5cd **Minimum Visibility Distance:** 2 nautical miles. "Eye" navigation lights are available in white, black or chrome colour.



EASY MOUNTING



Starboard Green 112,5° Horizontal

Code	30841	30851	30921
Housing	Black	White	Chrome



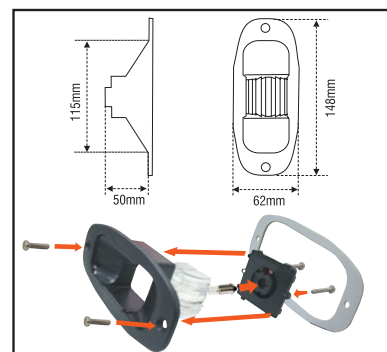
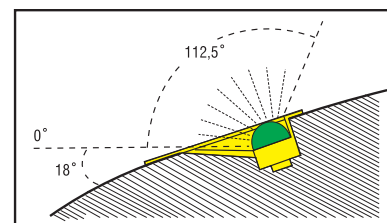
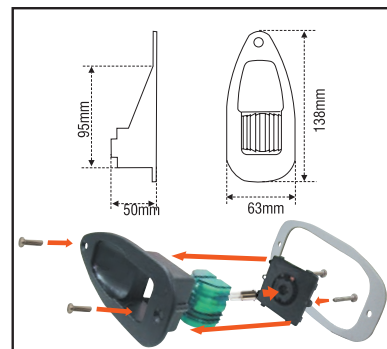
Port Red 112,5° Horizontal

Code	30842	30852	30922
Housing	Black	White	Chrome



Stern white 135°

Code	30843	30853
Housing	Black	White



Blister Bulb
12V/5W
BA9S, C2R

Code....30940



Bulb 12V/5W
BA9S, C2R

Code....01184



Bulb 12V, LED, BA9S,
cool white - 4SMDs+1LED

Code....71233

Junior 7 Lights

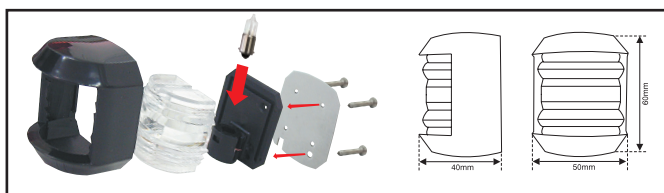
The Junior 7 Navigation Lights are also designed for vessels up to 7m length. They are very easy to mount and their small size makes them very discreet but without compromising their effectiveness. The Junior 7 range covers all types of the required navigation lights. **Material:** Nylon fibre mix housing. Shatterproof plexiglas (PMMA) lens. **Contacts:** Brass. **Seal:** Nitrile water resistant. **Bulb:** 12V / 5W. **Luminous Intensity:** 5cd. **Minimum Visibility Distance:** 2 nautical miles. "Junior" navigation lights are available in white and black



Code	30821	30822	30823	30824	30825
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°	Bi-colour 225°
Housing	Black				



Code	30831	30832	30833	30834	30835
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°	Bi-colour 225°
Housing	White				



Blister Bulb
12V/5W,
BA9S, C2R

Code....30940



Bulb
12V/5W,
BA9S, C2R

Code....01184



Bulb 12V, LED, BA9S,
cool white - 4SMDs+1LED

Code....71233

For vessels up to 7m



Remove the protective paper from the self adhesive flange



Attach the flange at the point you want to place the light and open the holes using a drill



Pass the wires through the lower hole and fit the light's rawl plugs in the side holes



Screw until the rawl plugs are secured

Faros 7 Lights

Including masthead, side and stern navigation lights, the "Faros" range is ideal mainly for powerboats with less than 7m length. "Faros" navigation lights are available in white, black or chrome. **Material:** Nylon fibre mix housing. Shatterproof plexiglas (PMMA) lens **Mounting:** rawl plugs. **Contacts:** Brass. **Seal:** Nitrile water resistant. **Bulb:** 12V / 5W. **Luminous Intensity:** 5cd **Minimum Visibility Distance:** 2 nautical miles.



Masthead White 225°

Code	30864
Housing	Black



Port Red 112,5° Horizontal

Code	31052
Housing	Black



Bi-colour 225°

Code	30865
Housing	Black



Starboard Green 112,5° Horizontal

Code	31051
Housing	Black



Stern White 135°

Code	30863
Housing	Black



Port Red 112,5°

Code	30862
Housing	Black



Starboard Green 112,5°

Code	30861
Housing	Black



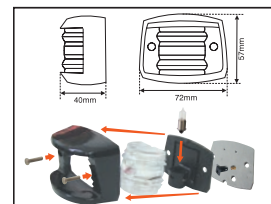
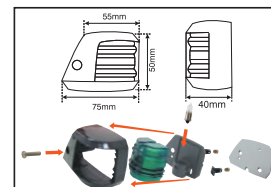
Blister Bulb
12V/5W
BA9S, C2R
Code....30940



Bulb 12V/5W
BA9S, C2R
Code....01184



Bulb 12V, LED, BA9S,
cool white - 4SMDs+1LED
Code....71233



For vessels up to 12m



Cyclic 12 lights

The Cyclic 12 navigation lights are designed for powerboats and sailboats up to 12m length. They are made of tough UV stabilized nylon plastic, non magnetic stainless steel electrical contacts and a nitrile water resistant seal to provide reliable long life. Their elegant "helmet" styling leaves no sharp edges to cause injury or catch lines. They are also especially designed to be visible from a long distance and are fitted with a 12V 10W bulb as standard.

Approved for vessels up to 12m according to :COL REG 72 and the French NFJ 76-102



30461



30471



30462



30472



30463



30473



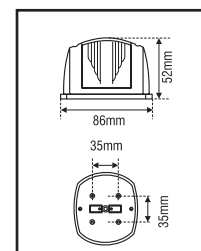
30464



30474

Code	30461	30462	30463	30464
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°
Housing	Black			

Code	30471	30472	30473	30474
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°
Housing	White			



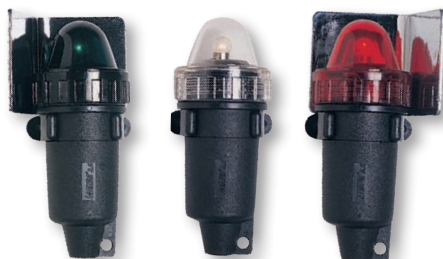
Blister Bulb
12V/10W, SV8.5-8,
C8I, 39mm
Code....30610



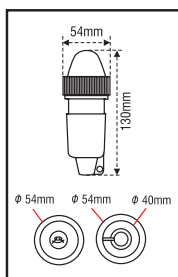
Bulb 12V/10W,
SV8.5-8, C8I, 39mm
Code....00568



Bulb 12V, LED, T11
39mm, cool white - 2x4
LEDs 360°
Code....71227



Code	30001	30002	30003	30010
Description	Green	Red	White	Set



Emergency Navigation Lights

Emergency waterproof navigation lights are ideal for use on small crafts and inflatable boats etc. or as emergency lighting in larger vessels. They can be used when conventional lights are not suitable for the vessel or when they are not operating. Emergency navigation lights are available with external light reflectors and use standard alkaline batteries (D cell), giving approx. 9 hours continuous use. Batteries are not included.

Blister Bulb
1,1V/0,33W,
E10, C2R
Code.....30640



Bulb
1,1V/0,33W,
E10, C2R
Code.....00453



For vessels up to 7m

Power 7 Lights

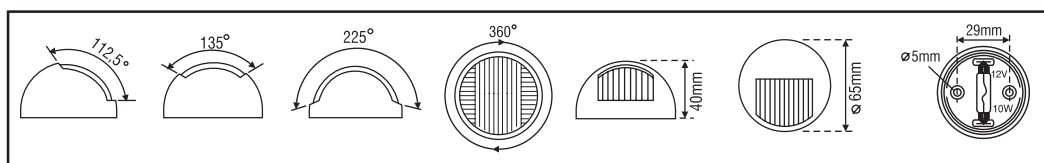
Lalzas sport boat navigation lights are compact and streamlined to follow fit comfortably with all boats. The lenses are made of tough polycarbonate, while nylon fibre mix housing and stainless internal components for added strength. Bi-colour and masthead lights are available for horizontal and vertical mounting.



Code	30061	30062	30063	30064	30065	30066	30067	30068
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead Light 225°	Bi Color, vertical 225°	Bi Color, horizontal 225°	Masthead, horizontal 225°	Fixed Spreader 360°
Housing	Black							



Code	30071	30072	30073	30074	30075	30076	30077	30078
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead Light 225°	Bi Color, vertical 225°	Bi Color, horizontal 225°	Masthead, horizontal 225°	Fixed Spreader 360°
Housing	White							



Blister Bulb
12V/10W, SV8.5-8,
C8I, 39mm
Code.....30610



Bulb 12V/10W,
SV8.5-8, C8I, 39mm
Code.....00568



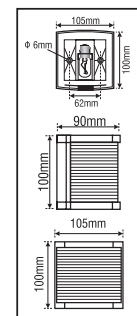
Bulb 12V, LED, T11
39mm, cool white - 2x4
LEDs 360°
Code.....71227



For vessels up to 20m

Classic 20 Lights

The Classic 20 series of navigation lights is designed and type-approved for vessels under 20m. Made of a special compound of ABS and polycarbonate with shatterproof acrylic lens, non-magnetic stainless steel electrical contacts and a nitrile water resistant seal to provide reliable long life.



Code	30501	30502	30503	30504	30505
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°	Bi-colour 225°
Housing	Black				

Code	30511	30512	30513	30514	30515
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°	Bi-colour 225°
Housing	White				

Spare bulbs for Classic 20 & Tri Colour & Anchor Lights

For use in 12V system

Blister Bulb
12V/25W
BAY15D, C81
Code...30570



Bulb
12V/25W
BAY15D, C81
Code...00438

For use in 24V system

Blister Bulb
24V/25W
BAY15D, CC81
Code...30580



Bulb
24V/25W
BAY15D, CC81
Code...00439



Bulb 12V, LED, T25 BAY15D, cool white - 36 LEDs
Code...71230



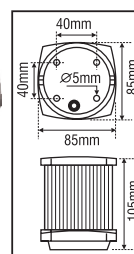
Classic LED 20 Bulb (BAY15D), 12/24V
Code...72184

Classic 20 Lights

This maxi series of Classic 20 lights is designed and type-approved for vessels under 20m. Made of a special compound of ABS and polycarbonate with shatterproof acrylic lens, non-magnetic stainless steel electrical contacts and a nitrile water resistant seal to provide reliable long life.



Code	30521	30522	30523	30543	30404
Description	Signal Green 360°	Signal Red 360°	Signal White 360°	Signal White 360°	Tricolour 360°
Housing	Black			White	Black



Approved for vessels up to 20m by:

R.I.N.A	DOT	ECP
I	AUS.	GR
DGMM	DOT	DOT
ES	UK	S.A.
SN	NMD	
F	N	

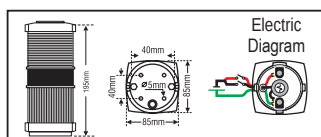


Tri Colour & Anchor light

The tri-colour and white navigation light features an improved bulb holder, simplified wiring installation and compact two-pieces design.

1. Made of a special compound of ABS and Polycarbonate
2. Non magnetic stainless steel electric contacts
3. One compact product (only 2 pcs.)
4. Higher light distribution
5. Easier and more effective electric connection
6. Improved (stable) lamp holders
7. Protection against electrolysis

Code.....30415



To change the bulb follow the instructions as indicated in the pictures.



Unscrew the casing by turning it anti-clockwise



Pull the casing and change the bulbs needed



Place the casing by matching the lugs to the relevant slots and turning clockwise

Anchoring & Docking

Electric Tunnel Thrusters	171-172
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Advisor Available
www.max-power.com
www.lofrans.com

new

Lofrans, Hot dip galvanized chain, G40, Calibrated

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new

CABO Rope for chain rode use, three strand with connection, Nylon, White

Page 210

new

CabQ

Pre-cut

Fender Line double braided with loop, polyester, navy blue

Page 212

**NEW CT 25**

Code: 636061
 Voltage*: 12V
 Thrust (kg/lbs)**: 26 / 57
 Propellers: Mono
 Power (kw/hp): 1.8 / 2.4
 Weight (kg): 7.5

**CT 35**

Code: 42529
 Voltage*: 12V
 Thrust (kg/lbs)**: 35 / 77
 Propellers: Mono
 Power (kw/hp): 2.69 / 3.6
 Weight (kg): 9.6

**CT 45**

Code: 317603
 Voltage*: 12V
 Thrust (kg/lbs)**: 39 / 88
 Propellers: Duo
 Power (kw/hp): 3.23 / 4.3
 Weight (kg): 9.65

**CT 60**

Code: 42530
 Voltage*: 12V
 Thrust (kg/lbs)**: 58 / 128
 Propellers: Mono
 Power (kw/hp): 4.35 / 5.8
 Weight (kg): 14.7

**CT 80**

Code: 42532
 Voltage*: 12V
 Thrust (kg/lbs)**: 69 / 152
 Propellers: Duo
 Power (kw/hp): 4.79 / 6.4
 Weight (kg): 15

**CT 100**

Code: 42534
 Voltage*: 12V
 Thrust (kg/lbs)**: 96 / 212
 Propellers: Duo
 Power (kw/hp): 7.1 / 9.5
 Weight (kg): 24

CT 125

Code: 42535
 Voltage*: 24V
 Thrust (kg/lbs)**: 115 / 254
 Propellers: Duo
 Power (kw/hp): 8.58 / 11.5
 Weight (kg): 24

* Thrusters are designed to run at 10.75V on 12V units and 22V on 24V units. Higher voltages will result in higher thrust ratings, higher power consumption, and a reduced duty cycle.

** Performance data is given for a thruster installed at an immersion depth of one tunnel's diameter, in a tunnel no longer than twice the tunnel's diameter, and this within a variation of + / - 6%. Longer tunnels will result in lower thrust ratings and higher power consumption.



CT 165

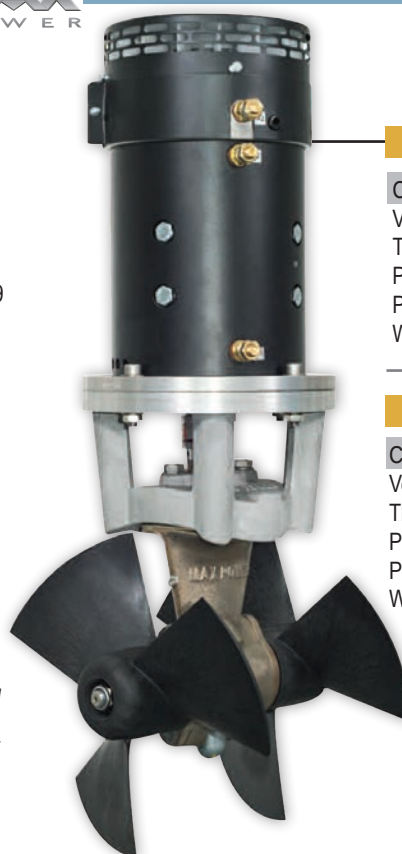
Code: 317557

Voltage*: 24V
Thrust (kg/lbs)**: 160 / 353
Propellers: Duo
Power (kw/hp): 11.88 / 15.9
Weight (kg): 36

CT 225

Code: 317558

Voltage*: 24V
Thrust (kg/lbs)**: 195 / 430
Propellers: Duo
Power (kw/hp): 14.96 / 20
Weight (kg): 37



CT 300

Code: 317606

Voltage*: 24V
Thrust (kg/lbs)**: 255 / 562
Propellers: Duo
Power (kw/hp): 19.7 / 26.4
Weight (kg): 58.5

CT 325

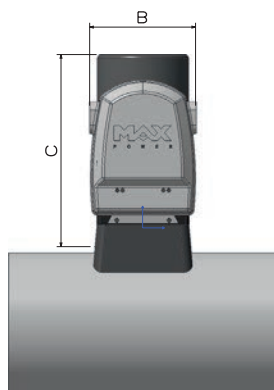
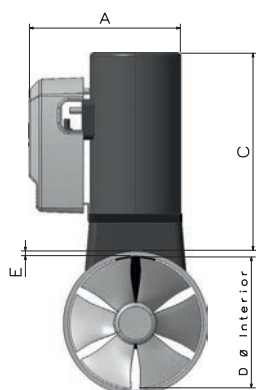
Code: 42542***

Voltage*: 24V
Thrust (kg/lbs)**: 255 / 562
Propellers: Duo
Power (kw/hp): 19.69 / 26.4
Weight (kg): 59

* Thrusters are designed to run at 10.75V on 12V units and 22V on 24V units. Higher voltages will result in higher thrust ratings, higher power consumption, and a reduced duty cycle.

** Performance data is given for a thruster installed at an immersion depth of one tunnel's diameter, in a tunnel no longer than twice the tunnel's diameter, and this within a variation of + / - 6%. Longer tunnels will result in lower thrust ratings and higher power consumption.

Dimensions in mm



Model	A	B	C	D	E
CT 25	180	145	225	110	4 to 5
CT 35	190	140	210	125	4 to 5
CT 45	190	140	210	125	4 to 5
CT 60	210	140	275	185	6 to 7
CT 80	210	140	275	185	6 to 7
CT 100	250	200	365	185	6 to 7
CT 125	250	200	365	185	6 to 7
CT 165	250	200	430	250	7 to 8
CT 225	270	200	405	250	7 to 8
CT 300	250	250	480	300	9 to 10
CT 325	250	250	480	315	9 to 10

Ignition protected thrusters



CT35-IP

Code: 317609

Voltage: 12V
Weight (kg): 11.6

CT45-IP

Code: 317610

Voltage: 12V
Weight (kg): 11.65



CT60-IP

Code: 317611

Voltage: 12V
Weight (kg): 17.3

CT80-IP

Code: 317613

Voltage: 12V
Weight (kg): 17.6

Code: 317614

Voltage: 24V
Weight (kg): 17.6

For IP thruster specifications, see corresponding electric tunnel thruster model.

Dimensions in mm

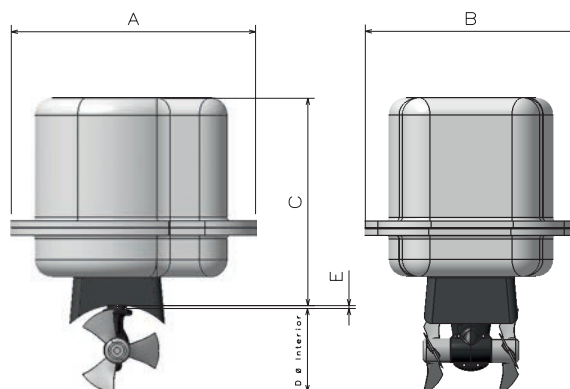


CT 100-IP

Code: 317615
Voltage: 12V
Weight (kg): 27.2

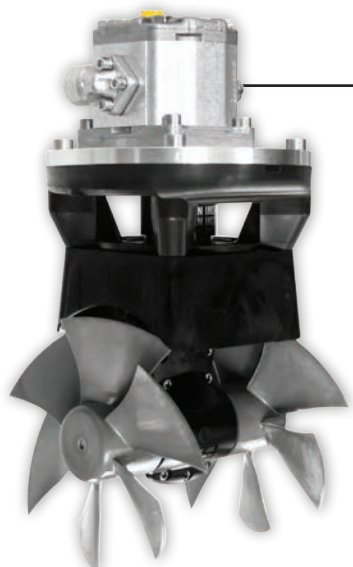
CT 125-IP

Code: 317616
Voltage: 24V
Weight (kg): 27.2



Model	A	B	C	D	E
CT 35-IP	301	230	295	125	4 to 5
CT 45-IP					
CT 60-IP	320	255	375	185	6 to 7
CT 80-IP					
CT 100-IP	390	305	490	185	6 to 7
CT 125-IP					

Hydraulic Tunnel Thrusters



CT HYD 125

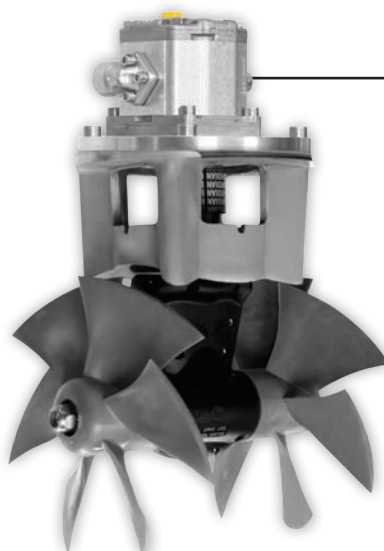
Code: 317588*
Max. thrust (kg/lbs)**: 140/308
Hydraulic power (kw): 13.5
Propellers: Duo
Weight (kg): 12

Code: 317589*
Max. thrust (kg/lbs)**: 90 / 198
Hydraulic power (kw): 7.5
Propellers: Duo
Weight (kg): 12

Code: 317590*
Max. thrust (kg/lbs)**: 120 / 264
Hydraulic power (kw): 11
Propellers: Duo
Weight (kg): 12

CT HYD 225

Code: 317591*
Max. thrust (kg/lbs)**: 200 / 441
Hydraulic power (kw): 13.5
Propellers: Duo
Weight (kg): 19

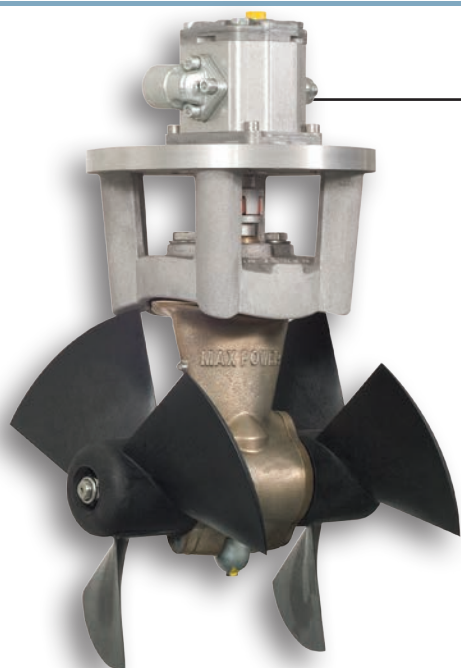


* Thrusters are designed to run at 10.75V on 12V units and 22V on 24V units. Higher voltages will result in higher thrust ratings, higher power consumption, and a reduced duty cycle.

** Performance data is given for a thruster installed at an immersion depth of one

tunnel's diameter, in a tunnel no longer than twice the tunnel's diameter, and this within a variation of + / - 6%. Longer tunnels will result in lower thrust ratings and higher power consumption.

*** Model only available with bronze driveleg



CT HYD 300

Code: 317607* / ***

Max. thrust (kg/lbs)**: 240/529

Hydraulic power (kw): 19.5

Propellers: Duo

Weight (kg): 24

CT HYD 325

Code: 317598* / ***

Max. thrust (kg/lbs)**: 250 / 551

Hydraulic power (kw): 14

Propellers: Duo

Weight (kg): 24

Code: 317599* / ***

Max. thrust (kg/lbs)**: 275 / 606

Hydraulic power (kw): 20

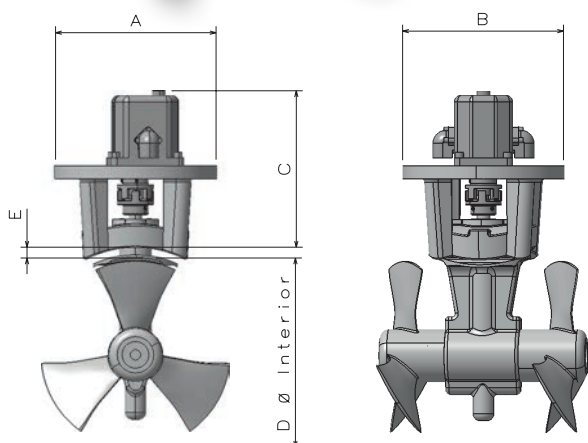
Propellers: Duo

Weight (kg): 24

* Thrusters are designed to run at 10.75V on 12V units and 22V on 24V units. Higher voltages will result in higher thrust ratings, higher power consumption, and a reduced duty cycle.

** Performance data is given for a thruster installed at an immersion depth of one tunnel's diameter, in a tunnel no longer than twice the tunnel's diameter, and this within a variation of + / - 6%. Longer tunnels will result in lower thrust ratings and higher power consumption.

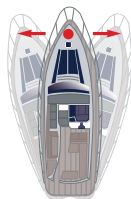
*** Model only available with bronze driveleg



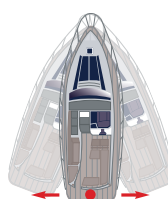
Dimensions in mm

Model	A	B	C	D	E
CT HYD 125	301	230	295	125	4 to 5
CT HYD 225	220	220	200	250	7 to 8
CT HYD 300	240	240	240	300	9 to 10
CT HYD 325	240	240	240	315	9 to 10

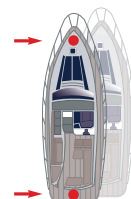
Stern pod thruster



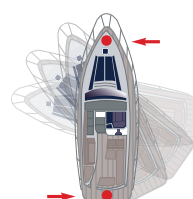
Bow thruster alone



Stern thruster alone



Bow & Stern thrusters



Bow & Stern thrusters

Code	317625	317628	317629	317630	317631	317632	317633
Model	CT45	CT80	CT100	CT125	CT165	CT225	
Boat size	6m - 10.5m 20 - 34'	8.5m - 14m 28 - 46'	9.8m - 15.5m 32 - 51'	10.5m - 18m 34 - 59'	12m - 20m 40 - 66'	14m - 22m 46 - 73'	
Voltage	12 V	12 V	24 V	12 V	24 V	24 V	24 V
Thrust up to	45 kg	69 kg	75 kg	96 kg	115 kg	160 kg	195 kg
Power	3.2 kW / 4.3 hp	4.8 kW / 6.4 hp	5.3 kW / 7.1 hp	7.1 kW / 9.5 hp	8.6 kW / 11.5 hp	11.9 kW / 15.9 hp	15 kW / 20 hp
Weight	21 kg	31 kg	31 kg	41 kg	41 kg	61 kg	61 kg



COMPACT RETRACT™



Code: 317821

Voltage*: 12V
 Thrust (kg/lbs)**: 70 / 154
 Propellers: Duo
 Power (kw/hp): 4.79 / 6.4
 Weight (kg): 40

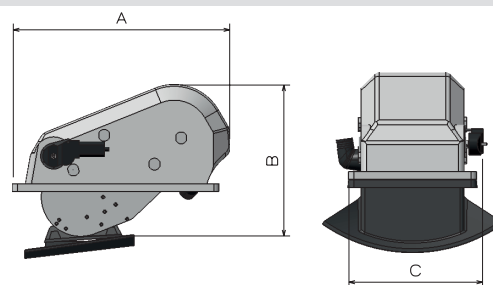
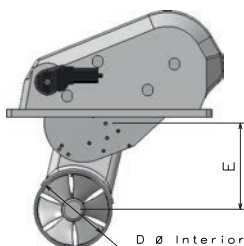
Code: 317822

Voltage*: 24V
 Thrust (kg/lbs)**: 85 / 187
 Propellers: Duo
 Power (kw/hp): 5.28 / 7.1
 Weight (kg): 40



Dimensions in mm

Model	A	B	C	D	E
COMPACT RETRACT	555	388	385	185	241



VIP 150 ELECTRIC

Code: 35023

Voltage*: 12V
 Thrust (kg/lbs)**: 96 / 212
 Propellers: Duo
 Power (kw/hp): 7.1 / 9.5
 Weight (kg): 40

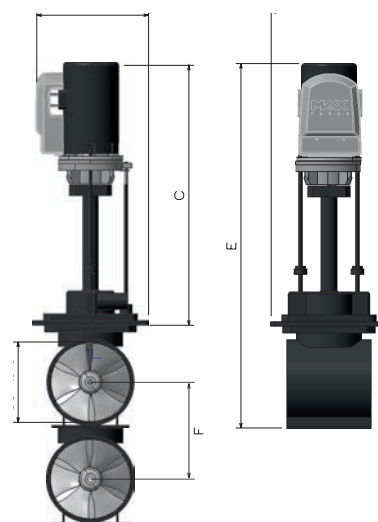
Code: 35024

Voltage*: 24V
 Thrust (kg/lbs)**: 115 / 254
 Propellers: Duo
 Power (kw/hp): 8.56 / 11.5
 Weight (kg): 40

NEW VIP 250 ELECTRIC

Code: 35043

Voltage*: 24V
 Thrust (kg/lbs)**: 145 / 319
 Propellers: Duo
 Power (kw/hp): 9.5 / 12.74
 Weight (kg): 54



* Thrusters are designed to run at 10.75V on 12V units and 22V on 24V units. Higher voltages will result in higher thrust ratings, higher power consumption, and a reduced duty cycle.

** Performance data is given for a thruster installed at an immersion depth of one tunnel's diameter, in a tunnel no longer than twice the tunnel's diameter, and this within a variation of + / - 6%. Longer tunnels will result in lower thrust ratings and higher power consumption.

Dimensions in mm

Model	A	B	C	D	E	F
VIP 150 ELECTRICAL	330	290	710	185	970	240
VIP 250 ELECTRICAL	360	360	765	250	1075	295



VIP 150 HYD

Code: 317702 - 12V control

Code: 317703 - 24V control

Max. thrust (kg/lbs)*: 120/264

Hydraulic power (kw): 10

Propellers: Duo

Weight (kg): 28



VIP 250 HYD

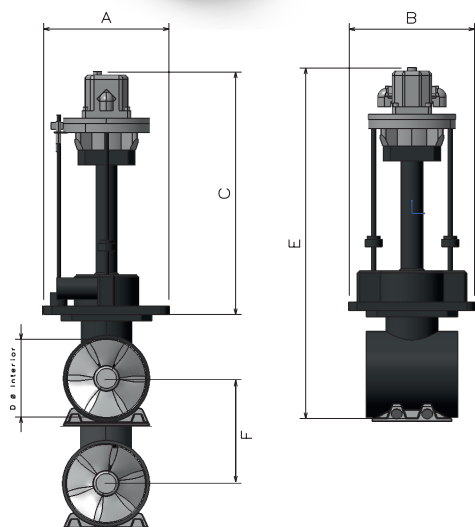
Code: 317705 - 24V control

Max. thrust (kg/lbs)*: 200 / 441

Hydraulic power (kw): 13.5

Propellers: Duo

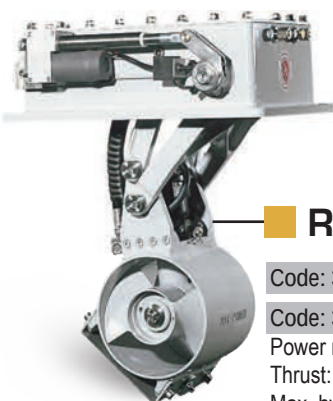
Weight (kg): 37



*Performance data is given for a thruster deployed at one tunnel diameter immersion depth, and this within a variation of + / - 6%.

Dimensions in mm

Model	A	B	C	D	E	F
VIP 150 HYD	290	290	580	185	810	240
VIP 250 HYD	360	360	620	250	950	295



R200/6 - R200/8

Code: 317801* - 24V

Code: 317802* - 24V

Power ratings (hp):

10/17

Thrust:

10 kg per kw

Max. hydraulic power (kw):

13

Hydraulic power requirements (up to):

20 lpm / 220 bar

Power pack options:

30 lpm / 250 bar

Hydraulic motor:

PTO & 24V

Opening/closing mechanism:

Piston

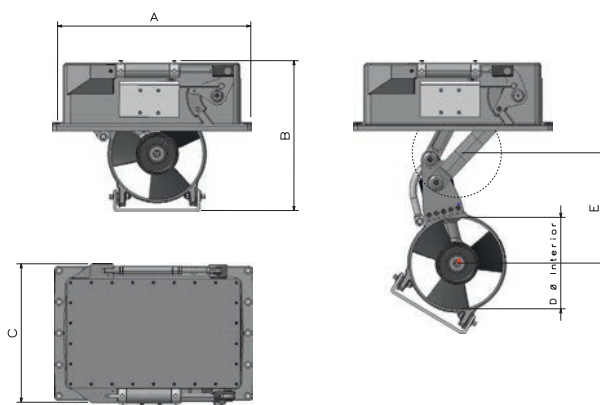
Propellers:

Electric & manual

Weight (kg):

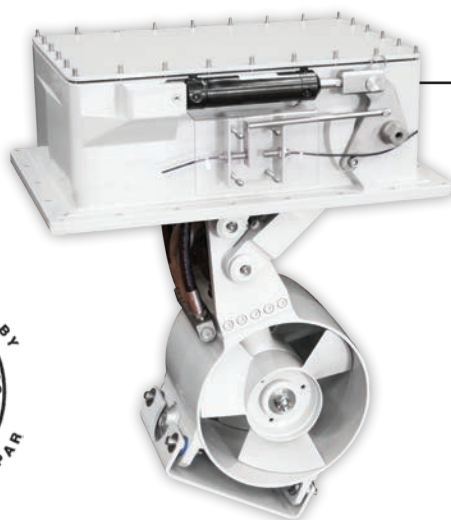
Duo, 2 blades

35



Dimensions in mm

Model	A	B	C	D	E
R 200	500	355	320	200	255
R 300	665	500	450	300	360
R 450	940	748	460	450	540
R 600	1210	967	985	600	772

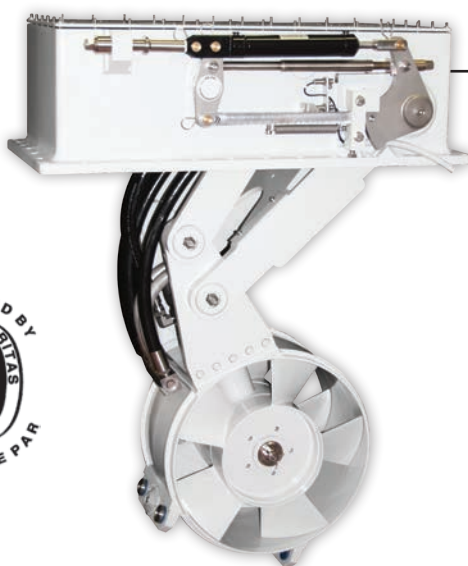


R300/15 - R300/21

Code: 317807* - 24V

Code: 317809*

Power ratings (hp):	20/34
Thrust:	11 kg per kw
Max. hydraulic power (kw):	25
Hydraulic power requirements (up to):	35 lpm / 260 bar
Power pack options:	55 lpm / 270 bar
Hydraulic motor:	PTO & 24V
Opening/closing mechanism:	Piston
Propellers:	Hydraulic & gas spring
Weight (kg):	Duo, 3 blades
	73

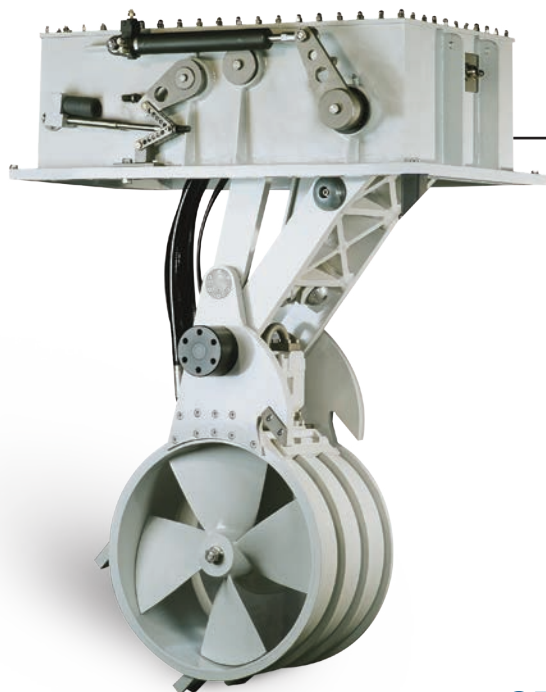


R450/34 - R450/40

Code: 317813*

Code: 317814*

Power ratings (hp):	50/77
Thrust:	11 kg per kw
Max. hydraulic power (kw):	40
Hydraulic power requirements (up to):	Upon request
Power pack options:	PTO
Hydraulic motor:	Piston
Opening/closing mechanism:	Hydraulic & gas spring
Propellers:	Duo, 5 blades
Weight (kg):	165



R600

Code: 317819*

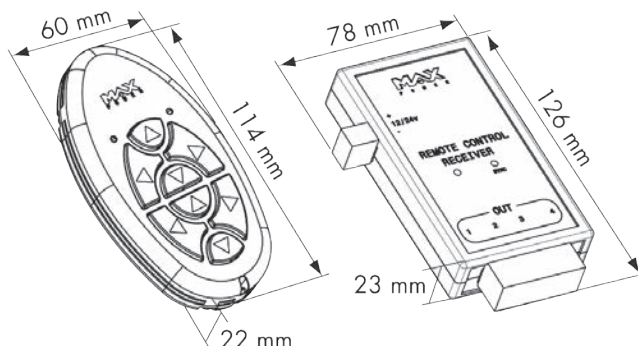
Power ratings (hp):	75/110
Thrust:	12 kg per kw
Max. hydraulic power (kw):	83
Hydraulic power requirements (up to):	Upon request
Power pack options:	PTO
Hydraulic motor:	Piston
Opening/closing mechanism:	Twin Hydraulic
Propellers:	Mono, 4 blades
Weight (kg):	320

Radio remote controls



- Transmitter rated IP 67
- Supports up to 8 independently control channels
- Each receiver can switch 4 channels (12/24V -2A)
- Each transmitter can handle 2 receivers (8 channels)

- Digital recognition avoids accidental activation of other systems
- Zero power consumption when in standby mode(transmitter)
- Easy to install and set up, simple to use



Code	312973	312974	312971	312972	312969	312970
Description	Transmitter & receiver (EU)	Transmitter & receiver (USA)	Additional receiver (EU)	Additional receiver (USA)	Spare transmitter (EU)	Spare transmitter (USA)
Frequency	868MHz	915MHz	868MHz	915MHz	868MHz	915MHz
Number of buttons (Transmitter)	8	8	-	-	8	8
Voltage	12-24Vdc (receiver)	12-24Vdc (receiver)	12-24Vdc	12-24Vdc	2pcs of 3V size CR2430	2 pcs of 3V size CR2430
Operative temperature	-10:+60	-10:+60	-10:+60	-10:+60	-10:+60	-10:+60
IP protection rated (transmitter)	67	67	-	-	67	67
Max contacts amperage(A), (Receiver)	2	2	2	2	2	2
Weight(gr)	310	310	100	100	85	85
Dimension(mm)	114x60x22 (transmitter) 126x78x23 (receiver)	114x60x22 (transmitter) 126x78x23 (receiver)	126x78x23	126x78x23	114x60x22	114x60x22

* 868 MHz is the authorised frequency for Europe and Australia. 915 MHz is the authorised frequency for Canada and the USA. Retail sales and use of non-authorised frequency transmitters and receivers is prohibited. For all other countries please consult the local regulation in force.



Touch Panel

Code: 318200 - Black
Code: 318201 - Grey

Compatible with:
All tunnel thrusters



Joystick Simple

Code: 318202 - Black
Code: 318203 - Grey

Compatible with:
All tunnel thrusters



Joystick Double

Code: 318204 - Black
Code: 318205 - Grey

Compatible with:
All tunnel thrusters



Joystick

Code: 318206 - Black
Code: 318224 - Grey

Compatible with:
Compact Retract
all VIP &
R200



Touch Panel Double

Code: 318233 - Black

Compatible with:
All retractable thrusters,
in combination with
318204 - 318205 - 318234



Joystick

Code: 318226 - Black

Compatible with:
R300 & R450



Control Panel Boat

Code: 318234 - Black

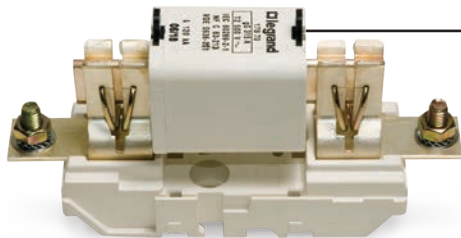
Accessories

Marine Cable, Single & Twin core, Tinned:

Code	Description	Sectional Area (mm ²)	Temperature (°C)	Overall Diameter (mm)	Meters per reel	Uses
70351	Marine Cable, Single core, Tinned, 1x1,5mm ² , black	1,5	≤ 105	3	100	Indoor & Outdoor Lighting / Navigation Lights
70352	Marine Cable, Single core, Tinned, 1x1,5mm ² , red	1,5		3	100	
70353	Marine Cable, Single core, Tinned, 1x2,5mm ² , black	2,5		3.6	100	
70354	Marine Cable, Single core, Tinned, 1x2,5mm ² , red	2,5		3.6	100	
70355	Marine Cable, Single core, Tinned, 1x6mm ² , black	6		5	100	Medium Load Appliances / e.g Refrigerator
70356	Marine Cable, Single core, Tinned, 1x6mm ² , red	6		5	100	
70359	Marine Cable, Single core, Tinned, 1x16mm ² , black	16		10	50	Battery connections / Anchor Winch Supply
70360	Marine Cable, Single core, Tinned, 1x16mm ² , red	16		10	50	
70361	Marine Cable, Single core, Tinned, 1x25mm ² , black	25		11.5	50	
70362	Marine Cable, Single core, Tinned, 1x25mm ² , red	25		11.5	50	
70363	Marine Cable, Single core, Tinned, 1x35mm ² , black	35		13	50	
70364	Marine Cable, Single core, Tinned, 1x35mm ² , red	35		13	50	
70365	Marine Cable, Single core, Tinned, 1x50mm ² , black	50		15	30	
70366	Marine Cable, Single core, Tinned, 1x50mm ² , red	50		15	30	
70367	Marine Cable, Single core, Tinned, 1x70mm ² , black	70		17	30	Small loads / e.g. Lighting, small bilge pumps
70370	Marine Cable, Single core, Tinned, 1x70mm ² , red	70		17	30	
70371	Marine Cable, Single core, Tinned, 1x95mm ² , black	95		20	30	
70372	Marine Cable, Single core, Tinned, 1x95mm ² , red	95		20	30	
70368	Marine Cable, Twin core, Tinned 2x1,5mm ² , black	1,5		7	100	Small loads / e.g. Lighting, small bilge pumps
70369	Marine Cable, Twin core, Tinned 2x2,5mm ² , black	2,5		9.4	100	

Command cables, linking the controller (ie Joystick) to the thruster's control box:

Code	Description	Sectional Area (mm ²)	Temperature (°C)	Overall Diameter (mm)	Meters per reel	Uses
312781	Max Power Cable 6x0,5mm ² (Tunnel Thruster)	0,5			25	All Tunnel Thrusters (CT)
312948	Max Power Cable 10x0,5mm ² (VIP, Compact & R-series)	0,5	-	-	25	All Retractable Thrusters (VIP, Compact Retract & R-series)



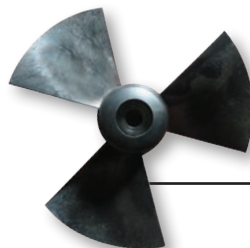
Fuses (electric tunnel and retractable thrusters)

Thruster model	CT35/45	CT60	CT80 / C. Retract	CT60 / CT80 / C. Retract	CT100 / VIP150	CT125 / VIP150	CT165 / 225	CT300 / 325
Voltage	12 V	12 V	12 V	24 V	12 V	24 V	24 V	24 V
Amp	125 A	160 A	200 A	125 A	315 A	200 A	250 A	400 A
Fuse	35021	35019	35020	35021	35022	35020	35027	35028
Fuse holder	35017	35017	35017	35017	35018	35017	35018	35018
Extraction handle	312882 (for all models)							



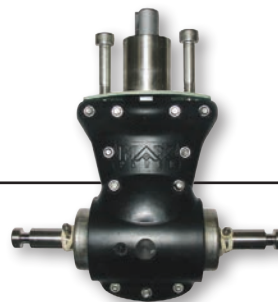
Electric battery isolator

Code	318400	318401
Accessory	Electric battery isolator	Electric battery isolator
Voltage	12 V	24 V



Propellers

Code	35041	35040	35042	313810	35033
Thruster Model	CT35 / 45	CT60 / 80 / 100 / 125 VIP 150 & Compact retract	CT165 / 225 & VIP 250	CT300	CT325
Diameter (mm)	Ø 125	Ø 185	Ø 250	Ø 300	Ø 315
Colour	Grey	Grey	Grey	Black	Black



Legs

Code	315318	310376	35034	315321	35035	315388	315324	315411
Thruster model	CT35	CT45	CT60	CT165 / 225	CT80 / 100 / 125	CT300	CT325	CT325
Construction	Composite					Bronze		Aluminium
Diameter (mm)	Ø 125	Ø 125	Ø 185	Ø 250	Ø 185	Ø 300	Ø 315	Ø 315
Propellers	Mono	Duo	Mono	Duo	Duo	Duo	Duo	Duo



Mounting bases

Code	311362	35025	311303	313760	35026	635663
Description	Aluminium flange			GRP Mounting Base		
Suitable for	Compact Retract	VIP 150	VIP 250	Compact Retract	VIP 150	VIP 250



GRP tunnels



Stern adapters



Cowls

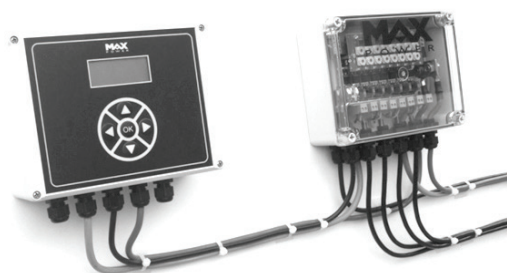
Thruster model	CT35/45	CT60/80/100/125	CT165/225	CT 300	CT325
Tunnel diameter	125 mm	185 mm	250 mm	300 mm	315 mm
Tunnel length	Reference				
500 mm	42546	-	-	-	-
750 mm	42547	42549	-	-	-
1000 mm	313804	42550	42553	-	-
1250 mm	313809	-	-	-	-
1500 mm	-	42551	42554	313811	35004
2000 mm	-	-	-	313812	42557
2500 mm	42548	42552	42555	-	-
Stern adaptors	315389	315392	315395	-	35015
Stern adaptor fixation kit	35016 (for all models)				
Stern adaptor cowls	315398	315399	315400	-	-

Integrated hydraulic systems

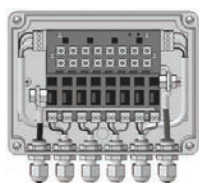


Code	316511	317908	317909	317907
Motor	1 x 8 KW	2 x 8 KW	1 x 13 KW	2 x 13 KW
Settings	3	6	3	6
Flow range	10 < 30 lt/min	10 < 60 lt/min	10 < 30 lt/min	10 < 60 lt/min
Pressure	140 < 214 bar			
Weight	35 kg	76 kg	39 kg	83 kg

Can Bus System

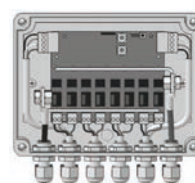


It is built using a modular construction incorporated 4 main types of control Modules these are as follows:



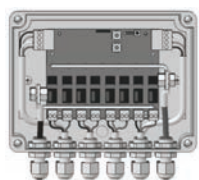
IN/OUT Control Module

Code....312714



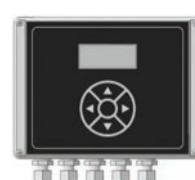
DC PUMP Control Module

Code....635828



PTO Control Module

Code....636009



Main Control Module

Code....313359

When a hydraulic function is called, depending if the system is running on DC or PTO POWER, a specific sequence of valves & solenoids need to be energised. It is the electrical control system that does this in the correct order & with the correct timing.

X1 500W / 700W / 1000W



Main features

- Luxury chrome bronze base and drum
- With drum or Low profile
- Independent Gypsy and drum operation
- Rope and chain combination Gypsy
- Manual chain release
- Rope chain management by the spring loaded arm
- Chain counter magnet pre-installed as standard
- IP67 rated heavy duty electric motor
- Anodised marine aluminium gearbox



With Drum

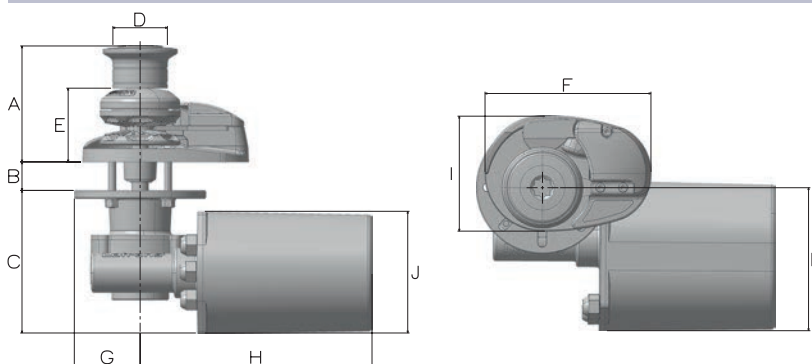


Low profile

Construction	Aluminium		Chromed bronze	
Motor size	500 W	500 W	800 W	1000 W
Power Supply (V)	12	12	12	12
Maximum Pull (kg)	630	630	700	900
Working load (kg)	70	70	80	120
Amps at Working Load (A)	75	75	80	120
Line Speed at Working Load (m/min)	23	23	25	18
Max Line Speed (m/min)	26	26	28	30
Net Weight Low Profile (kg)	10	11	13	16
Net Weight with Drum (kg)	11	12	14	17
Circuit Breaker (available separately)	187331	187331	187332	187333
Control Box	Included in package			

X1			Code	Code	Code	Code
With Drum	6 mm, ISO 4565 / DIN 766	10-12 mm, 3-strand	409558	472881	473207	*
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	*	187270	473003	600092
Low Profile	6 mm, ISO 4565 / DIN 766	10-12 mm, 3-strand	409557	472880	473217	*
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	*	187269	473002	600093

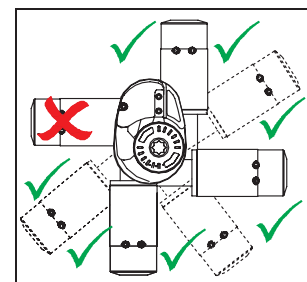
Dimensions in mm



Model	A	B	C	D	E*	F	G	H	I	J	L
500W	130	10-30	111	Ø60	84	183	56	236	127	105	132
800W	130	10-30	111	Ø60	84	183	56	236	127	105	132
1000W	130	10-30	150	Ø60	84	183	62	256	127	134	165

*Low Profile height dimensions.

Installation positions



Standard Equipment:

- Dual direction solenoid pack
- Handle
- Gypsy for chain
- CD / Instruction manual

X2 700W / 800W / 1000W / 1500W



Low profile

With Drum

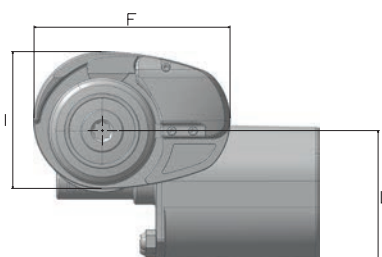
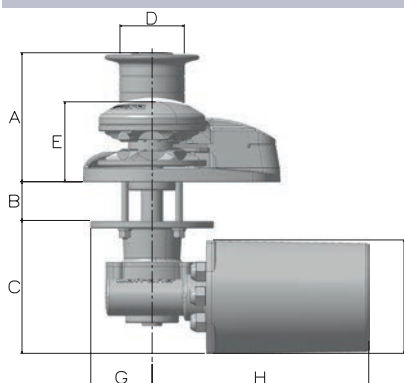
Main features

- Luxury chrome bronze base and drum
- Special watertight stainless steel ball bearing in the base
- With drum or Low profile
- Independent Gypsy and drum operation
- Rope and chain combination Gypsy
- Manual chain release
- Manual override available for chromed bronze models only
- Rope chain management by the spring loaded arm
- Chain counter magnet pre-installed as standard
- IP67 rated heavy duty electric motor
- Anodised marine aluminium gearbox

Construction	Aluminium						Chromed bronze							
Motor size	800W	700W	1000 W		1500 W		800W	700W	1000 W		1500 W			
Power Supply (V)	12	24	12	24	12	24	12	24	12	24	12	24		
Maximum Pull (kg)	750	750	1000	1060	1200	1250	850	850	1000	1060	1200	1250		
Working load (kg)	80	80	165	165	190	190	80	80	165	165	190	190		
Amps at Working Load (A)	90	45	135	70	150	75	90	45	135	70	150	75		
Line Speed at Working Load (m/min)	26	26	20	23	17	19	26	26	20	23	17	19		
Max Line Speed (m/min)	35	35	40	40	40	40	35	35	40	40	40	40		
Net Weight Low Profile (kg)	18	18	19	23	24	24	21	21	23	23	24	24		
Net Weight with Drum (kg)	19	19	20	24	25	25	23	23	24	24	25	25		
Circuit Breaker (available separately)	187332	187331	187333	187332	187333	187332	187332	187331	187333	187332	187333	187332		
Control Box	Included in package													

			Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code
With Drum	6 mm, ISO 4565 / DIN 766	-	600044	*	600049	*	*	*	600046	601022	600997	*	*	*
	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	472735	*	472751	472750	600057	600061	472862	601024	473212	473255	*	*
	10 mm, DIN 766	-	*	*	*	*	*	601068	*	*	602096	473227	187274	187276
	10 mm, ISO 4565	-	*	*	600053	*	600056	600060	*	*	472863	*	601013	601044
Low Profile	6 mm, ISO 4565 / DIN 766	-	600045	602111	600050	*	*	*	600047	601016	600989	*	*	*
	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	472558	*	472557	*	*	601065	472861	601018	473213	600054	*	*
	10 mm, DIN 766	-	*	*	*	*	601055	601067	*	*	602097	473226	187273	601041
	10 mm, ISO 4565	-	*	*	57450	*	601054	601066	*	*	472864	478642	601008	602529

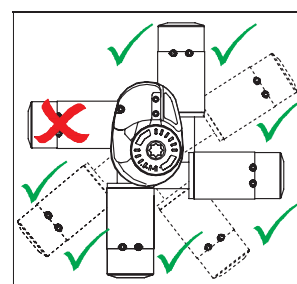
Dimensions in mm



*Low Profile height dimensions.

Model	A	B	C	D	E*	F	G	H	I	J	L
700W-800W	153	25-40	155	Ø76	95	232	73	260	162	134	165
1000W	153	25-40	155	Ø76	95	232	73	260	162	134	165
1500W	153	25-40	155	Ø76	95	232	73	260	162	134	165

Installation positions



Standard Equipment:

- Dual direction solenoid pack
- Handle
- Gypsy for chain
- CD / Instruction manual

PROJECT 1000 1000W



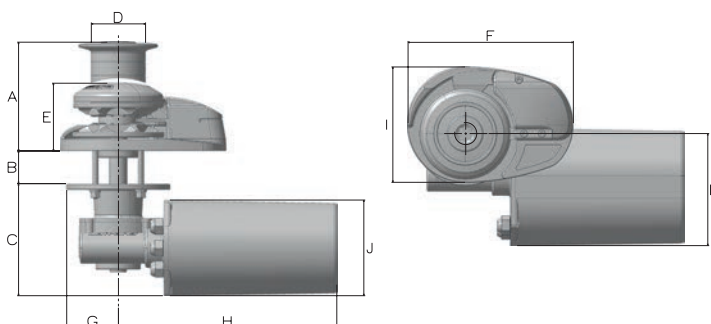
Main features

- Luxury chrome bronze base and drum
- Special watertight stainless steel ball bearing in the base
- With drum or Low profile
- Independent Gypsy and drum operation
- Rope and chain combination Gypsy
- Manual chain release
- Manual override
- Rope chain management by the spring loaded arm
- Chain counter magnet pre-installed as standard
- Heavy duty two speed built in solenoids IP67 rated electric motor
- Anodised marine aluminium gearbox

Construction	Chromed bronze	
Motor size	1000 W	
Power Supply (V)	12	24
Maximum Pull (kg)	1000	1060
Working load (kg)	165	165
Amps at Working Load (A)	135	70
Line Speed at Working Load (m/min)	22	25
Max Line Speed (m/min)	50	50
Net Weight Low Profile (kg)	22	22
Net Weight with Drum (kg)	24	24
Circuit Breaker (available separatly)	187333	187332
Control Box	Build in	

PROJECT 1000			Code	Code
With Drum	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	220159	478645
	10 mm, DIN 766	-	602092	471023
	10 mm, ISO 4565	-	428419	*
Low Profile	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	220153	*
	10 mm, DIN 766	-	602093	473280
	10 mm, ISO 4565	-	471022	*

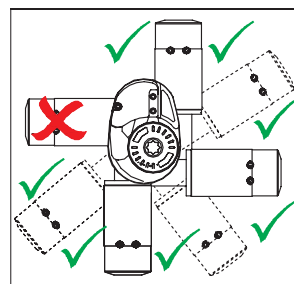
Dimensions in mm



Model	A	B	C	D	E*	F	G	H	I	J	L
1000W	153	25-40	155	Ø76	95	232	73	306	162	134	165

*Low Profile height dimensions.

Installation positions



Standard Equipment:

- Handle
- Gypsy for chain
- CD / Instruction manual



X3 1500W / 1700W



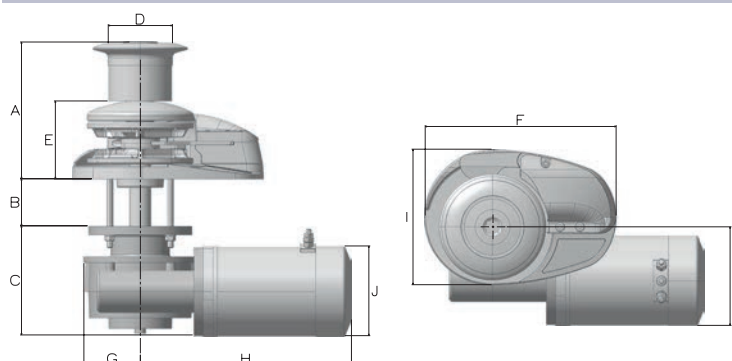
Main features

- Luxury chrome bronze base and drum
- With drum or Low profile
- Independent Gypsy and drum operation
- Rope and chain combination Gypsy
- Manual chain release
- Manual override available for chromed bronze models only
- Rope chain management by the spring loaded arm
- Chain counter magnet pre-installed as standard
- IP66 rated heavy duty electric motor
- Anodised marine aluminium gearbox

Construction	Aluminium	Chromed bronze		
Motor size	1700W	1500W	1700 W	
Power Supply (V)	12	12	12	24
Maximum Pull (kg)	1600	1200	1600	1695
Working load (kg)	270	190	270	270
Amps at Working Load (A)	180	150	180	90
Line Speed at Working Load (m/min)	14	17	14	15
Max Line Speed (m/min)	32	40	32	32
Net Weight Low Profile (kg)	32	32	35	35
Net Weight with Drum (kg)	35	35	38	38
Circuit Breaker (available separately)	187334	187333	187334	187332
Control Box	Included in package			

X3			Code	Code	Code	Code
With Drum	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	57451	601079	600064	600068
	10 mm, DIN 766	16 mm, 3-strand	57452	*	602101	602103
	10 mm, ISO 4565	16 mm, 3-strand	*	472865	473208	473252
	12 mm, ISO 4565 / 13mm, DIN 766	18 mm, 3-strand	57453	601084	473004	473005
Low Profile	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	601128	601070	600065	*
	10 mm, DIN 766	16 mm, 3-strand	*	*	602102	602104
	10 mm, ISO 4565	16 mm, 3-strand	601129	472866	473209	473256
	12 mm, ISO 4565 / 13mm, DIN 766	18 mm, 3-strand	*	601075	472842	473006

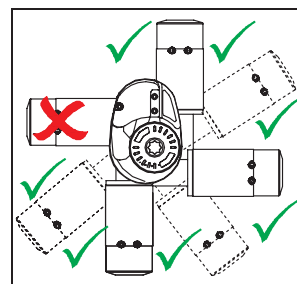
Dimensions in mm



*Low Profile height dimensions.

Model	A	B	C	D	E*	F	G	H	I	J	L
1500W	195	50-70	155	Ø92	110	270	80	255	192	134	145
1700W	195	50-70	155	Ø92	110	270	80	300	192	Ø127	140

Installation positions



Standard Equipment:

- Dual direction solenoid pack
- Handle
- Gypsy for chain
- CD / Instruction manual

PROJECT 1500 1000W



With Drum



Low profile

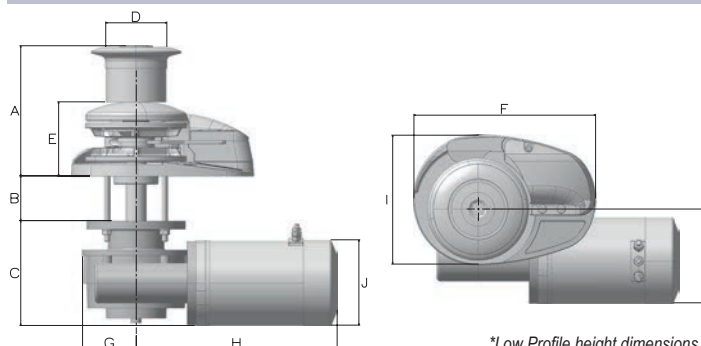
Main features

- Luxury chrome bronze base and drum
- With drum or Low profile
- Independent Gypsy and drum operation
- Rope and chain combination Gypsy
- Manual chain release
- Manual override
- Rope chain management by the spring loaded arm
- Chain counter magnet pre-installed as standard
- Heavy duty two speed built in solenoids IP66 rated electric motor
- Anodised marine aluminium gearbox

Construction	Chromed bronze	
Motor size	1500 W	
Power Supply (V)	12	24
Maximum Pull (kg)	1600	1695
Working load (kg)	270	270
Amps at Working Load (A)	180	90
Line Speed at Working Load (m/min)	14	15
Max Line Speed (m/min)	32	32
Net Weight Low Profile (kg)	36	36
Net Weight with Drum (kg)	39	39
Circuit Breaker (available separately)	187333	187332
Control Box	Build in	

PROJECT 1500			Code	Code
With Drum	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	187312	600593
	10 mm, DIN 766	16 mm, 3-strand	602094	602091
	10 mm, ISO 4565	16 mm, 3-strand	472400	187314
	12 mm, ISO 4565 / 13mm, DIN 766	18 mm, 3-strand	600588	187316
Low Profile	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	187311	600591
	10 mm, DIN 766	16 mm, 3-strand	602095	602090
	10 mm, ISO 4565	16 mm, 3-strand	472401	187313
	12 mm, ISO 4565 / 13mm, DIN 766	18 mm, 3-strand	474003	187315

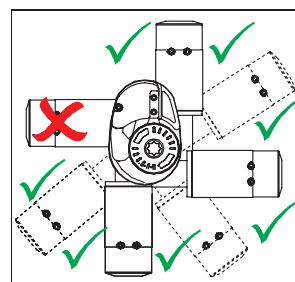
Dimensions in mm



*Low Profile height dimensions.

Model	A	B	C	D	E*	F	G	H	I	J	L
1500W	195	50-70	155	Ø92	110	270	80	365	192	Ø127	145

Installation positions



Standard Equipment:

- Handle
- Gypsy for chain
- CD / Instruction manual



X3.5 1700W / 2000W / 2300W / 2700W



Main features

- Luxury stainless steel base and drum
- With drum or Low profile
- Independent Gypsy and drum operation
- Manual chain release
- Chain counter magnet pre-installed as standard
- Anodised marine aluminium gearbox
- Heavy duty electric motor

With Drum

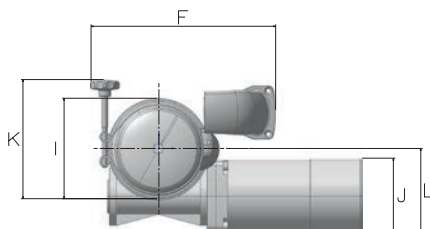
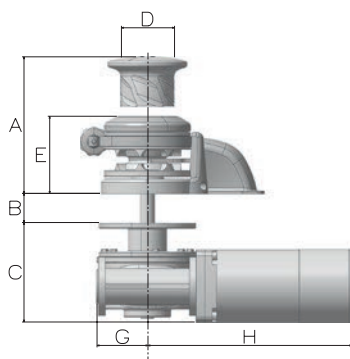
Low profile

Construction	316 L Stainless Steel			
Motor size	1700 W		2300 W	2700W
Power Supply (V)	12	24	24	24
Maximum Pull (kg)	1700	1700	1900	2000
Working load (kg)	270	270	330	400
Amps at Working Load (A)	185	95	180	210
Line Speed at Working Load (m/min)	15	16	16	16
Max Line Speed (m/min)	37	37	35	35
Net Weight Low Profile (kg)	50	50	60	60
Net Weight with Drum (kg)	48	48	58	58
Circuit Breaker (available separately)	187334	187332	187333	187333
Control Box	Included in package			

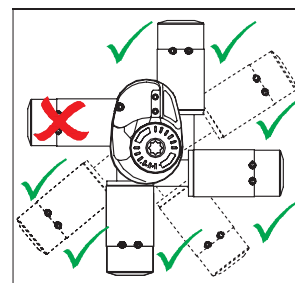
X3,5		Code	Code	Code	Code
With Drum	10 mm, ISO 4565	600084	600085	*	*
	12 mm, ISO 4565 / 13mm, DIN 766	600086	600087	600088	*
	14 mm	*	*	*	600090
Low Profile	12 mm, ISO 4565 / 13mm, DIN 766	635984	635985	635986	*



Dimensions in mm



Installation positions



Standard Equipment:

- Handle
- Gypsy for chain
- CD / Instruction manual

Model	A	B	C	D	E*	F	G	H	I	J	K	L
1700W	281	40-60	208	Ø110	160	380	80	300	Ø210	Ø127	236	140
2300W	281	40-60	208	Ø110	160	380	105	420	Ø210	Ø150	236	175
2700W	281	40-60	208	Ø110	160	380	105	420	Ø210	Ø150	236	175

*Low Profile height dimensions.



X4 2300W / 2700W / 3000W / Hydraulic - 8cc



Main features

- Luxury chrome bronze base and drum
- With drum or Low profile
- Independent Gypsy and drum operation
- Manual chain release
- Manual override
- Chain counter magnet pre-installed as standard
- Anodised marine aluminium gearbox
- Heavy duty electric motor

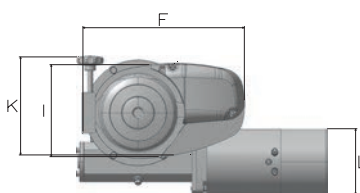
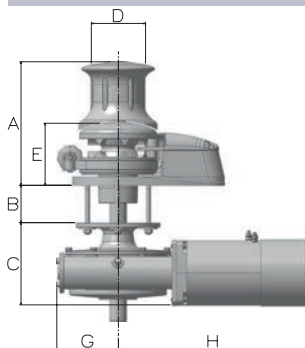
With Drum

Low profile

Construction	Chromed bronze		
Motor size	2300 W	2700W	Hydraulic - 8cc
Power Supply (V)	24	24	-
Maximum Pull (kg)	2100	2500	2500
Working load (kg)	500	530	650
Amps at Working Load (A)	160	170	-
Line Speed at Working Load (m/min)	13	13	16
Max Line Speed (m/min)	25	28	16
Net Weight Low Profile (kg)	72	75	55
Net Weight with Drum (kg)	82	85	60
Hydraulic Pressure (bar)	-	-	200
Hydraulic Flow (lt/min)	-	-	32
Circuit Breaker (available separately)	187333	-	-
Control Box	Included in package		-

X4		Type**	Code	Code	Code
With Drum	10 mm, ISO 4565	cw	600073	*	*
	12 mm, ISO 4565 / 13mm, DIN 766	cw	473007	600075	602361
	14 mm	cw	*	472849	602362
	12 mm, ISO 4565 / 13mm, DIN 766	ccw	600074	*	602363
	14 mm	ccw	*	*	602364
Low Profile	12 mm, ISO 4565 / 13mm, DIN 766	ccw	601142	601159	*

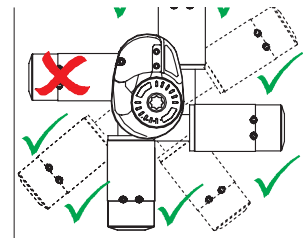
Dimensions in mm



*Low Profile height dimensions.

Model	A	B	C	D	E*	F	G	H	I	J	K	L
2300W	285	60-130	200	Ø125	150	380	140	449	220	Ø152	240	190
2700W	285	60-130	200	Ø125	150	380	140	449	220	Ø152	240	190
3000W	285	60-130	200	Ø125	150	380	140	449	220	Ø152	240	190

Installation positions



Standard Equipment:

- Dual direction solenoid pack
- Handle
- Gypsy for chain
- CD / Instruction manual

PROJECT 2000 2000W



With Drum

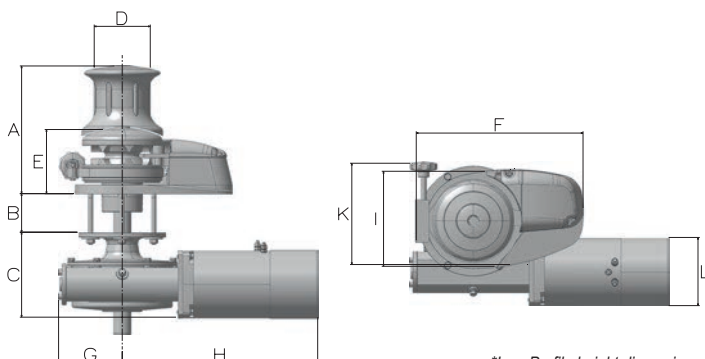
Main features

- Luxury chrome bronze base and drum
- Special watertight stainless steel ball bearing in the base
- With drum or Low profile
- Independent Gypsy and drum operation
- Manual chain release
- Manual override available for chromed bronze models only
- Chain counter magnet pre-installed as standard
- Anodised marine aluminium gearbox
- Heavy duty two speed built in solenoids electric motor

Construction	Chromed bronze
Motor size	2000 W
Power Supply (V)	24
Maximum Pull (kg)	2100
Working load (kg)	500
Amps at Working Load (A)	160
Line Speed at Working Load (m/min)	13
Max Line Speed (m/min)	25
Net Weight Low Profile (kg)	76
Net Weight with Drum (kg)	86
Circuit Breaker	187333
Control Box	Build in

PROJECT 2000		Code
With Drum	12 mm, ISO 4565 / 13mm, DIN 766	472749
	14 mm	473010
Low Profile	10 mm, DIN 766	600599
	10 mm, ISO 4565	600598
	12 mm, ISO 4565 / 13mm, DIN 766	472748

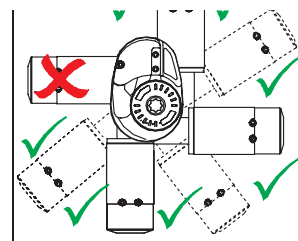
Dimensions in mm



*Low Profile height dimensions.

Model	A	B	C	D	E*	F	G	H	I	J	K	L
2000W	285	60-130	200	Ø125	150	380	140	499	220	Ø152	240	190

Installation positions



Standard Equipment:

- Handle
- Gypsy for chain
- CD / Instruction manual

X5 3000W / Hydraulic



With Drum



Chain pipe

Main features

- Luxury stainless steel base and drum
- Independent Gypsy and drum operation
- Manual chain release
- Manual override
- Chain counter magnet pre-installed as standard
- Anodised marine aluminium gearbox
- Heavy duty electric motor

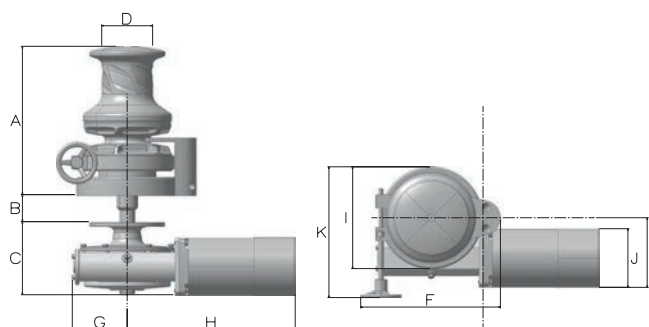
Standard Equipment:

- Dual direction solenoid pack
- Handle
- Gypsy for chain
- CD / Instruction manual

Construction	316 L Stainless Steel	
Motor size	3000 W	Hydraulic - 8cc
Power Supply (V)	24	-
Maximum Pull (kg)	2700	2700
Working load (kg)	550	650
Amps at Working Load (A)	210	-
Line Speed at Working Load (m/min)	17	21
Max Line Speed (m/min)	33	21
Net Weight with Drum (kg)	100	85
Hydraulic Pressure (bar)	-	200
Hydraulic Flow (lt/min)	-	32
Control Box	Included in package	

X5		Code	Code
With Drum	12 mm, ISO 4565 / 13mm, DIN 766	600089	602389
	14 mm	600091	602390

Dimensions in mm



Model	A	B	C	D	F	G	H	I	J	K	L
3000W	385	60-90	200	Ø132	365	152	449	264	Ø152	339	190



ERCOLE VERTICAL

3500W / 4000W / 5500W / Hydraulic - 11cc

Main features are:

- Under-deck compact dimensions.
- Construction in mirror polished AISI 316L stainless steel.
- High torque latest generation electric motor able to provide the power needed in all marine conditions.
- Band brake to assist in chain control, thanks to an easy-to-manage large hand-wheel.
- Special high-grip drum with independent rotation from the Gypsy, for warping function.
- Independent Gypsy and drum operation
- Manual chain release
- Manual override to recover the chain and anchor in case of electrical failure.
- Internal ratchet to prevent chain jams into the chain cocker which could damage the deck.
- Chain counter support integrated by the sensor inserted in the base and the magnet in the Gypsy.
- Available also in counter clockwise rotation.
- High efficiency Lofrans planetary - worm screw gearbox made in anodized black aluminium with gears made in high mechanical strength material.
- Heavy duty electric motor
- Power: DC, AC and hydraulic
- Available in custom versions.

Construction	316 L Stainless Steel			
Motor size	3500 W	4000 W	5500 W	Hydraulic - 11cc
Power Supply (V)	24	230-400	230-400	-
Maximum Pull (kg)	4500	4500	5000	5000
Working load (kg)	1000	1000	1200	1200
Amps at Working Load (A)	240	-	-	-
Line Speed at Working Load (m/min)	12	13	13	14
Max Line Speed (m/min)	20	13	13	14
Net Weight with Drum (kg)	180	180	200	165
Hydraulic Pressure (bar)	-	-	-	200
Hydraulic Flow (lt/min)	-	-	-	40
Control Box	Included in package	Switchboard available separately		-

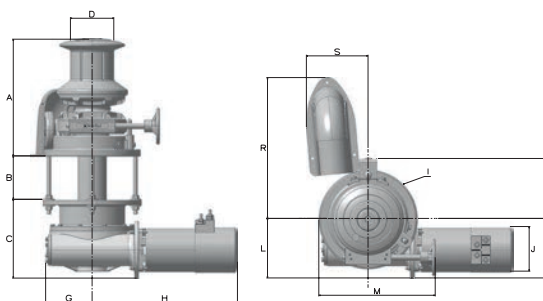
ERCOLE VERTICALE		Type**	Code	Code	Code	Code
With Drum	14 mm	CW	600080	600082	*	602523
	16 mm	CW	*	*	600409	602525
	14 mm	CCW	600081	600083	*	602524
	16 mm	CCW	*	*	600408	602526



Chain pipe or roller

Standard Equipment:

- Dual direction solenoid pack (only for 24V version)
- Handle
- Gypsy for chain
- CD / Instruction manual



Dimensions in mm

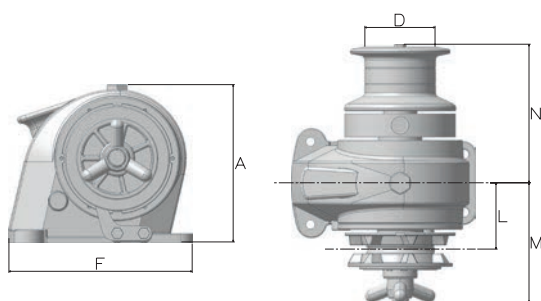
Model	A	B	C	D	G	H	I	J	L	M	N	P	R	S
3500W														
4000W	400	150	272	150	160	502	340	Ø 158	205	405	220	205	min 490 - max 600	min 200 - max 230
5500W														

Horizontal Windlasses



With Drum

Dimensions in mm



Model	A	D	F	L	M	N
Manual	192	Ø85	222	80	145	167

ROYAL Manual

Main features

- Marine aluminium anodised body
- Independent Gypsy and drum operation
- Manual chain release
- Manual override



Construction	Anodised Aluminium
Motor size	MANUAL
Power Supply (V)	-
Maximum Pull (kg)	400
Working load (kg)	70
Amps at Working Load (A)	-
Line Speed at Working Load (m/min)	-
Max Line Speed (m/min)	-
Net Weight with Drum (kg)	10

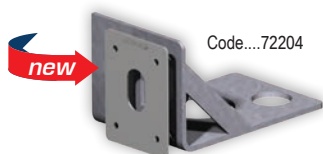
ROYAL		Code
With Drum	6 mm, ISO 4565 / DIN 766	187323
	7 mm, ISO 4565	600625
	8 mm, ISO 4565 / DIN 766	404725
	10 mm, DIN 766	600079
	10 mm, ISO 4565	220002



Low profile

Main features

- Marine alluminium anodised body
- Manual chain release
- Rope chain management by the spring load arm
- Heavy duty rated IP66 electric motor
- Automatic free fall available as option



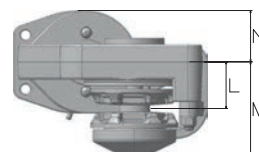
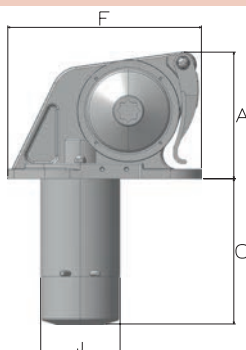
Stern windlass support, SS316, with roller & flange

DORADO 500W / 800W

Construction	Anodised Aluminium	
Motor size	500 W	800 W
Power Supply (V)	12	12
Maximum Pull (kg)	600	650
Working load (kg)	70	80
Amps at Working Load (A)	65	80
Line Speed at Working Load (m/min)	18	20
Max Line Speed (m/min)	24	25
Net Weight Low Profile (kg)	10	11
Circuit Breaker (available separately)	187331	187332
Control Box	Included in package	

DORADO			Type	Code	Code
Low Profile	6 mm, ISO 4565	10-12 mm, 3-strand	Port	409568	600048
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	Port	*	409569

Dimensions in mm

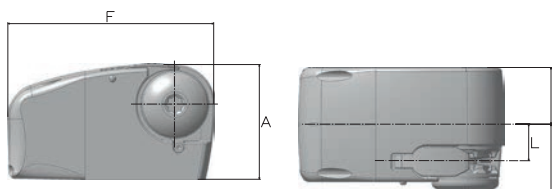


Model	A	C	F	J	L	M	N
500W	130	152	200	Ø80	48	98	53
800W	130	164	200	Ø80	48	98	53



Low profile

Dimensions in mm



Model	A	F	L	M	N
600W	153	272	50	93	75

ATLAS 600W

Main features

- Marine alluminium anodised body
- Available in white polyester coating
- Manual chain release
- Rope chain management by the spring load arm
- Chain counter magnet pre-setting as standard
- Heavy duty rated IP66 electric motor



Construction	Anodised Aluminium	
Motor size	600 W	
Power Supply (V)	12	
Maximum Pull (kg)	575	
Working load (kg)	80	
Amps at Working Load (A)	90	
Line Speed at Working Load (m/min)	16	
Max Line Speed (m/min)	28	
Net Weight Low Profile (kg)	11	
Circuit Breaker (available separately)	187332	
Control Box	Built in	

ATLAS			Code
Low Profile	6 mm, ISO 4565	10-12 mm, 3-strand	600023
	7 mm, ISO 4565	12 mm, 3-strand	600024
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	600025


Main features

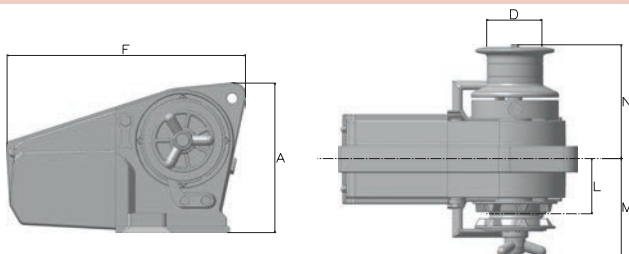
- Marine alluminium anodised body
- Independent Gypsy and drum operation
- Manual chain release
- Manual override
- Heavy duty rated IP66 electric motor
- Automatic free fall available as option

CAYMAN 700W / 1000W

Construction	Anodised Aluminium		
Motor size	700 W	1000 W	
Power Supply (V)	12	12	24
Maximum Pull (kg)	1000	1250	1325
Working load (kg)	100	170	170
Amps at Working Load (A)	110	150	80
Line Speed at Working Load (m/min)	21	16	17
Max Line Speed (m/min)	32	32	33
Net Weight with Drum (kg)	24	25	25
Circuit Breaker (available separately)	187332	187333	187332
Control Box	Included in package		

CAYMAN		Code	Code	Code
With Drum	6 mm, ISO 4565 / DIN 766	600043	*	*
	8 mm, ISO 4565 / DIN 766	220273	220279	*
	10 mm, ISO 4565	*	419732	*
	10 mm, DIN 766	*	600165	600180

Dimensions in mm



Model	A	D	F	L	M	N
700W	230	Ø85	370	85	150	175
1000W	230	Ø85	370	85	150	175


Main features

- Marine alluminium anodised body
- Independent Gypsy and drum operation
- Manual chain release
- Manual override
- Heavy duty rated IP66 electric motor
- Automatic free fall available as option

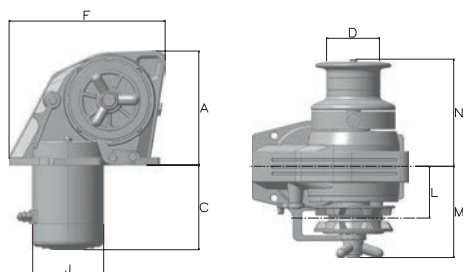


KOBRA 1000W

Construction	Anodised Aluminium	
Motor size	1000 W	
Power Supply (V)	12	24
Maximum Pull (kg)	1250	1325
Working load (kg)	170	170
Amps at Working Load (A)	150	80
Line Speed at Working Load (m/min)	16	17
Max Line Speed (m/min)	32	33
Net Weight with Drum (kg)	21	21
Circuit Breaker (available separately)	187333	187332
Control Box	Included in package	

KOBRA		Code	Code
With Drum	6 mm, ISO 4565 / DIN 766	600051	600513
	8 mm, ISO 4565 / DIN 766	220260	600514
	10 mm, DIN 766	600052	471734
	10 mm, ISO 4565	428747	220420

Dimensions in mm



Model	A	C	F	D	J	L	M	N
1000W	184	136	250	Ø85	Ø114	83	147	172

TIGRES 1500W



Main features

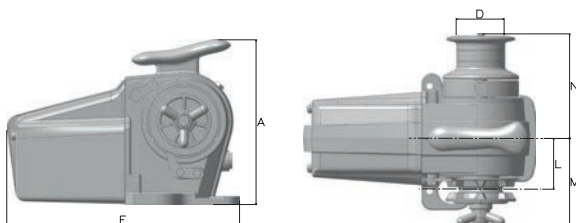
- Marine alluminium anodised body
- Available in white polyester coating
- Independent Gypsy and drum operation
- Manual chain release
- Manual override
- Heavy duty rated IP66 electric motor
- Automatic free fall available as option



Construction	Anodised Aluminium	
Motor size	1500 W	
Power Supply (V)	12	24
Maximum Pull (kg)	1350	1400
Working load (kg)	195	195
Amps at Working Load (A)	160	90
Line Speed at Working Load (m/min)	14	16
Max Line Speed (m/min)	33	33
Net Weight with Drum (kg)	28	28
Circuit Breaker (available separately)	187333	187332
Control Box	Included in package	

TIGRES		Code	Code
With Drum	8 mm, ISO 4565 / DIN 766	418407	418409
	10 mm, DIN 766	600055	600059
	10 mm, ISO 4565	470060	220290

Dimensions in mm



Model	A	D	F	L	M	N
1500W	290	Ø85	415	90	155	185



Main features

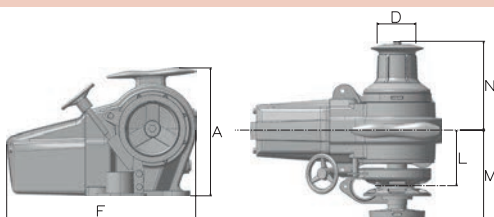
- Marine alluminium anodised body
- Available in white polyester coating
- Independent Gypsy and drum operation
- Manual chain release
- Manual override
- Heavy duty rated IP66 electric motor

FALKON 1700W

Construction	Anodised Aluminium	
Motor size	1700 W	
Power Supply (V)	12	24
Maximum Pull (kg)	1700	1800
Working load (kg)	290	290
Amps at Working Load (A)	210	100
Line Speed at Working Load (m/min)	14	15
Max Line Speed (m/min)	33	33
Net Weight with Drum (kg)	55	55
Circuit Breaker (available separately)	187334	187332
Control Box	Included in package	

FALKON		Code	Code
With drum	10 mm, DIN 766	600063	600067
	10 mm, ISO 4565	220293	418511
	12mm ISO 4565 / 13mm DIN 766	404732	404733

Dimensions in mm



Model	A	D	F	L	M	N
1700W	340	Ø104	500	147	240	235

TITAN 2300W / 3600W / Hydraulic



Type B
White Aluminium

Main features

- Marine alluminium anodised body
- Available in white polyester coating
- Independent Gypsy and drum operation
- Manual chain release
- Manual override
- Heavy duty rated IP66 electric motor

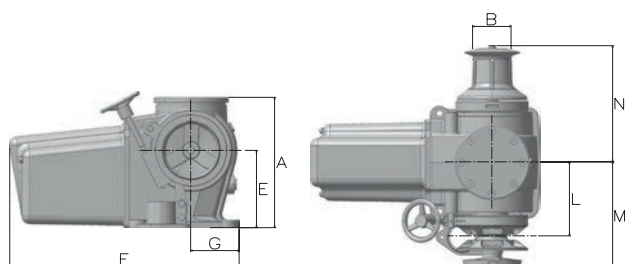


Construction	Anodised Aluminium		White Aluminium	Anodised Aluminium
Motor size	2300 W	3600 W	3600 W	Hydraulic - 9cc
Power Supply (V)	24	230-400	230-400	-
Maximum Pull (kg)	2800	2800	2800	3400
Working load (kg)	550	650	650	700
Amps Work Load (A)	140	-	-	-
Amps at Working Load (A)	10	11	11	11
Line Speed at Working Load (m/min)	18	11	11	11
Net Weight with Drum (kg)	115	115	115	95
Hydraulic Pressure (bar)	-	-	-	200
Hydraulic Flow (lt/min)	-	-	-	32
Circuit Breaker (available separatly)	187333	-	-	-
Control Box	Included in package	Switchboard available separately		-

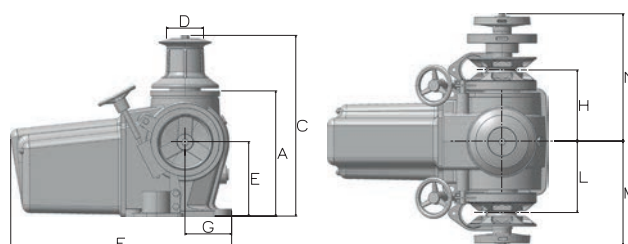
TITAN		Model**	Code	Code	Code	Code
With Drum	12 mm, ISO 4565 / 13mm, DIN 766	Type A	404724	*	600846	602423
	14 mm, DIN 766		600072	600847	*	602424
	12 mm, ISO 4565 / 13mm, DIN 766	Type B	428938	*	*	602468
	14 mm, DIN 766		426415	*	*	602469

Dimensions in mm

Type A



Type B



Model	A	C	F	D	J	L	M	N
2300W	330	Ø104	193	590	120	185	270	290
3600W								
Hydraulic								

Model	A	C	D	E	F	G	H	L	M	N
2300W	330	465	Ø104	193	590	120	185	185	270	290
3600W										
Hydraulic										

ERCOLE 3500W / 4000W / Hydraulic



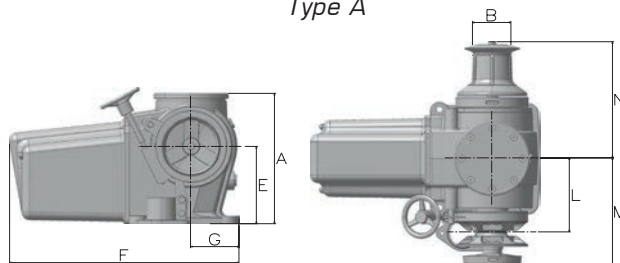
Type B
White Aluminium

- Main features
- Available in white polyester coating
 - Independent Gypsy and drum operation
 - Manual chain release
 - Manual override
 - Heavy duty electric motor



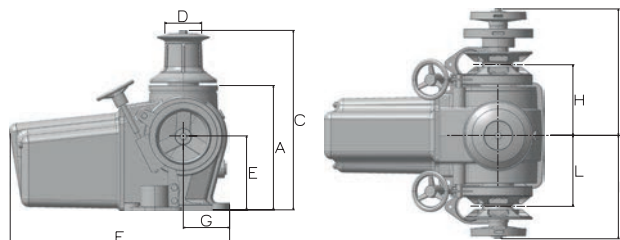
Dimensions in mm

Type A



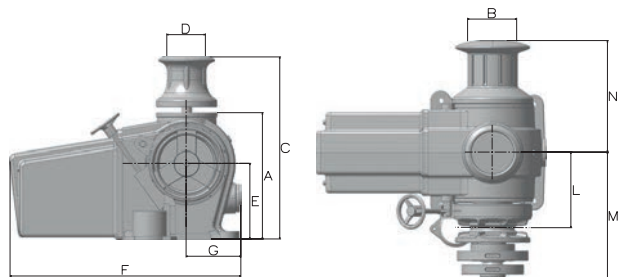
Model	A	B	E	F	G	L	M	N
3500W	390	Ø150	230	705	160	230-250	390	340
Hydraulic								

Type B



Model	A	C	D	E	F	G	H	L	M	N
3500W	390	555	Ø125	230	705	160	230-250	230-250	390	340
Hydraulic										

Type C



Model	A	B	C	D	E	F	G	L	M	N
2300W	390	Ø150	555	Ø125	230	705	170	230-250	390	339
Hydraulic										

Construction	White Aluminium	
Motor size	3500 W	Hydraulic - 11cc
Power Supply (V)	24	-
Maximum Pull (kg)	4500	5000
Working load (kg)	1000	1200
Amps at Working Load (A)	240	-
Line Speed at Working Load (m/min)	12	14
Max Line Speed (m/min)	20	14
Net Weight with Drum (kg)	200	180
Hydraulic Pressure (bar)	-	200
Hydraulic Flow (lt/min)	-	40
Control Box	Included in package	

ERCOLE		Model	Code	Code
With Drum	14 mm	Type A	403615	602509
		Type B	220317	602512
		Type C	403614	602515



Chain pipe included

SUPER ERCOLE 3500W / 5500W / Hydraulic



Type B
White Aluminium

Construction	White Aluminium		
Motor size	3500 W	5500 W	Hydraulic - 11cc
Power Supply (V)	24	230-400	-
Maximum Pull (kg)	5000	5500	6500
Working load (kg)	950	1200	1500
Amps at Working Load (A)	240	-	-
Line Speed at Working Load (m/min)	14	17	18
Max Line Speed (m/min)	28	17	18
Net Weight with Drum (kg)	235	235	215
Hydraulic Pressure (bar)	-	-	200
Hydraulic Flow (lt/min)	-	-	40
Control Box	Included in package	Switchboard available separately	-



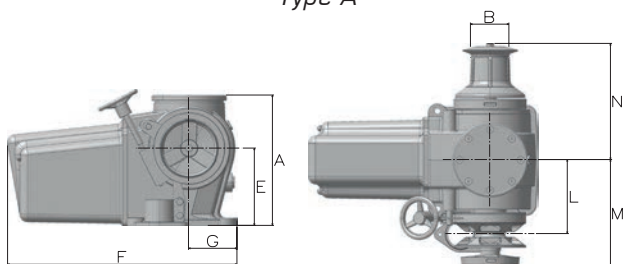
Main features

- Available in white polyester coating
- Independent Gypsy and drum operation
- Manual chain release
- Manual override
- Heavy duty rated IP44 electric motor

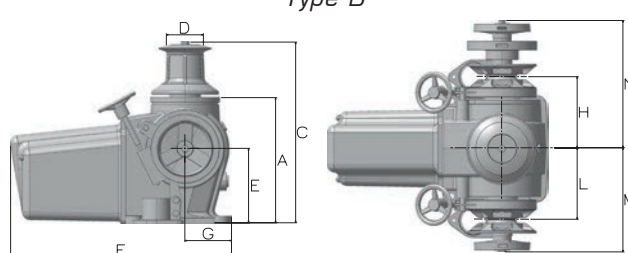
SUPER ERCOLE		Model	Code	Code	Code
With Drum	16 mm	Type A	404957	602501	602488
		Type B	426414	602504	602491

Dimensions in mm

Type A



Type B



Model	A	C	F	D	J	L	M	N
2300W	450	Ø150	260	870	200	255-280	450	375
3600W								
Hydraulic								

Model	A	C	D	E	F	G	H	L	M	N
2300W	450	610	Ø135	260	870	200	255-270	255-280	450	375
3600W										
Hydraulic										

T500-T700-T1000

T1500-T1700



Chromed Bronze



Aluminium

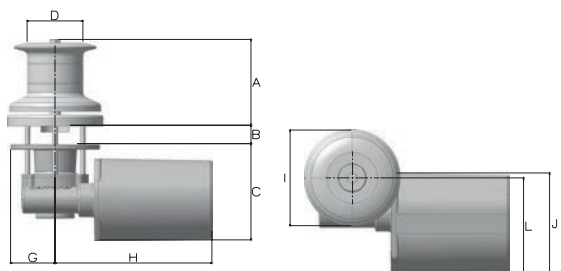
Main features

- Luxury chrome bronze base and drum
- Heavy duty rated IP67 electric motor
- Anodised marine aluminium gearbox

IP67 rated heavy duty electric motor (T1500)

Construction	Chromed bronze					Aluminium				
Model	T500		T700		T1000	T500		T700		T1000
Motor size	500 W		700 W		1000 W	500 W		700 W		1000 W
Power Supply (V)	12	12	24	24	12	12	12	24	12	24
Maximum Pull (kg)	630	850	900	1000	1060	630	850	900	1000	1060
Working load (kg)	70	115	115	165	165	70	115	115	165	165
Amps at Working Load (A)	75	110	50	135	70	75	110	50	135	70
Line Speed at Working Load (m/min)	23	20	23	20	23	23	20	23	20	23
Max Line Speed (m/min)	26	30	30	40	40	26	30	30	40	40
Net Weight with Drum (kg)	11	15	15	21	21	9	15	15	16	16
Circuit Breaker (available separately)	187331	187331	187332	187333	187332	187331	187331	187332	187333	187332
Control Box	Included in package									
Code	409130	220006	418159	417946	187324	409563	411129	600779	409564	409567

Construction	Chromed bronze				Aluminium			
Model	T1500		T1700		T1500		T1700	
Motor size	1500 W		1700 W		1500 W		1700 W	
Power Supply (V)	12	24	12	24	12	24	12	24
Maximum Pull (kg)	1200	1250	1600	1695	1200	1250	1600	1695
Working load (kg)	190	190	270	270	190	190	270	270
Amps at Working Load (A)	150	75	180	90	150	75	180	90
Line Speed at Working Load (m/min)	17	19	14	15	17	19	14	15
Max Line Speed (m/min)	40	40	32	32	40	40	32	32
Net Weight with Drum (kg)	27	27	30	30	18	18	25	25
Circuit Breaker (available separately)	187333	187332	187334	187332	187333	187332	187334	187332
Control Box	Included in package							
Code	220014	418161	472407	187326	600058	600062	600066	600069



Dimensions in mm

Model	A	B	C	D	G	H	I	J	L
T500	90	18-30	111	Ø60	55	236	Ø115	110	121
T700	135	25-40	150	Ø92	62	256	Ø155	134	157
T1000	135	25-40	150	Ø92	62	256	Ø155	134	157
T1500	162	50-70	160	Ø104	73	236	Ø191	165	157
T1700	162	50-70	165	Ø104	90	300	Ø191	Ø127	140

T2000-T2500

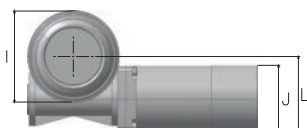
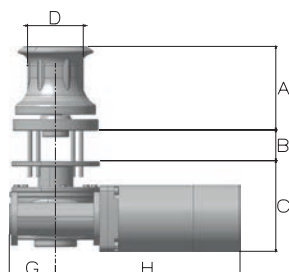
- Main features
- Luxury chrome bronze base and drum
 - Heavy duty electric motor
 - Anodised marine aluminium gearbox



Construction	Chromed bronze						
Model	T2000				T2500		
Motor size	2200 W	2300 W		Hydraulic - 9cc	2200 W	2700 W	Hydraulic - 9cc
Type**	CW	CW	CCW	CW	CW	CW	CW
Power Supply (V)	230-400	24	24	-	230-400	24	-
Maximum Pull (kg)	2000	2000	2000	2300	2000	2200	2300
Working load (kg)	410	410	410	510	425	425	550
Amps at Working Load (A)	-	180	180	-	-	210	-
Line Speed at Working Load (m/min)	15	15	15	15	15	15	15
Max Line Speed (m/min)	15	31	31	15	15	31	15
Net Weight with Drum (kg)	52	52	52	40	52	53	40
Hydraulic Pressure (bar)	-	-	-	200	-	-	200
Hydraulic Flow (lt/min)	-	-	-	32	-	-	32
Control Box	Switchboard available separately	Included in package		-	Switchboard available separately	Included in package	-
Code	600071	404967	600729	602140	600070	476239	602168

** cw: the capstan pulls clockwise ccw: the capstan pulls counter clockwise

Dimensions in mm



Model	A	B	C	D	G	H	I	J	L
T2000	190	60-90	212	Ø125	105	420	Ø194	Ø152	176
T2500	191	90-130	212	Ø125	105	420	Ø230	Ø152	172



T3000-T4000

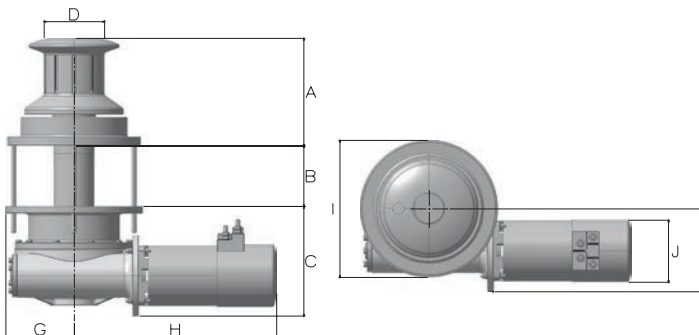
Main features

- Luxury stainless steel base and drum
- Heavy duty electric motor
- Anodised marine aluminium gearbox

Construction	316 L Stainless Steel						
Model	T3000				T4000		
Motor size	2200 W	3000 W	3600 W	Hydraulic - 9cc	3500 W	4000 W	5500 W
Power Supply (V)	230-400	24	24	-	24	230-400	230-400
Maximum Pull (kg)	2500	3000	3000	3000	4500	5000	5000
Working load (kg)	550	600	600	650	850	850	1200
Amps at Working Load (A)	-	210	210	-	215	-	-
Line Speed at Working Load (m/min)	16	14	14	17	10	10	11
Max Line Speed (m/min)	16	27	27	17	15	10	11
Net Weight with Drum (kg)	75	75	75	40	120	120	105
Hydraulic Pressure (bar)	-	-	-	200	-	-	200
Hydraulic Flow (lt/min)	-	-	-	32	-	-	40
Control Box	Switchboard available separately	Included in package	Switchboard available separately	-	Included in package	Switchboard available separately	

Code	600767	602187	602196	602189	600077	600771	423284
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Dimensions in mm



Model	A	B	C	D	G	H	I	J	L
T3000	206	60-90	190	Ø150	142	436	Ø255	Ø152	190
T4000	267	150	272	Ø150	170	502	Ø340	Ø154	206

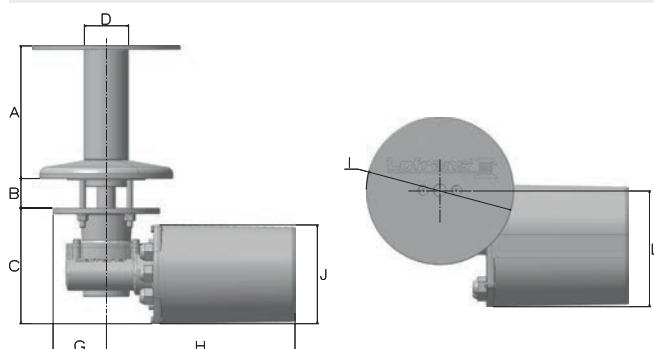
CETO Recovery Capstan



IP67 rated heavy duty electric motor

Construction	Marine anodised aluminum
Motor size	1000 W
Power Supply (V)	12V
Maximum Pull (kg)	850
Working load (kg)	175
Amps at Working Load (A)	165
Line Speed at Working Load (m/min)	15
Max Line Speed (m/min)	15
Net Weight with Drum (kg)	16
Circuit Breaker (available separatly)	187333
Control Box	Included in package
Code	635999

Dimensions in mm



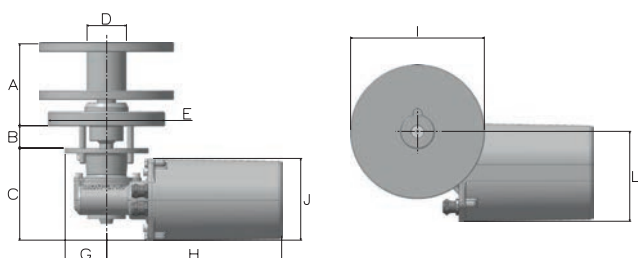
Model	A	B	C	D	G	H	I	J	L
CETO	180	25-40	150	Ø60	72,5	256	Ø200	134	157

TENDER WINCH Recovery Capstan



Construction	Marine anodised aluminum		
Motor size	500W	800 W	700 W
Power Supply (V)	12V	12V	24V
Maximum Pull (kg)	400	550	600
Working load (kg)	90	125	125
Amps at Working Load (A)	120	150	80
Line Speed at Working Load (m/min)	17	15	15
Max Line Speed (m/min)	20	20	20
Net Weight with Drum (kg)	9	9	9
Circuit Breaker (available separatly)	187331	187332	187331
Control Box	Included in package		
Code	030054	602122	602123

Dimensions in mm



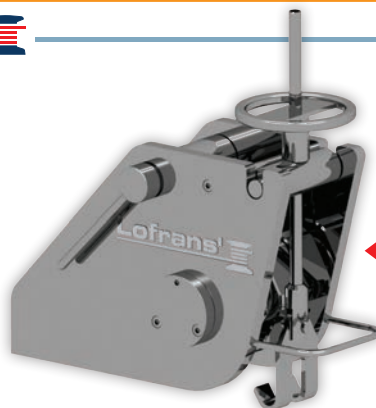
Model	A	B	C	D	E	G	H	I	J	L
500W	96	18-30	124	Ø40	Ø114	56	236	Ø145	110	121
700W - 800W	110	18-30	124	Ø53	Ø156	56	236	Ø180	110	121

CHAIN STOPPER



Lofrans' Chain stopper,
stainless steel,
for ISO/DIN chain 12/13/14/16mm

Code....72191



Lofrans' Chain roller-stopper with tensioner,
stainless steel, for ISO/DIN/studlink chain 14/16mm

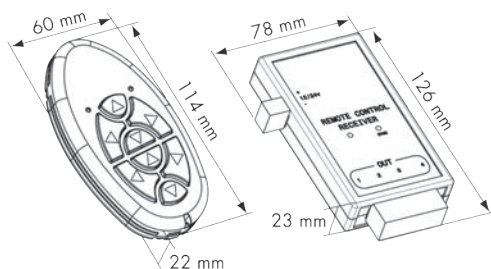
Code....72192

Radio Remote Control

Lofrans' radio remote control is designed to work with our range of windlasses. The remote control can also be used to operate other onboard equipment such as thrusters, passerelles, cranes, etc.

- Transmitter rated IP67
- Supports up to 8 independently controlled channels
- Each transmitter can handle 2 receivers (8 channels)
- Zero power consumption when in standby mode (transmitter)

- Each receiver can switch 4 channels (12/24 V - 2 A)
- Digital recognition avoids accidental activation of other system
- Easy to install and set up, simple to use



Code	312976	312977
Description	Transmitter & Receiver (EU)	Transmitter & Receiver (USA)
Frequency	868 MHz	915 MHz
Number of button	8 (Transmitter)	
Voltage	12 - 24V _{dc} (Receiver)	
Operative temperature	-10 : +60	
IP protection rated	67 (Transmitter)	
Max contacts amperage (A)	2 (Receiver)	
Weight (gr)	310	



* When installed

** 868 MHz is the authorised frequency for Europe and Australia. 915 MHz is the authorised frequency for Canada and the USA. Retail sales and use of non-authorised frequency transmitters and receivers is prohibited. For all other countries please consult the local regulation in force.

GALAXY 703 CHAIN COUNTER

Radio Control Chaincounter GALAXY 703

Without cable ties, plug or panels and with load always perfect by rechargeable battery, the radio chain counter GALAXY 703 gives finally all the freedom of manoeuvres and the comfort of reading in the anchoring operations.

- Chain speed indicator / mooring length in meters or feet
- Voltage indicator
- Up alarm sensor
- Switch on button / Key tones adjustment
- High vision LCD display / Backlit display screen / Eight level of contrast
- Six language menu (IT, EN, FR, DE, ES, GR)
- Able to control free fall windlasses
- Parallel connection

Code	600016
Command transmission	Remote
Number of button	3 (Transmitter)
Voltage	12 - 24V _{dc} (Receiver)
Operative temperature	-10 : +60
IP protection rated*	66 (Transmitter)
Max contacts amperage (A)	2 (Receiver)
Weight (gr)	480
Dimension (mm)	155x65x45 (Transmitter)

* When installed



GALAXY 503 CHAIN COUNTER

Hand Held Remote Control Chaincounter GALAXY 503

This remote chain counter model GALAXY 503 has been specifically designed to give the full control in anchoring. It's a reliable and practical instrument, technologically advanced, specifically design for use in marine environments. The external casing, rated with IP66 and supplied with waterproof plug and socket rated IP67. The extending flexible cable (approximately 4 metres) gives the maximum freedom on board during anchoring manoeuvring. Provided with an evolved microprocessor that offers a series of advantages for full control of the anchoring.



- Chain speed indicator / mooring length in meters or feet
- Voltage indicator
- Up alarm sensor
- Switch on button / Key tones adjustment
- High vision LCD display / Backlit display screen / Eight level of contrast
- Six language menu (IT, EN, FR, DE, ES, GR)
- Able to control free fall windlasses
- Parallel connection

Code	600015
Command transmission	Wire
Number of button	3
Voltage	12 - 24V _{dc}
Operative temperature	-10 : +60
IP protection rated*	66
Max contacts amperage (A)	2
Weight (gr)	710
Dimension (mm)	155x65x45

* When installed



IRIS CHAIN COUNTER



Panel Chaincounter IRIS

This fly bridge chain counter IRIS is technologically advanced instrument with an elegant and ergonomic design makes it suitable for all type of boat cockpits. IRIS is supplied with an evolved microprocessor, with different operations allowing an optimum anchoring.

- Chain speed indicator / mooring length in meters or feet
- Voltage indicator
- Up alarm sensor
- Switch on button / Key tones adjustment
- High vision LCD display / Backlit display screen / Eight level of contrast
- Six language menu (IT, EN, FR, DE, ES, GR)
- Able to control free fall windlasses
- Parallel connection

Code	600017
Command transmission	Wire
Number of button	3
Voltage	12 - 24V _{dc}
Operative temperature	-10 : +60
IP protection rated*	67
Max contacts amperage (A)	2
Weight (gr)	500
Dimension (mm)	110x105x15 (5 flat version)

* When installed



GALAXY 102 HAND HELD CONTROL

Hand Held Control GALAXY 102

This hand held remote control model GALAXY 102 has an elegant and functional design. The soft rubber case, which covers sideways the remote control, allows a safe and handy taking under any condition.

This hand held remote control is rated with IP66 and supplied with waterproof plug and socket rated IP67. The extending flexible cable (approximately 4 metres) gives the maximum freedom on board during anchoring manoeuvring.

- Inversion polarity protection
- Parallel connection
- 2 buttons (up-down)

Code	600013
Command transmission	Wire
Number of button	2
Voltage	12 - 24V _{dc}
Operative temperature	-10 : +60
IP protection rated	66
Max contacts amperage (A)	2
Weight (gr)	580
Dimension (mm)	155x65x45

* When installed



Foot switch

This device is a switch which works simply pushing the foot on the button. The base is in stainless steel while the cover to prevent accidental engagement is in composite. The button is in special marine rubber able to withstand UV ray and the marine environment.

Available in UP and DOWN version

Code	636075*	636074*	600012	600011	602121
Description	Black / Inox	Red / Inox	Black / Grey	Red / Grey	Blue / WASH DOWN
Voltage	12 - 24Vdc				
Operative temperature	-10 : +60				
IP protection rated	67				
Max contacts amperage (A)	5				
Weight (gr)	250		100		
Dimension (mm)	80x95x20				



* INOX 

Control Switch

TYPE "L"

This switch, usually installed on the cockpit, is made by a fixing plaque and by a three position switch (Up-Off-Down).

Code	404728
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TYPE "C"

This rocker switch has a modern and practical design. It is reliable and watertight and it is supplied with the apposite case to make simple and sure the installation.

Code	187338
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Circuit Breaker

The thermal circuit breaker is an essential component of the electric plant. It has three functions:

- protects from very dangerous short circuits
- protects the electric motor of the windlass
- interrupts tension to windlass when desired

In case of short circuit the intervention is immediate. Concerning the electric motor a specific intervention curve has been studied in cooperation with E-T-A Germany. It is possible to re-activate the circuit breaker at the end of the intervention. The thermal circuit breaker is supplied with an elegant plaque for fixing and a led light. This unit is in compliance with EEC regulations and homologated by Bureau, Veritas.

	35 A	40 A	70 A	80 A	100 A	125 A
Thermal	187331	-	187332	-	187333	187334
Hydraulic	-	600029	-	630616	600028	-



Control Box Direction Solenoids

The Control Box is an electric unit made up of two remote control switches enclosed inside a special container which protects it from marine corrosion. The entire unit has been designed with a view to simplifying and speeding up the various electrical connections. For this purpose there is no need to open and/or pierce the container, as all the terminals and the panel for the electrical connections are perfectly accessible from the outside. Outer construction in self-extinguishing polyester resin, resistant to shock and marine corrosion. Degree of protection IP 56 - protection against deckwater.

Code	600018	600019	600020	602590	600021	600022
Number of terminals	3	3	3	4	4	4
Power	12 V	24 V	24 V	12 V	12 V	24 V
Motor Size	500-1700 W	500-1700 W	1700-2300 W	500-700 W	1000-1700 W	500-1700 W



Windlass Motor



Code	Windlasses Model Type	Voltage	Watt
633502	TITAN	24 V	2300 W
633503	X 4	24 V	2700 W
633509	SCORPION / MARLIN / X1	12 V	500 W
633510	T700 / AIRON / X2	12 V	700 W
633512	X2(<2010) / KOBRA	12 V	1000 W
633513	X2(<2010) / KOBRA	24 V	1000 W

Code	Windlasses Model Type	Voltage	Watt
633526	X 2 / X 3	24 V	1500 W
634365	CAYMAN	12 V	700 W
634367	CAYMAN	12 V	1000 W
634369	TIGRES	12 V	1500 W
634370	TIGRES	24 V	1500 W
634371	FALKON	12 V	1700 W

Code	Windlasses Model Type	Voltage	Watt
634372	FALKON	24 V	1700 W
634375	PROJECT 1000	12 V	1000 W
634387	X 2	12 V	1000 W
634390	DORADO / MARLIN / X 1	12 V	700 W

Kits for big Models & Capstans

KIT A - SEALS

Code	For WINDLASS
474013	X4 & PROJECT 2000
418428	ERCOLE VERTICAL
418403	TITAN
418423	ERCOLE
427806	SUPER ERCOLE
418410	T500
418411	T700 - T1000
418422	T1500 - T1700
418399	T2000 - T2500

KIT B - SCREWS

Code	For WINDLASS
474012	X4 & PROJECT 2000
418475	ERCOLE VERTICAL
418457	TITAN
418472	ERCOLE
418476	SUPER ERCOLE
418410	X0 & T500

KIT C - PINS

Code	For WINDLASS
474011	X4 & PROJECT 2000
418499	ERCOLE VERTICAL
418493	TITAN
418494	ERCOLE
418500	SUPER ERCOLE

KIT D - CIRCLIPS

Code	For WINDLASS
474010	X4 & PROJECT 2000
418556	ERCOLE VERTICAL
418553	TITAN
418555	ERCOLE
418575	SUPER ERCOLE
418512	T500
418513	T700 - T1000
418514	T1500 - T1700
418515	T2000 - T2500

KIT F - FINGERS

Code	For WINDLASS
474023	X1, X2 & PROJECT 1000
474017	X3 & PROJECT 1500
601047	X2
602105	X3
35036	DORADO
632116	ATLAS

KIT S - MAGNETIC SENSORS

Code	For WINDLASS
474053	X1, X2 & X3
600033	X4
474048	for all horizontal windlasses

Maintenance Kit

Code	For WINDLASS
72036	X0
72037	X1
72038	X2 & PROJECT 1000
72039	X2 ALU
72040	X3, X3 ALU & PROJECT 1500
72046	ROYAL
72047	DORADO
72048	KOBRA & CAYMAN
72050	TIGRES
72051	FALKON
72045	ATLAS



Exploded diagram ►



KEEP YOUR LOFRANS' AS GOOD AS NEW!

GYPSIES



Code	Chain Size	For windlass
630953	6 mm ISO 4565 / DIN 766	X2 / PROJECT 1000
630968		KOBRA / CAYMAN / TIGRES / ROYAL / AIRON
630970		X0 / X1 / X1 ALU
630974		DORADO
631005		ATLAS
630978	7mm ISO 4565	KOBRA / CAYMAN / TIGRES / ROYAL / AIRON
630980		X1 / X1ALU
630984		DORADO
631007		ATLAS
630949	8mm ISO 4565 / DIN 766	X2 / PROJECT 1000
630957		X3 / PROJECT 1500
630994		KOBRA / CAYMAN / TIGRES / ROYAL / AIRON
630996		FALKON / TITAN / PROJECT 2000 / X4 / X3.5
630999		X1
631003		DORADO
631009		ATLAS
630951	10mm ISO 4565	X2 / PROJECT 1000
630959		X3 / PROJECT 1500
631011		KOBRA / CAYMAN / TIGRES / ROYAL / AIRON
631013		FALKON / TITAN
631019		ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631022		FALKON / TITAN / PROJECT 2000 / X4 / X3.5
630955	10mm DIN766	X2 / PROJECT 1000
630966		X3 / PROJECT 1500
631132		FALKON / TITAN / PROJECT 2000 / X4 / X3.5
631118		KOBRA / CAYMAN / TIGRES / ROYAL / AIRON
630961	12mm ISO 4565 13mm DIN 766	X3 / PROJECT 1500
631039		ERCOLE (Horizontal & Vertical) / X5
631031		FALKON / TITAN / PROJECT 2000 / X4 / X3.5
631045	12mm ISO 4565 13mm DIN 766	X3.5
631104	19 STUDLINK	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631110	20 STUDLINK	ERCOLE (Horizontal) / SUPER ERCOLE
631050	13mm DIN 764	FALKON
631085		ERCOLE (Horizontal & Vertical) / SUPER ERCOLE / X5

Code	Chain Size	For windlass
631065	14mm	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE / X5
631059		FALKON / TITAN / PROJECT 2000 / X4 / X3.5
631088	16mm DIN766	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631082	16mm	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631095	18mm DIN766	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631101	18mm	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631113	20mm	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631033	1/2" BBB	FALKON / TITAN / PROJECT 2000 / X4 / X3.5
631120	3/8" BBB	KOBRA / CAYMAN / TIGRES / ROYAL / AIRON
631036	1/2" G40	FALKON / TITAN / PROJECT 2000 / X4 / X3.5
631124	3/8" G40	FALKON / TITAN
631077	5/16" HT	KOBRA / CAYMAN / TIGRES / ROYAL / AIRON
631129		FALKON
630992	7/16" HT	FALKON
631122	3/8" PC	KOBRA / CAYMAN / TIGRES / ROYAL / AIRON
631056	13 ITALMET	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631062	14 42mm PITCH	TITAN
630989	14,5 UNI4417	ERCOLE VERTICAL
631053	1/2" STUDLINK	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631068	14 STUDLINK	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631092	16 STUDLINK	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631098	17,5 STUDLINK	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631104	19 STUDLINK	ERCOLE (Horizontal & Vertical) / SUPER ERCOLE
631110	20 STUDLINK	ERCOLE (Horizontal) / SUPER ERCOLE

Code	Rope Size	For windlass
634877	12-14mm	DORADO

new

CHAINS

It is LOFRANS!!!

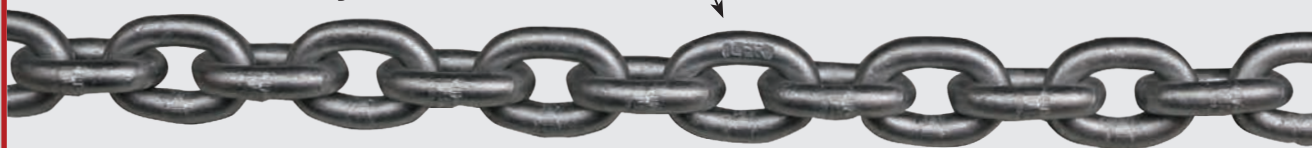
Hot Dip Galvanized.

Grade 40 - tougher than Grade 30 - over 30% higher breaking load.

Extended quality tested on Lofrans' Windlasses

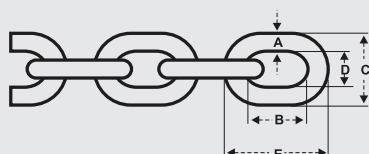
Lofrans' Authenticity Check - "LFR" is engraved every thirty centimeters.

Certificate of Analysis Included



Lofrans, Hot dip galvanized chain, G40, Calibrated

Code	72312	72313	72314	72315	72316	72408	72409
Type	ISO 4565 / DIN 766		DIN 766	ISO 4565		ISO4565 / DIN 766	
A (mm)	6	8	10	10	12	14	16
B (mm)	18,5	24	28	30	36	41,5	45
C (mm)	20	27,5	34	34,5	39,6	47,4	54,6
D (mm)	8	11,5	14	14,5	15,6	19,4	22,6
E (mm)	30,5	40	48	50	60	69,5	77
Weight / m (kg)	0,8	1,42	2,2	2,28	3,23	4,37	5,72
Breaking load (kg)	2400	4300	6750	6750	9700	13230	17280
Pack (m)	100					200	



**WITH THE EXPERIENCE
AND QUALITY OF**

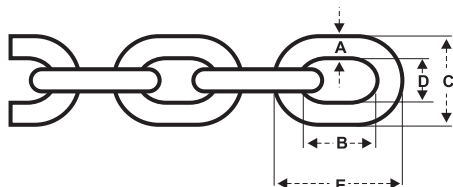
Lofrans®
WINDLASSES

Anchor Chains



Hot dip galvanized chain, Calibrated, Pack

Code	71170	71171	71172	71173	71174	71175	71176	71177	71178	71179
Type	ISO 4565 / DIN 766						ISO 4565			
A (mm)	6			8			10		12	
B (mm)	18,5			24			30		36	
C (mm)	20			27,5			34,5		39,6	
D (mm)	8			11,5			14,5		15,6	
E (mm)	30,5			40			50		60	
Weight / m (kg)	0,8			1,42			2,28		3,23	
Breaking load (kg)	1632			3265			5102		7387	
Pack (m)	10	30	50	10	30	50	10	30	50	50



Hot dip galvanized chain, Genovese

Code	72060	72061	72062	72063
Type	DIN5685A			
A (mm)	5	7	10	13
B (mm)	21	28	40	52
C (mm)	20	28	40	52
D (mm)	10	14	20	26
E (mm)	31	42	60	78
Weight / m (kg)	0,5	1	2,05	3,45
Breaking load (kg)	775	1500	3100	5300
Pack (m)	50			

Hot dip galvanized chain, G30, calibrated

Code	95617	95619	92303	97710	97711
Type	ISO 4565 / DIN 766		DIN 766	ISO 4565	
A (mm)	6	8	10	10	12
B (mm)	18,5	24	28	30	36
C (mm)	20	27,5	34	34,5	39,6
D (mm)	8	11,5	14	14,5	15,6
E (mm)	30,5	40	48	50	60
Weight / m (kg)	0,8	1,42	2,34	2,28	3,23
Breaking load (kg)	1.632	3.265	5.102	5.102	7.387
Pack (m)	100				

Chain, Inox 316, calibrated

Code	98042	98043	98044	98045	95637	97703
Type	ISO 4565 / DIN 766					
A (mm)	2	3	4	5	6	8
B (mm)	12	15	20		18,5	24
C (mm)	7,5	11	13	16	20	26
D (mm)	3,5	5	5	6	8	10
E (mm)	16	21	28	30	30,5	40
Weight / m (kg)	0,07	0,16	0,32	0,5	0,78	1,4
Breaking load (kg)	127	408	816	1.275	1.632	3.265
Pack (m)	50					

Anchors



Anchor, Bruce type, Inox 316

Code	Weight (kg)	For Max Boat Length (ft)
92246	2	18
92247	3	20
92248	5	25
92249	7,5	30
92250	10	35
92251	15	40
92252	20	50
72092	25	60
72093	30	65
72094	40	90
72095	50	120

Anchor hot dip galvanized, Bruce type

Code	Weight (kg)	For Max Boat Length (ft)
92240	2	18
99207	3,5	20
92241	5	25
92242	7,5	30
92243	10	35
92244	15	40
92245	20	50
72084	25	60
72085	30	65
72086	50	75
72087	80	90



Anchor Delta stainless steel

Code	Weight (kg)	For Max Boat Length (ft)
99425	6	22
99426	8	30
99427	10	35
99428	15	40
99429	20	50
99430	30	65
72097	40	75
72098	50	90
72099	80	120



Anchor Delta galvanized

Code	Weight (kg)	For Max Boat Length (ft)
99476	6	25
99478	8	30
99479	10	35
99480	15	40
99481	20	50
99482	30	65
72089	40	75
72090	50	90
72091	80	120



Plough anchor, CQR type, Inox 316

Code	Weight (Kg)
92272	7
92273	9
92274	12
92275	15

Plough anchor, hot dip galvanized, CQR type

Code	Weight (Kg)
92264	7
92265	9
92266	12
92267	15
98466	22



Anchor hot dip galvanized, Danforth type

Code	Weight (Kg)
92253	3
92254	5
92255	8
92256	10
92257	12
92258	14
98465	20



Folding anchor, hot dip galvanized

Code	Weight (Kg)
92276	0,7
92277	1,5
92278	2,5
92279	3,2
92280	4
92281	6
92282	8
92283	10
92284	1
92285	15

Folding anchor, Inox 316

Code	Weight (Kg)
92286	0,7
92287	1,5
92288	2,5
92289	4



Grapnel anchor, galvanized

Code	Weight (Kg)
70964	1
92290	3
92291	4
92292	6
99205	8
99206	10
70965	12
70966	15
70967	18
70968	20
70969	25
70970	30
70971	35
70972	42



Grapnel anchor, Inox 304

Code	Weight (Kg)
92293	0,4
92294	0,95
92295	1,85
99433	2,5
99434	4



Hall Type C Anchor, hot dipped galvanized

Code	Weight (Kg)
98888	2,8
98889	4
98890	6
98891	8

Anchor Rollers



Stemhead, Inox 304

Code	99638
Length (mm)	165
Width (mm)	50
Diameter (mm)	64

BEST VALUE



Roller for stemhead 99638, black

Code	11907
Length (mm)	42
roller diam. (mm)	64
Material	PP & UV



Hinged bow roller, Inox 316

Code	70634
Length (mm)	328
Height (mm)	236
Thick (mm)	70
For chain (mm)	6-8-10
For anchor (kg)	up to 14



Bow roller w/ anchor block, Inox 316

Code	70612
Length (mm)	240
Width (mm)	100
For chain (mm)	6-8
For anchor (kg)	up to 10

Thimbles

Thimbles



Nuova Rade

Code	rope Ø (mm)	Material
16946	3	Naylon PA
44592	4	
44594	5	
44596	6	
24134	7	
44598	8	
44600	10	

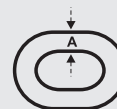
Code	rope Ø (mm)	Material
44602	12	Naylon PA
29372	14	
44605	16	
44607	18	
44609	20	
44611	22	
44613	24	

new



Cabo
by LALISSE

**CABO Rope for chain rode use,
three strand with connection, Nylon, White**



Code	72319	72320	72321	72322	72323	72324
Rope Diameter(mm)	12			14		16
Length(m)	30	60	90	30	60	60
Ring Diameter - A(mm)	6			8		10
Breaking load (kg)	2300			2940		3640
Pack(m)	30	60	90	30	60	60



**Anchor Rope 3 strand double
twisted, polyester, Black**

Code	Diameter (mm)	Length (m)	Strength (Kg)
90854	8	200	640
90855	10		1.230
90856	12		1.360
90857	14		2.010
90858	16		2.430
90859	18	100	3.150
90860	20		3.830
90861	22		4.610
90862	24		5.520

Cabo
by LALISSE

Sold by the reel



**Anchor Rope 3 strand double
twisted, polyester, White**

Code	Diameter (mm)	Length (m)	Strength (Kg)
90844	8	200	570
90845	10		1.110
90846	12		1.220
90847	14		1.810
90848	16		2.190
90849	18	100	2.830
90850	20		3.450
90851	22		4.150
90852	24		4.970

Code	Diameter (mm)	Length (m)	Strength (Kg)
92350	26	100	5.510
92352	28		6.430
92354	30		7.440
71742	32		8.430
71743	34		9.360
71744	36		10.290
71745	38		10.840
71746	40		11.390

Dock Lines



**Mooring double
braided rope,
polyester, black**

Code	Diameter (mm)	Length (m)	Strength (Kg)
90828	8	200	1600
90829	10	200	1940
90830	12	200	2650
90831	14	200	3465
90832	16	170	4380
90833	18	140	5220
71029	20	100	5500
71030	22	100	5985
71031	24	100	7254

Sold by the reel



**Mooring 16-Strand Double
Braided Rope, Polyester, navy
blue**

Code	Diameter (mm)	Length (m)	Strength (Kg)
71162	12	200	2000
71163	14	200	3000
71164	16	170	4000
71165	18	140	4500
71166	20	100	5000
71167	22	100	7500
71168	26	100	8500

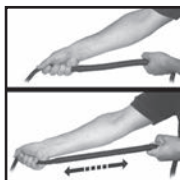
Sold by the reel

Shock Absorbing Mooring Lines

These Lalizas Polyester Mooring Lines are integrated with industrial rubber filaments which permit high elasticity in absorbing shocks from wind and waves. Shock Lines are highly suitable for docking and anchor lines. Shock-Line Ropes have a loop at one end and all of them are available in high quality and practical packing.



Pre-cut



Code	Diameter (mm)	Length (m)	Breaking Load (kg)	Elongation (mm)	Boat Length (m)
90347	12	8	2300	200	5-10
90348	15	8	3200	250	10-15
90349	18	8	4000	300	15-20



Classic Fenders

New

OCEAN®

SERIES U Utility Fenders



Model		Code		Code		Code	Dimensions (cm)
U0	○	72260	●	72358	●	72359	10 x 33
U1	○	72261	●	72360	●	72361	12 x 40
U2	○	72262	●	72362	●	72363	14 x 50
U3	○	72263	●	72364	●	72365	16 x 56
U4	○	72264	●	72366	●	72367	19 x 64
U5	○	72265	●	72368	●	72369	22 x 64

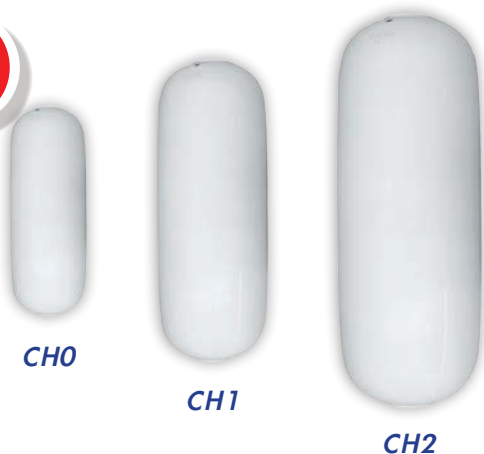
- Material : Plastisol PVC
- Production proceses: Single proccedure Rotational moulding

Suitable for



New

SERIES CH Center Hole Fenders



Model		Code	Dimensions (cm)
CH0	○	72266	10 x 33
CH1	○	72267	15 x 43
CH2	○	72268	20 x 55

- Material : Plastisol PVC
- Production proceses: Single proccedure Rotational moulding

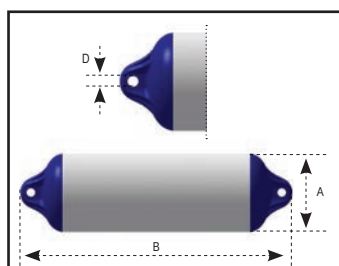
Suitable for



Comes with rope



One piece made
Consistent wall thickness



SERIE H heavy duty

Model	Code	Dimensions A x B (cm)	Eye-Diameter D (cm)	Volume per products (lt)
H2	71984	14 x 50	1,3	6,3
	72453			
H3	71985	16 x 56	1,8	9,1
	72148			
H4	71986	19 x 64	1,8	14,5
	72454			
H5	71987	22 x 64	2,2	18,6
	72137			
H6	71988	22 x 76	2,2	23,2
	72138			
H7	71989	28 x 76	2,4	35,1
	72455			
H8	71990	22 x 104	2,2	33,8
	72139			
H9	71991	28 x 109	2,4	55,4
	72456			



Suitable for

new



Cabq

Pre-cut

Fender Line double braided with loop,
polyester, navy blue

Code	Diameter (mm)	Length (m)	Strength (kg)	Boat Legth (m)
90812	8	2	1600	< 6
90813	10	2	1940	6 - 8
90814	12	3	2650	> 8

New



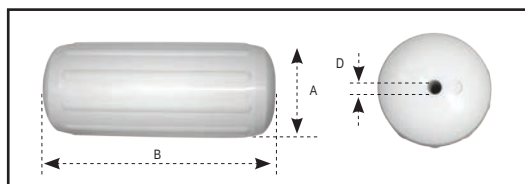
Suitable for



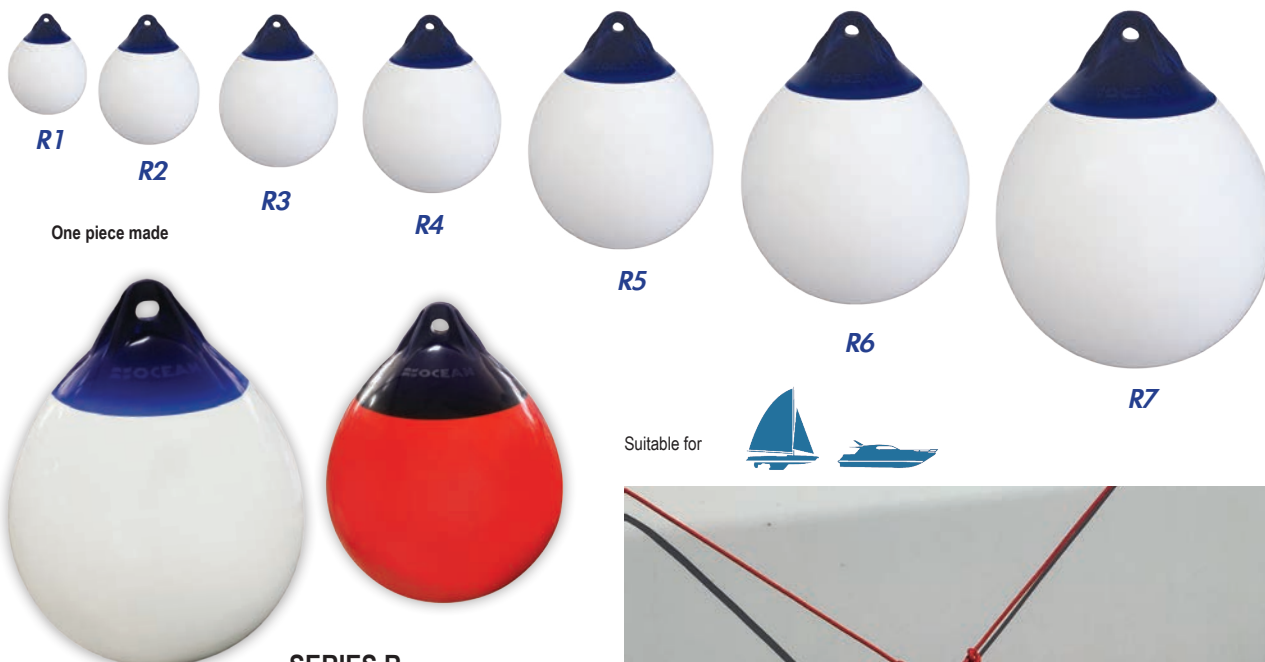
SERIE RT rope-through

Model	Code	Dimensions A x B (cm)	Tube-Diameter D (cm)	Volume per products (lt)
RT1	72107	16 x 39,5	1,6	7,7
RT2	72108	21,5 x 52	1,6	18,3
RT3	72109	26,5 x 68,5	1,6	36,6

- Inflation pressure: 2.1lbs/0,15bar at 68°F/20°C
- Material : Plastisol PVC
- Production proces: Single procedure Rotational moulding



Classic Buoys



One piece made

Suitable for



SERIES R

Model	Code	Code	Dimension
R1	71994	72002	28x38 cm
R2	71995	72003	38x50 cm
R3	71996	72004	44x58 cm
R4	71997	72005	52x68 cm
R5	71998	72006	68x90 cm
R6	71999	72007	88x112 cm
R7	72000	72008	100x138 cm

- Inflation pressure: 2.1lbs/0,15bar at 68°F/20°C
- Material : Plastisol PVC
- Production proces: Single procedure Rotational moulding

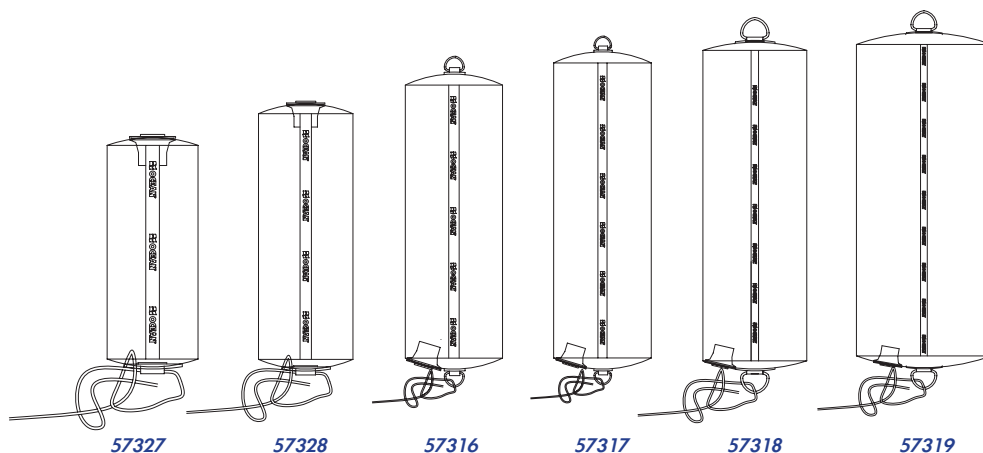


Inflatable Fenders



Inflatable Fender "EasyStore Plus"

The "EasyStore" Inflatable fenders are made of reinforced, abrasion resistant PVC material. They are light, simple to use and when deflated can be stowed in small lockers. They can be quickly inflated by using any standard or electric pump and easily mounted using the rope supplied. The "EasyStore" Inflatable fenders are available in various sizes and in light grey colour.



- Thickness: 0,9mm
- Material: PVC Body
- D-ring
- Rope: Ø 7mm
- Recommended inflation pressure: 2,4psi

Suitable for



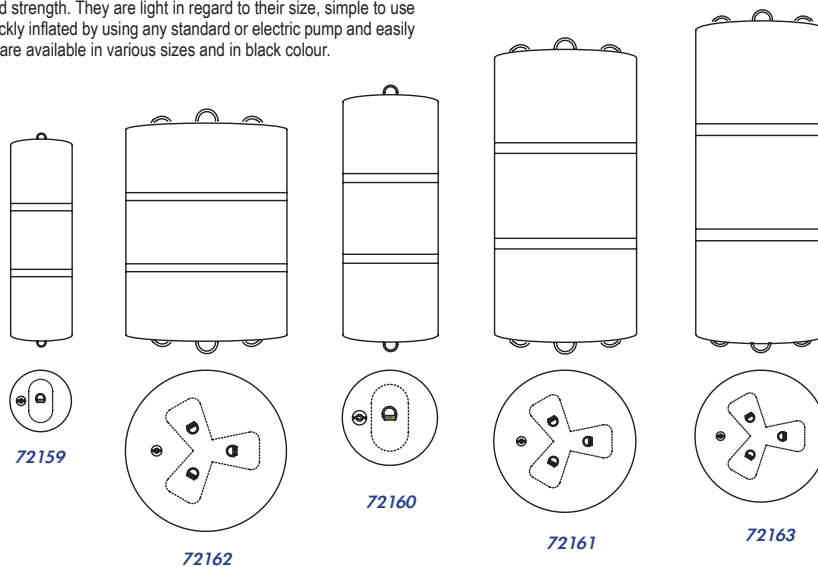
Code	Diameter (cm)	Length (cm)	D-ring on top	D-ring on bottom	Rope
57327	20	50	-	stripe	3m
57328	25	70	-	stripe	3m
57316	28	85	1	1	3m
57317	32	104	1	1	3m
57318	42	132	1	1	5m
57319	60	150	1	1	5m

Inflatable Fender "Magnus"

The "Magnus" inflatable fenders are made of reinforced PVC material. There are options with 2 or 3 D-rings attached on each side of the fender, as well as wrap around straps for better durability and strength. They are light in regard to their size, simple to use and when deflated can be stowed in small lockers. They can be quickly inflated by using any standard or electric pump and easily mounted using the rope supplied. The "Magnus" inflatable fenders are available in various sizes and in black colour.

New

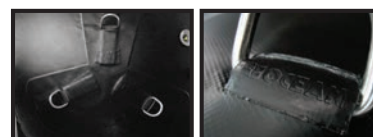
- Thickness: 1.2mm
- Material: PVC Body
- D-ring
- Wrap around tape
- Recommended inflation pressure: 2,4psi



Suitable for



Code	Diameter (cm)	Length (cm)	D-ring on top	D-ring on bottom
72159	42	132	1	1
72162	110	135	3	3
72160	65	160	1	1
72161	97	191	3	3
72163	90	210	3	3



SOLOVELA

Multipurpose fender, best in class shock absorption and life performance. It cannot deflate. Tested under 12 tons per dm². Flexible integral skin foam technology. Always in place and ready to use, easy fitting on lifeline, no stowage required when sailing. Can also be used as a step and as a backrest. Steady with strong wind.

Supplied with a blu navy or sand UV resistant zip-on cover and a 3 m white polyester line. One through hole with nylon fiber reinforced bushes for easy and safe installation.

● 473215

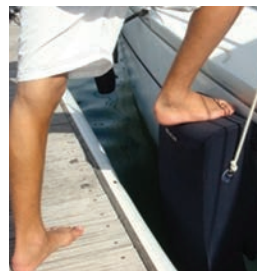
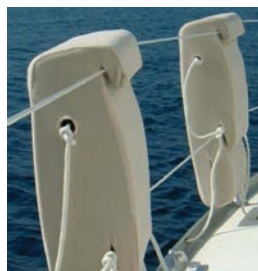
● 197742

L (mm)	H (mm)	W (mm)	⚓ (ft)	⚖ (kg)
380	600	190	30-70	4,2

Suitable for



Tested under 12 tons per dm².
Can also be used as a step and as a backrest.



TYPE A clip-on fenders

Best in class shock absorption and life performance. The first and unique clip-on fenders, flexible integral skin foam technology. Exceptional boat protection and durability, cannot deflate. Always in place and ready to use, no stowage required when sailing. Can be used both horizontally and vertically, steady with strong wind. One through hole with nylon fiber reinforced bushes for easy and safe installation.

Model	Code	Code
A1 ○	197747 ●	197748
A2 ○	197749 ●	197750
A3 ○	197751 ●	197752
A4 ○	197753 ●	197754

Model	Ø (mm)	L (mm)	⚖ (kg)	⚓ (ft)	Ø GUARDRAILS (mm)
A1	160	380	1,5	20	20-26
A2	200	460	2,5	33	20-28
A3	230	530	3,8	43	25-30
A4	250	600	4,8	>43	25-30



Suitable for



The first and unique clip-on fenders
Can be used both horizontally and vertically



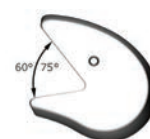
MATCH 60

Best in class shock absorption and life performance. The first and unique universal stern fender, flexible integral skin foam technology. Ideal for stern berthing. It protects the stern from anchor swinging. Exceptional bow protection and durability, cannot deflate. Always in place, it fits all stern shapes. Two through holes with nylon fiber reinforced bushes for easy and safe installation.

The first and unique universal stern fender
Ideal for stern berthing
It fits all stern shapes

○ 421084 ● 421110

L (mm)	H (mm)	W (mm)	⚖ (kg)
600	320	250	4,2



Suitable for



MATCH 80

Best in class shock absorption and life performance. The first and unique stern fender for 90° stern shape. Flexible integral skin foam technology. Exceptional boat protection and durability, cannot deflate. Designed to stay fixed in place. One through hole with nylon fiber reinforced bushes for easy and safe installation.

○ 197744 ● 197743

L (mm)	H (mm)	W (mm)	⚖ (kg)
660	280	240	4,2



The first and unique stern fender for 90° stern shape

Suitable for



○ 472461

● 472462

PVM1 universal

Best in class shock absorption and life performance. The first and unique universal bow fender, flexible integral skin foam technology. Ideal for bow berthing, swim platform and dock fending. It protects the bow from anchor swinging. Exceptional bow protection and durability, cannot deflate. Always in place, it fits all bow shapes. Two through holes with nylon fiber reinforced bushes for easy and safe installation.

L (mm)	H (mm)	W (mm)	⚖ (kg)
600	250	170	3,2

The first and unique universal bow fender
Ideal for bow berthing, swim platform and dock fending
It fits all bow shapes



PVM2

Best in class shock absorption and life performance. Flexible integral skin foam technology. Ideal for swim platforms applications. Exceptional protection and durability, cannot deflate. PVM2 used for swim platform with thickness up to 15 cm and it is designed for corner protection. Through holes with nylon fiber reinforced bushes for easy and safe installation.

○ 472463 ● 472464

L (mm)	H (mm)	W (mm)	⚖ (kg)
430	240	250	2,5

Ideal for swim platforms applications
It is designed for corner protection

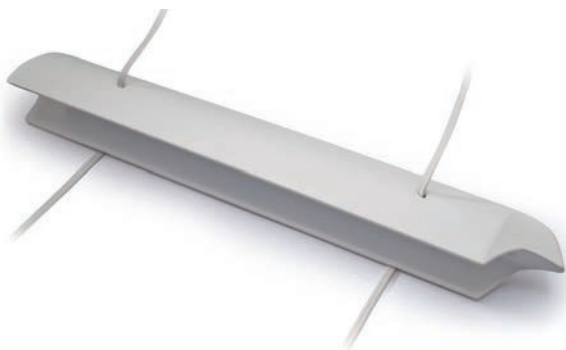


Suitable for



BLADE cruiser/racer

Best in class shock absorption and life performance. The first and unique bow fender for 90° bow shape. Flexible integral skin foam technology. Exceptional boat protection and durability, cannot deflate. Designed to stay fixed in place. One through hole with nylon fiber reinforced bushes for easy and safe installation.



L (mm)	H (mm)	W (mm)	(kg)	MAX BOW SHAPE WIDTH (mm)
1040	160	120	2,7	70

○ 197745

● 197746

Suitable for



The first and unique bow fender for 90° stern shape.

Fenders & Accessories



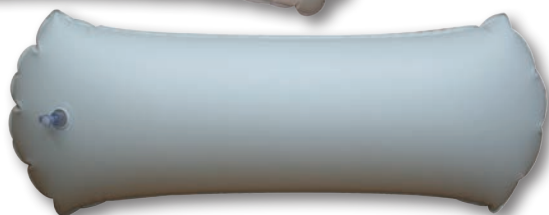
57354

Buoyancy Bag with valve for Optimist, grey

Code	Material	Max Air Pressure	Dimensions
57353	PVC	0,5PSI	41x100cm
57354	Nylon with TPU	3,6PSI	

**BEST
VALUE**

57353



Hooks for Fenders

Polyamide



Code	Description	Colour	Length (mm)	Width (mm)	Ø Eye (mm)
43634	For installation on a Ø 6 mm cable	White	86	25	7
43635		Black			
43640	For installation on rail Ø from 20 to 22 mm.	White	85	38	21
43641		Black			



Adapter for inflation valve

Specially designed for the inflation of Performance fenders and Bumper dock fenders. Compatible with all our pumps and inflators.

Code 56860

Inflation Guide

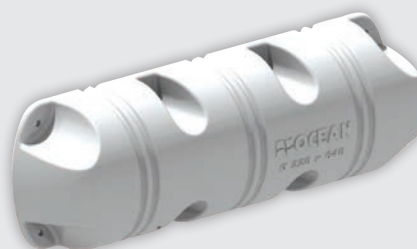
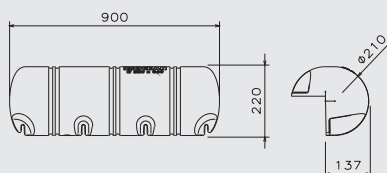
www.oceanfenders.com

new



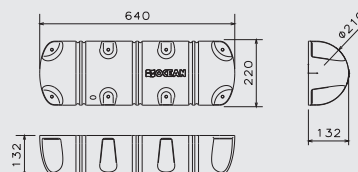
**OCEAN Dock Fender 220x640,
3/4, white**

Code..... 72346



**OCEAN Dock Fender 220x640,
1/2, white**

Code..... 72347

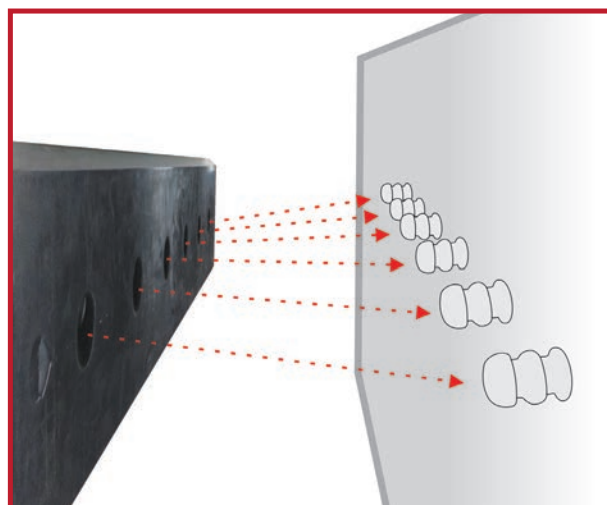


OCEAN Dock Fender

The Dock fender, as well as the rest of the Ocean solid fender series, are manufactured from Flexible Integral PU Skin Foam technology. It is a dock fender that cannot deflate in any way, under any circumstances. It has the best shock absorption and lifetime performance in class, providing exceptional dock and boat protection. It is the ideal fender for dock fending, fitting perfectly in every dock by placing the clip-ons on the dock and then easily and safely attaching the fender with the dock.

Code	Description
472465	OCEAN Dock Fender, curved-ending, Navy blue
472466	OCEAN Dock Fender, Navy blue
472467	OCEAN Clip-on for Dock Fender, Set of 6 pcs

New



Fender Covers & Racks



Cover for SOLOVELA

Secured in place with adjustable cord and a spring clip. 100% soft polyester with exceptional UV resistance.

● 197782

● 197783

Fender Covers

UV resistant fabric



Code	Dimensions (cm)	Ocean Fenders	Polyform Fenders	Thickness	Packing (pcs)
49932	15x56cm	L3 & H3	F1	Single	2
49351	23x56cm	L5 & H5	F2	Single	2
49352	23x76cm	L6 & H6	F3	Single	2
49353	23x104cm	H8	F4	Single	2
49354	30x76cm	H7	F5	Single	2
49355	30x107cm	H9	F6	Single	2
49356	38x102cm	-	F7	Double	1
49935	38x140cm	H10	F8	Double	1
49936	51x127cm	-	F10	Double	1
49937	61x140cm	-	F11	Double	1
49938	81x190cm	-	F13	Double	1

Code	Dimensions (cm)	Ocean Fenders	Polyform Fenders	Thickness	Packing (pcs)
49933	20x29cm	R0	A0	Single	2
49934	29x37cm	R1	A1	Single	2
49358	39x49cm	R2	A2	Single	2
49359	47x59cm	R3	A3	Single	2
49360	55x71cm	R4	A4	Single	2
49361	70x92cm	R5	A5	Single	2
49362	86x118cm	R6	A6	Double	1
49363	99x137cm	R7	A7	Double	1

Modular Fender Baskets

Lalizas Fender basket can be easily installed on the rails of a boat using a connector (Code: 90154). For parallel connection of fender baskets, a parallel connector can be used (Code: 90163).



Code	Internal Diameter (mm)	Height (mm)	Fenders	
			Lalizas "Hercules"	Polyform
98630	180	420	50583, 50593, 50584, 50594, 50633, 50634	F1
98629	220	440	50585, 50595, 50586, 50596, 50635 50660, 50636	F02
98631	250	450	50661, 50662, 50663	F2, F3, F4
98632	340	590	50664, 50665	F5, F6

BEST VALUE



Set of Connector & Rail Support for fenderbaskets

Code..... 90154

BEST VALUE

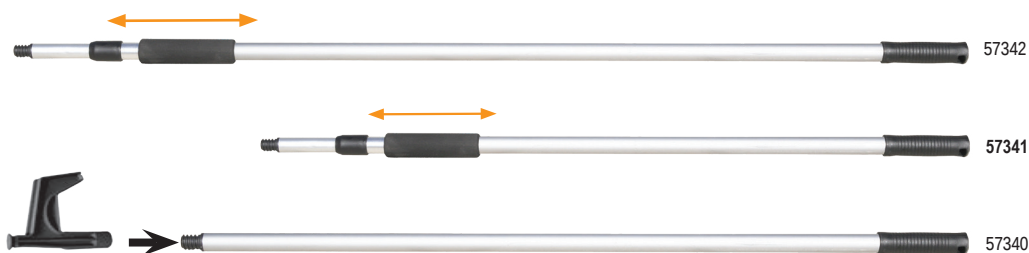


Connector Paralell, for fenderbaskets

Code.....90163



Hooks



Boat Hooks

Code	Description	Diameter (cm)	Length (cm)	
			Min	Max
57340	Aluminum Handle for hook/brush	2,5	130	
57341	Aluminum Telescopic Handle for hook/brush	2,2 - 2,5	105	179
57342		2,2 - 2,5	165	305
57343	Hook with Thread - Black	2,2		



57343

Hooks



Rubber handle.
Quarter turn locking action, at desired length.
Plastic hook, Black

Code	Length (cm)	Ø Shaft (mm)
16593	114 to 192	25

Telescopic Hook, Anodised Aluminium, Black



Rubber end buffer.
Plastic hook, black

Code	Length (cm)	Ø Shaft (mm)
12517	120	25
12518	180	
12519	240	

Floating Hook, Anodised Aluminium, Black



Rubber end buffer.
Plastic hook, black

Code	Length (cm)	Ø Shaft (mm)
44259	216	30

Floating Hook with 2Ends, Anodised Aluminium, Black



Rubber end buffer.
Plastic hook, grey.

Code	Length (cm)	Ø Shaft (mm)
44263	180	30

Float. Hook 2-Ends, White Aluminium, Grey



Aluminium Hook



Code	Length (cm)	Ø Shaft (mm)
50030	147	25
50040	175	

Telescopic Hook with 2 ends, Aluminum



Code	Length (cm)	Ø Shaft (mm)
50060	67 to 101	30
50050	118 to 196	

Telescopic Hook, Anodised Aluminium, Grey



Soft PVC cover

Code	Length (cm)	Ø Shaft (mm)
44252	118 to 196	25

Telescopic Hook 2-Ends, White Aluminum, Grey



Rubber handle.
Quarter turn locking action, at desired length.
Plastic hook

Code	Length (cm)	Ø Shaft (mm)
44261	118 to 196	25

Floating Hook with 1-End, Pine



Black hook

Code	Length (cm)	Ø Shaft (mm)
16591	120	30
16592	180	30



Hook,
Ø25mm, black
Code.. 50180



Handle,
Ø25mm, black
Code.. 50908



Handle,
Ø30mm, black
Code.. 50100



Handle,
Ø 35mm, black
Code.. 50110



Hook Plastic, Female,
with 1 ends, Black
Ø 30mm
Code.....16590



Hook Spare Plastic,
Female, with 2 ends

Code	Ø int. (mm)	Colour
44249	25	Black
44246	30	



Hook Double, Plastic
Threaded, Ø30mm, Black
Code.....44243



Hook Plastic, Female,
Ø25mm, Black
Code.....38579



Plastic Support Clip

Code	Diameter (mm)
16702	16
16705	19
16703	25
16704	30
16707	50



Plastic adjustable support clip
Ø 25/32 mm

Code	Colour
45229	White
45230	Black

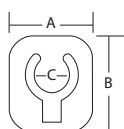


Plastic Support Clip,
Double, Adjustable,
Ø 18/25 mm, Black
Code.....45217



Plastic Support Clip,
Folding, White

Code	A (mm)	B (mm)	Ø C (mm)
196072	72	82	30



Plastic Support Clip,
Screwed



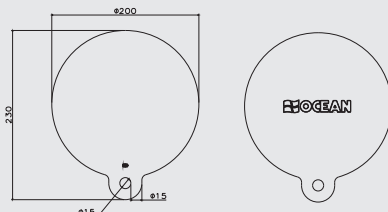
Code	Diameter (mm)	Colour
45191	15	White
45192		Black
45197	20	White
45198		Black
45203	25	White
45204		Black
45209	30	White
45210		Black
45215	35	White
45216		Black
45235	40	White
45236		Black
45241	45	White
45242		Black

new



OCEAN Sports Buoy, red, 23cmx20cm

Code...72450




Mooring Buoy Bi-Conical, Plastic
UV resistant

Code	Colour	Diameter (mm)	Height (mm)	Buoyancy	
				overall (kg)	in use (kg)
43433	Yellow	220	540	5,5	2,7
16412	White				
16413	Orange				
43431	Yellow	280	640	10	5
43430	White				
43429	Orange				
43427	Yellow	320	750	24	12
16414	White				
16415	Orange				
30631	Yellow	520	1070	61	30
16416	White				
16417	Orange				


Mooring Buoy Bi-Conical, with Foam & Galvanised Steel Rod
UV resistant

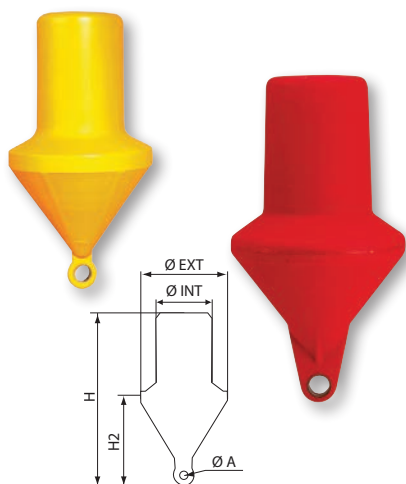
Code	Colour	Diameter (mm)	Height (mm)	Buoyancy	
				Overall (kg)	In use (kg)
43441	Orange	320	660	18	9
43442	White				
43444	Orange	320	880	18	9
43445	White				
43447	Orange	520	1030	58	29
43448	White				



Mooring Buoy Rigid Plastic

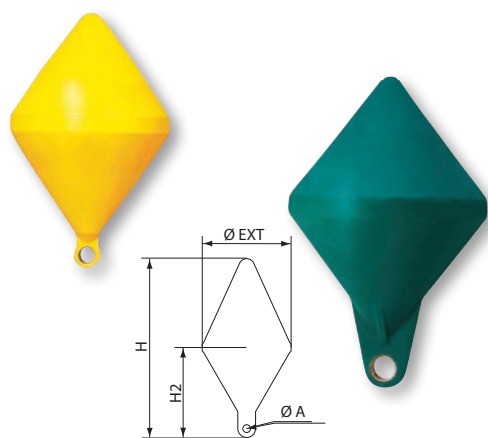
Code	Colour	Diameter (mm)	Height (mm)	Buoyancy	
				Overall (kg)	In use (kg)
16389	Yellow	250	390	9,5	4,5
16387	White				
16388	Orange				





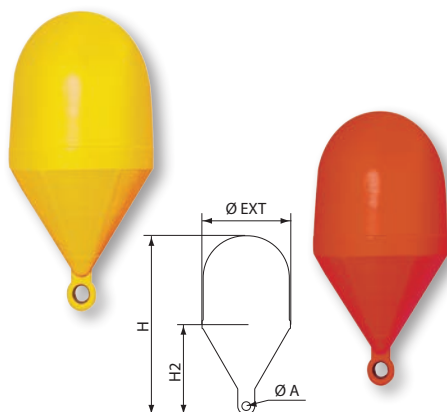
Marking Buoy Cylindrical
Made of rigid plastic. A metal eyelet reinforces the ring.

Code	Use	Colour	Description	Dimensions					Buoyancy	
				Ø Ext (mm)	Ø Int (mm)	H (mm)	H2 (mm)	Ø A (mm)	Overall (kg)	In use (kg)
16433	Portside channel marking	Yellow	Empty	400	250	740	363	38	38	14
31928		Red								
16434		Yellow	Foam filled						36	12
31312		Red								
43404	Large size for channel entrance Portside side	Yellow	Empty	800	510	1610	790	55	290	110
43405		Red								
16436		Yellow	Foam filled						265	95
35628		Red								



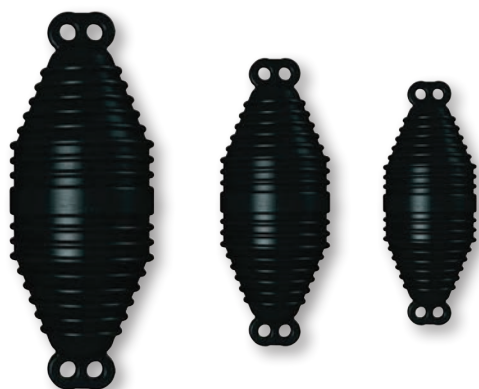
Marking Buoy Bi-Conical
Made of rigid plastic. A metal eyelet reinforces the ring.

Code	Use	Colour	Description	Dimensions				Buoyancy	
				Ø Ext (mm)	H (mm)	H2 (mm)	Ø A (mm)	Overall (kg)	In use (kg)
16440	Starboard channel marking	Yellow	Empty	400	640	363	55	30	14
31929		Green							
16442		Yellow	Foam filled					28	12
31311		Green							
43418	Large size for channel entrance. Starboard side	Yellow	Empty	800	1610	770	55	200	100
43420		Green							
16443		Yellow	Foam filled					190	90
35629		Green							



Marking Buoy Spherical
Made of rigid plastic. A metal eyelet reinforces the ring.

Code	Use	Colour	Description	Dimensions				Buoyancy	
				Ø Ext (mm)	H (mm)	H2 (mm)	Ø A (mm)	Overall (kg)	In use (kg)
16427	Marking the limits of reserved areas	Yellow	Empty	400	660	32	55	45	14
16428		Yellow	Foam filled					42,5	12,5
35750		Red	Empty					45	14
16430	Marking the limits of reserved areas	Yellow	Foam filled	600	1100	-	55	124	39
43411	Outer rim of the 300 m coastline	Yellow	Empty	800	1610	810	55	412	102
11673		Yellow	Foam filled					400	90



Marking Buoy Mussel Farming, HDPE
High-density polyethylene, UV resistant

Code	Colour	Diameter (mm)	Height (mm)	Buoyancy	
				Overall (kg)	In use (kg)
197451	Black	530	1000	65	32
197450	Black	530	1200	110	55
197449	Black	530	1400	150	75

new



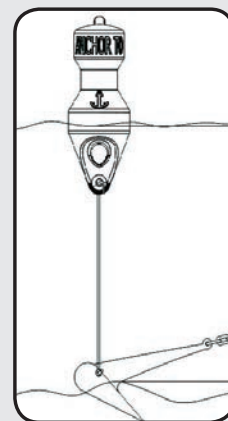
Led Light



Anchor Mooring Buoy with Led Light & Reflective Tape

It marks the exact position of the anchor. It is supplied with LED - type flashlight, which operates with one D-type Alkaline battery and with a sensor, to flash only during the night hours. (3 flashes per minutes) Fitted with Solas approved reflective tape, to give extra help locate the buoy at night. Material: HDPE.

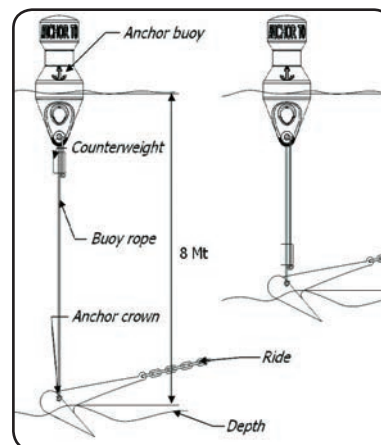
Code	Diameter (mm)	Height (mm)	Weight (kg)
636020	200	570	1



Anchor Mooring Buoy with Reflective Tape & Line 11m

It marks the exact position of the anchor with a lead counterweight that self adjusts the line length with depths between 4 and 10 m. Solas approved reflective tape to help buoy location at night. It helps to retrieve a fouled anchor by lifting it up from the anchor crown. Easy to use and stow it away in the anchor peak. Material: HDPE.

Code	Diameter (mm)	L line (m)	Height (mm)	Weight (kg)
197765	200	11	507	2



Surface Float w/Hole, Round
Polyethylene



Code	Colour	Diameter (mm)	Rope Diameter (mm)	Buoyancy	
				Overall (g)	In use (g)
43952	Orange	45	7	58	29
43956		50	8	62	31
43960		57	8	71	35
43970		75	12	95	47
43971	White	75	12	95	47

Surface Float w/Hole, Spherical
Suitable for fitting marker flag



Code	Colour	Diameter (mm)	Rope Diameter (mm)	Buoyancy	
				Overall (g)	In use (g)
43399	Yellow	190	19	1,8	0,9
16384	Orange				
16383	White				
43397	Yellow	260	28	8,5	4,2
16386	Orange				
16385	White				

Diver Buoy

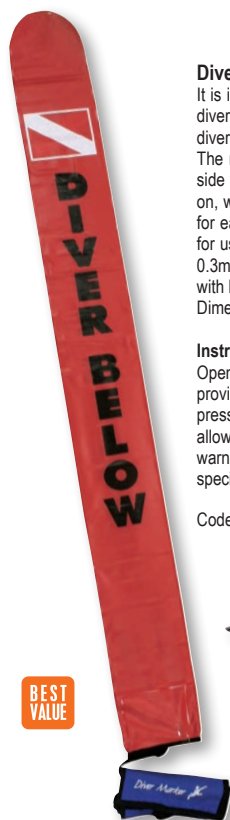
It is ideal for diving wearing air cylinders. It is easy for the diver to use, since it is especially designed so as to allow diver freedom of movement without jeopardizing his safety. The red buoy is folded and attached with a rope (6m) inside the blue case; the case has a sewn black plastic clip on, which allows the diver to fasten the buoy onto his suit for easy carrying. Additionally, the case features a whistle for use in any emergency. The buoy is made of soft PVC, 0.3mm thick, while the case is made of 1000D Polyester with PVC film, 0.5mm thick.

Dimensions: L 20cm W 8cm (packed)
H 145cm W 15cm (inflated)

Instructions of Use

Open the case and release the buoy. Use the cylinder to provide the buoy with a small quantity of air. In this way, the pressure of the air, along with the pressure of the water will allow the buoy to inflate and pop up onto the water surface, warning other boats that a diver will soon be afloat at this specific point.

Code...70017

BEST VALUE**BEST VALUE**

Round marker buoy small, "SAFE DIVE"
diam. 30cm, height 50cm

Code..... 97814

BEST VALUE

Torpedo diving marker buoy, "SAFE DIVE"
diam. 28cm, length 88cm

Code..... 97816

BEST VALUE

Torpedo diving marker buoy, reinforced, "SAFE DIVE" with 20m rope
Code..... 97813

Race Mark Buoy

The Lalizas Race Mark Buoy has been designed especially to meet the demands of races. It features one inflation/deflation valve and one large transparent pocket (69 x 58cm) that can be used for advertising purposes. There are also 4 attachment points for the anchor line and in order to absorb the pulling forces of the latter, the Lalizas Race Mark Buoy is fitted with a special net. Despite its size, when it is inflated (height: 1.5m, diameter: 0.90m), it is very easy to carry. It is made of UV resistant PVC, in bright yellow colour for high visibility.

Code	51030
Model	Cylindrical
Diameter	0,90m
Height	1,50m
Inflated Weight	4kg
Transparent Pocket	1

BEST VALUE

Attachment points for the anchor line



Inflation/deflation valve



Transparent pocket

Mooring Springs**Mooring Spring, Inox 316**

Code	99639	99640	99641
Length (mm)	270	320	410
Diameter (mm)	50	54	80
Breaking load (Kg)	95	120	220
For Boats up to aprox. (m)	5	6	10
Max. Boat weight (ton.)	1	1,5	6

Mooring Spring, Inox 316

Code	70621	70622
Length (mm)	460	460
Diameter (mm)	88	90
Breaking load (Kg)	220	420
For Boats up to aprox. (m)	10	12
Max. Boat weight (ton.)	6	8

Mooring Springs



MILLA Mooring Rubber Compens



Code	44264	44265	44266
For boat (m)	4.5	7	10
For line Ø (mm)	16	20	20
Length (mm)	220	270	330
Width (mm)	40	45	50
Thickness (mm)	33	33	36

Platforms & Gangway

Platform with ladder
Inox 316

Code	99516	99517
Width (mm)	210	270
Length (mm)	390	
Wood	Teak	

Platform with folding
ladder Inox 316

Code	99514
Width (mm)	450
Length (mm)	390
Wood	Teak

Platform with telescopic
ladder Inox 316

Code	99515
Width (mm)	450
Length (mm)	390
Wood	Teak



Platform Inox 316

Code	99510	99511
Diameter (mm)	25	
Width (mm)	450	600
Length (mm)	500	
Wood	Teak	



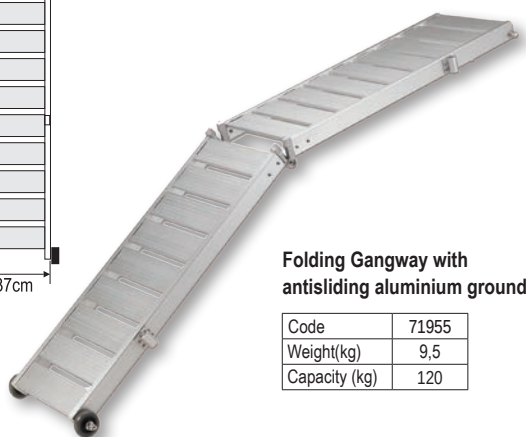
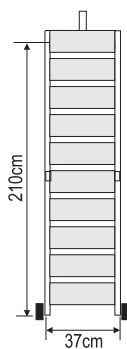
Platform Inox 316

Code	99509
Width (mm)	450
Length (mm)	390
Wood	Teak



Platform Inox 316

Code	99512	99513
Diameter (mm)	25	
Width (mm)	210	270
Length (mm)	390	
Wood	Teak	



Folding Gangway with antisliding aluminium ground

Code	71955
Weight(kg)	9,5
Capacity (kg)	120

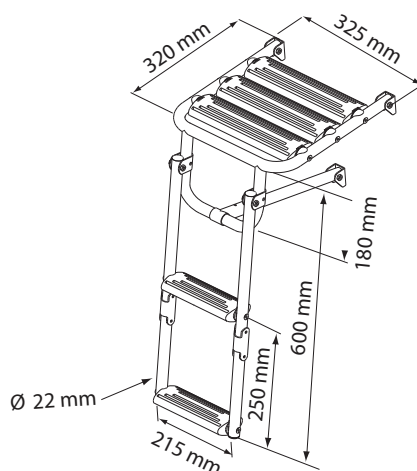
new

Wooden gangway 2,4m
Code...42073



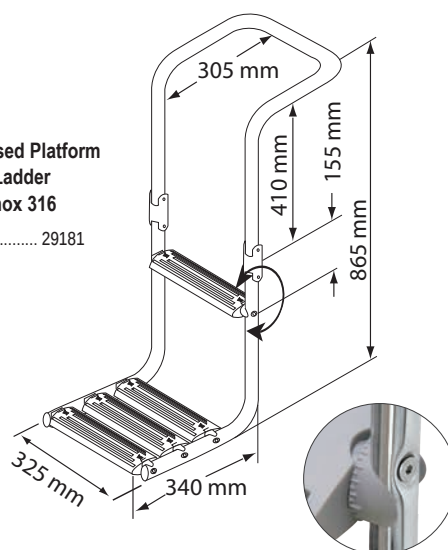
Platform Ladder, Inox 316, with 2 Plastic Steps

Code 29390



**Immersed Platform Ladder
Inox 316**

Code 29181



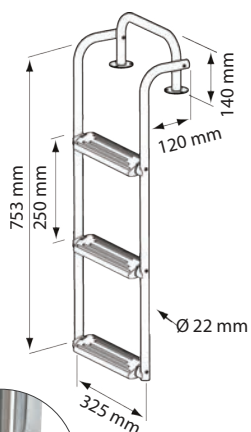
Adjustable Steps

Boarding Ladders & Accessories

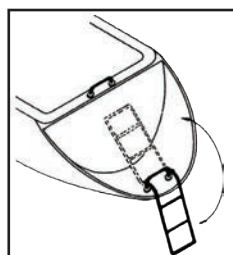


Foldable Ladder,Inox 316, 3 steps 90°- 180°

Code 55694

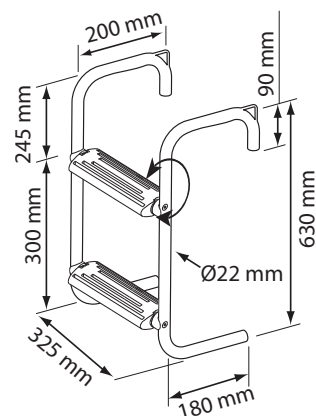


Adjustable Steps



Raft Ladder,Inox 316 2 steps

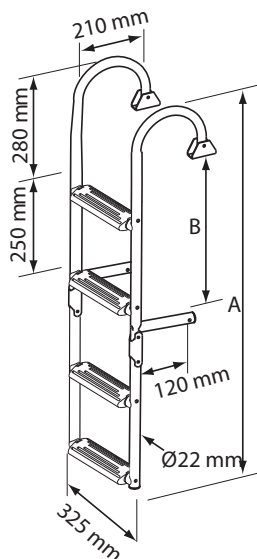
Code 55706



Adjustable Steps

Foltable Ladder, Inox 316, 180°

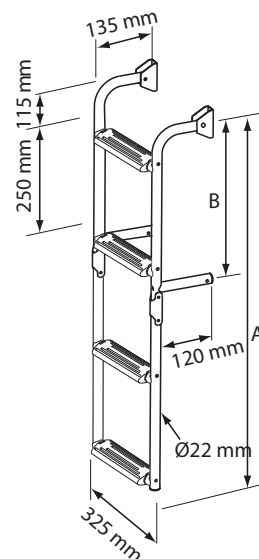
Code	A (mm)	B (mm)	Steps
55695	1050	405	2 + 2
55696	1300	655	3 + 2
55697	1300	405	2 + 3
55698	1550	655	3 + 3



Adjustable Steps

Foltable Ladder, Inox 316, 90°

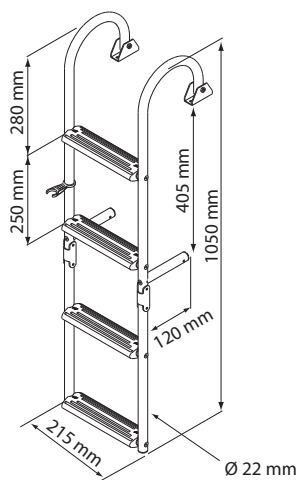
Code	A (mm)	B (mm)	Steps
55699	785	300	1 + 2
55700	835	370	2 + 2
55701	1085	620	3 + 2
55702	1085	370	2 + 3
55703	1335	620	3 + 3



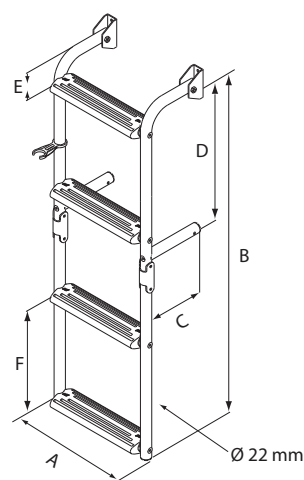
Adjustable Steps

Foltable Ladder, Inox 316
for Narrow Transom,
2+2 steps, 180°

Code 30535

Foltable Ladder for Narrow Transom,
Inox 316, 90°

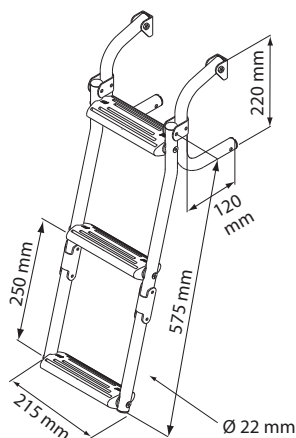
Code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Steps
30536	215	835	120	370	70	250	2 + 2
36275	215	705	120	205	160	250	1 + 2





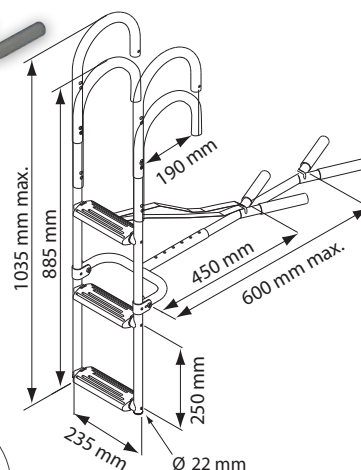
**Foltable Ladder, Inox 316
for Narrow Transom,
2+1 steps**

Code 29398



**Bow Ladder, Inox 316,
3 steps**

Code 29392



Adjustable Steps



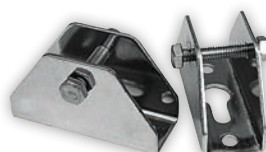
**Fixing plate for ladder,
Inox**

Code 27073



**Stand-off extension, Ø25,
12cm**

Code 12563



Ladder support base

Code 12587



**Kit for adjustable step,
2 pcs**

Code 30537



**Hinge for Folding Ladder,
Ø22mm**

Code 02439



**Connection Ladder,
without base, Ø22mm**

Code 02442



**Connection Ladder,
T shape, Ø22mm**

Code 02443



**Ladders Support
Base Narrow**

Code 29999



**Round base, 90°, INOX 316,
Diam. 22mm,
Base Diam. 54mm**

Code 70616



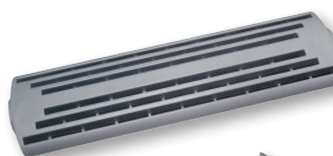
Add on step, Inox 316

Code 12572



**Footrest Ø22mm,
Stainless Steel, 440x120mm**

Code 44213



Set Ladder Step with fitting, grey

Code	Length (mm)	For tube
15684	180	Ø 22
15680	260	Ø 22



Inox Ladders

Made of 25mm marine grade stainless steel tubing, with black non-slip plastic steps. Ladders come complete with stand offs and one pair of keyhole plates with backing pads, and is suitable for most hulls hooks fold flat for out of the way storage.

Code	50053	50054	50055
Steps	3	4	5
Height(cm)	83	113	136
Width(cm)	35	35	35
Weight(gr)	1920	2200	2900



Aluminum Ladders

Made of 25mm marine grade anodized aluminum tubing, with non-slip polypropylene steps. These Ladders come complete with two stand-off feet to suit the contours of most hulls. The hooks fold flat for out-of-the-way storage.

Code	50032	50033	50034	50035
Steps	2	3	4	5
Height(cm)	55	83	110	136
Width(cm)	35	35	35	35
Weight(gr)	950	1200	1550	1800



Rope Ladders

These handy, easily stored, rope ladders are designed to be used on boats for easy boarding. As the ladder secures around any cleat, no permanent mounting is necessary.

Code	50042	50043	50044
Steps	2	3	4
Height(cm)	62	80	102
Width(cm)	35	35	35
Weight(gr)	250	400	500



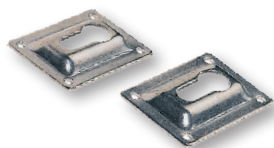
**Step for
Aluminum & Inox
Ladder - White**
Code..... 50160



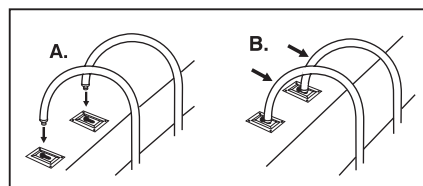
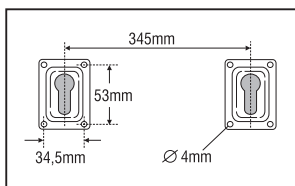
**Step for
Aluminum & Inox
Ladder - Black**
Code..... 50170



**Step for
Rope Ladder -
White**
Code..... 50150

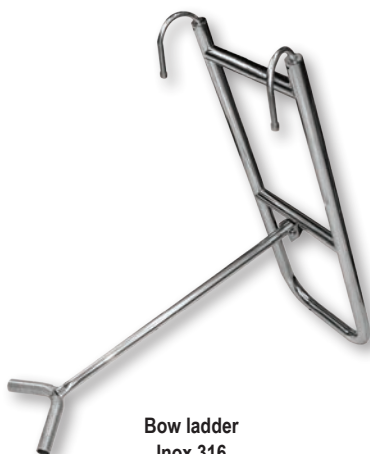


Key Hole Plate
Code..... 00636



**Ladder
for sailing boat Inox 316**

Code	99502
Steps	4
Diameter (mm)	25
Width (mm)	270
Length (mm)	900



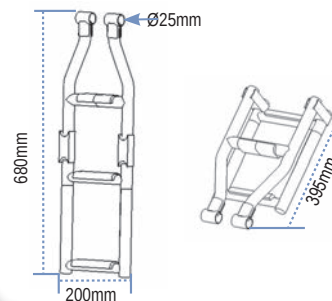
**Bow ladder
Inox 316**

Code	70644
Steps	3
Diameter (mm)	25
Width (mm)	230
Length (mm)	1060



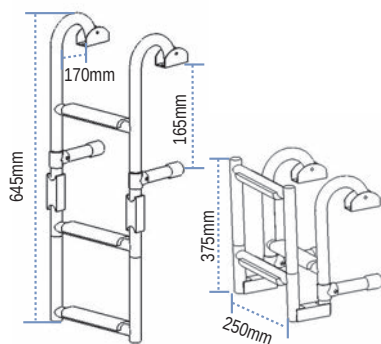
Folding ladder, Inox 316

Code	70086
Steps	1+2
Diameter (mm)	25

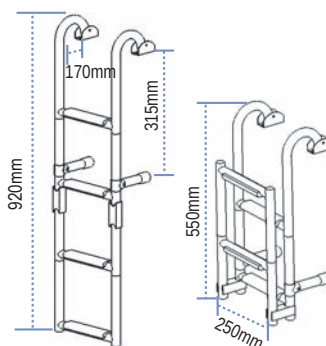




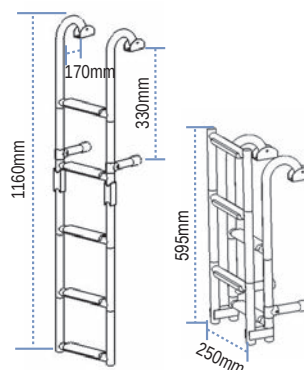
Gunwale mount hook
folding ladder
Inox 316



Code	99497
Steps	1+2
Diameter (mm)	22



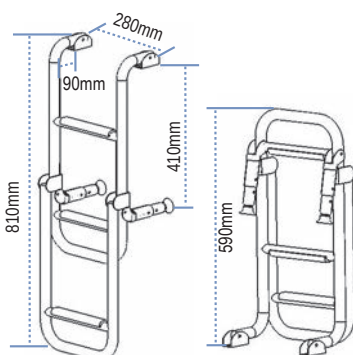
Code	99498
Steps	2+2
Diameter (mm)	22



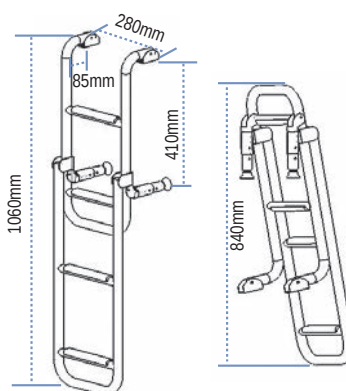
Code	99499
Steps	2+3
Diameter (mm)	22



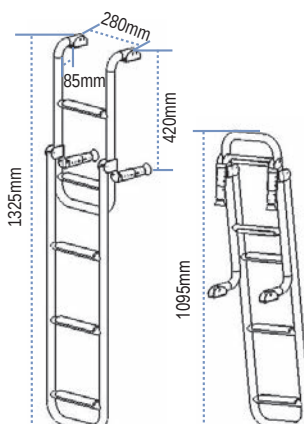
Folding ladder, Inox 316



Code	70146
Steps	1+2
Diameter (mm)	25



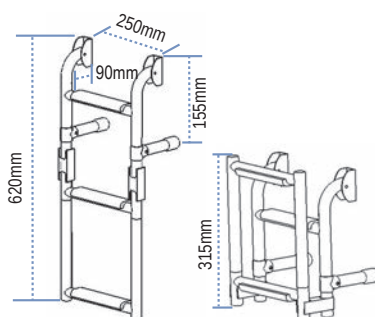
Code	70088
Steps	2+2
Diameter (mm)	25



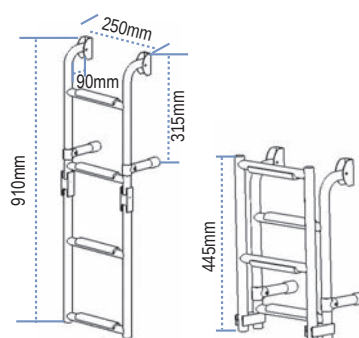
Code	70147
Steps	2+3
Diameter (mm)	25



Folding
ladder for transom
Inox 316



Code	99500
Steps	1+2
Diameter (mm)	22



Code	99501
Steps	2+2
Diameter (mm)	22



Mounting bracket,
Diam. 25mm
Code.....70647



Spare Hinge for ladders,
Diam. 25mm
Code.....70646



Mounting bracket with pin,
Diam. 25mm
Code.....99527



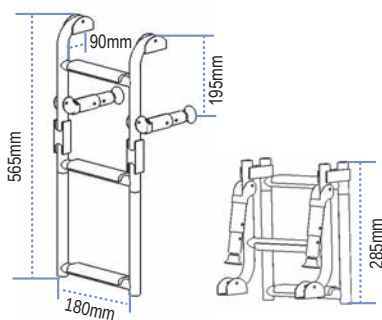
Mounting bracket
for ladders

Code	70613	70614
Diameter(mm)	22	25

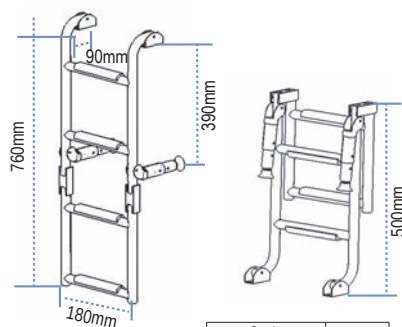
Boarding Ladders & Accessories



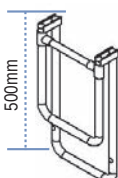
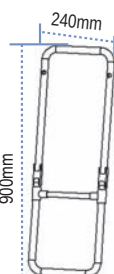
Folding ladder,
Inox 316



Code	70089
Steps	1+2
Diameter (mm)	25

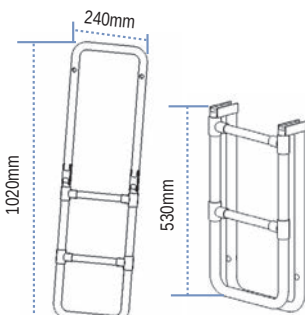


Code	70148
Steps	2+2
Diameter (mm)	25

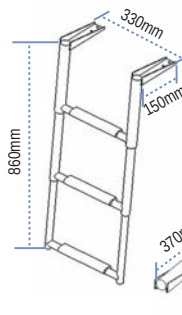


Folding ladder for inflatable
boats, Aluminium

Code	99507
Steps	2
Diameter (mm)	25



Code	71200
Steps	3
Diameter (mm)	25

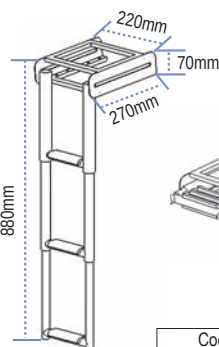


Telescopic Ladder
Inox 316

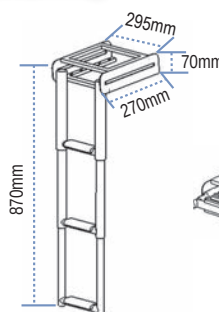
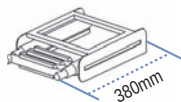
Code	70610
Steps	3



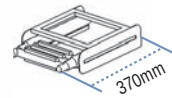
Telescopic ladder under the
platform, Inox 316,



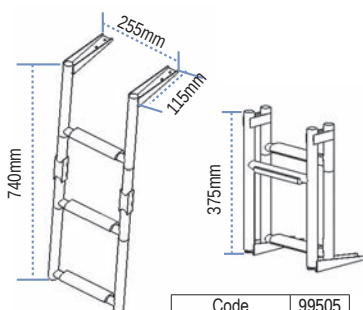
Code	99503
Steps	3



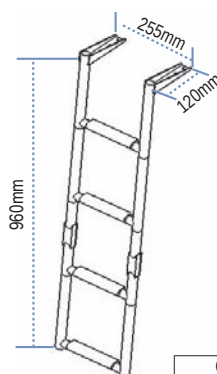
Code	99504
Steps	3



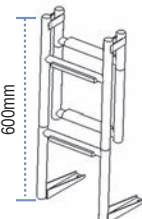
Ladder for
platform Inox 316



Code	99505
Steps	1+2
Diameter (mm)	22



Code	99506
Steps	2+2
Diameter (mm)	22



Trailers & Accesories

Manual & Electric Winches	234
Jockey Wheels	234
Wires	235
Tie-Downs	235
Winch Straps	236
Trailer Lights & Sockets	236



new



Trailer Winch, manual, single
& double gear, carbon steel,
with 10m winch cable & hook
Page 234

**SEA
WARE™**

new

Winch cable with hook
Page 235



new



Ratchet Tie-Down
with double J hook
Page 235

Carbon steel

Manual & Electric Winches

Electric Winch, AnchorWinch, 12V, 2000lb/1000kg

The AnchorWinch electric trailer winch of 2000lbs capacity features a unique mounting plate which allows you to temporarily or permanently mount it on any flat surface. It also features a built-in carry handle. It is supplied with a 15' (4.5m) power cable, a mounting plate & a hand crank.



Code..... 71143



Technical Characteristic

Magnet Motor: 12V DC, Max 40A, 0,4hp(0,30kw)
 Pulling Capacity: 2000lbs / 1000kg
 Line Speed: 6' (1,8m/min) with load
 Wire Rope (Diam. x L): 0,2" x 30' (5,1mm x 9m)
 Power Cord: 15' (4,5m) / 9,9'(3m)

Trailer Winch Safety Tips

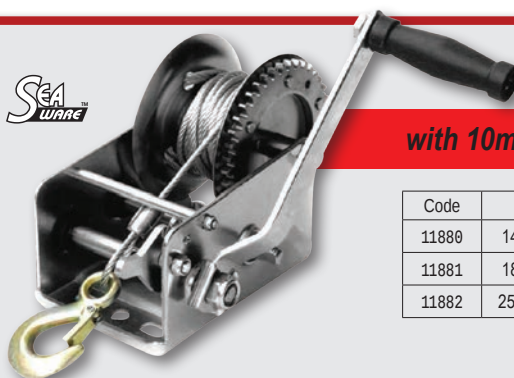
- Trailer winches are not tie downs. To prevent mishaps, use dedicated bow and stern tie downs to secure your boat on the trailer
- Make sure you have secure footing and proper leverage when using manual winches. Slips and falls by winch operators and injuries from winch handles that kick back are common boat ramp accidents.
- To avoid chafe on the winch line, be sure it doesn't rub against any sharp edges on the winch stand or trailer. If frayed or worn spots appear, replace the winch line immediately with a new rope, strap, or cable of the proper type, size, and strength. Cable life can be extended by frequently lubricating it with wire rope lubricant so the strands of cable slide by each other with less friction. Lubricating your winch cable will also reduce the number of snags and frays in the cable.

new

Trailer Winch, manual, single & double gear, carbon steel, with 10m winch cable & hook

The Seaware winches are made of corrosion-resistant, carbon steel for prolonged life. Our winches feature 3 positions (forward, neutral and reverse), adjusted by their comfortable handle. The various gear ratios reduce user effort and increase pulling efficiency. The capacity of Seaware winches range from 636 to 1135kg.

SEAWARE



with 10m winch cable & hook

Code	Capacity	Gear Ratio
11880	1400 lbs / 636kgs	4:1
11881	1800 lbs / 815kgs	4:1
11882	2500 lbs / 1135kgs	4:1 & 8:1



Winch cable with hook

Code	Capacity	Length	Diameter
99599	1700 Kgs	6m	5 mm
99600		10m	



Winch Strap

Code	Load	Length	Width
72151	2000 kgs	10m	50mm

Jockey Wheels

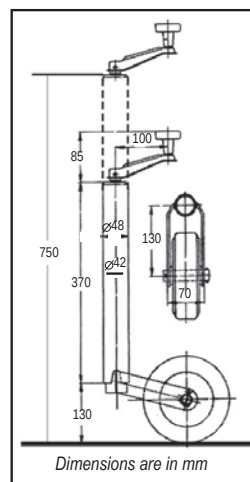


Jockey Wheel

The Seaware jockey wheel is made of high quality steel and features a rubber wheel for maximum support of the frame of the trailer. It can reach up to 750mm max. height, while the min. height is 500mm.

Code	99634
Loading(Kgs)	360
Min.height (mm)	500
Max. Height (mm)	750
Wheel dimensions(mm)	200x50

SEAWARE



Spare Wheel for Jockey Wheel, 200x50mm

Code..... 90288

new



Winch cable with hook

Code	Capacity (Kg)	Length	Diameter (mm)
99599	1700 Kgs	6m	5 mm
99600		10m	

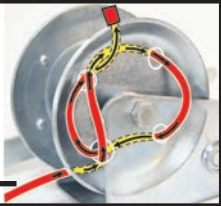
There are 2 ways to attach the winch cable on the winch

1st way:
Use the cable clamp to attach the edge of the winch cable on the drum



Boat Position ←

2nd way:
Follow the arrows to fix the cable on the winch by passing it through the 4 holes on the drum



Boat Position ←

Tie-Downs

Tie-Down Strap with self padded buckle

BEST
VALUE



Code	99006	99007
Width(mm)	25	25
Length(m)	2,5	4
Breaking Load(kg)	250	250

new

Ratchet Tie-Down with double J hook

Code	99013	99014	99015
Width(mm)	30	35	50
Length(m)	7	8	10
Breaking Load(kg)	1500	2500	5000



Carbon steel

Ratchet Tie-Down with S hook

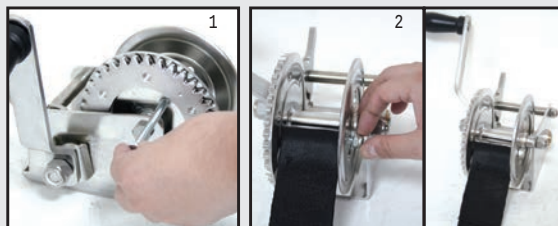
Code	99012
Width(mm)	25
Length(m)	6
Breaking Load(kg)	500



Carbon steel

new**Winch Strap**

Code	Load	Length	Width
72151	2000 kgs	10m	50mm



Pass the pin through the hole of the drum, at the spur gear's side and then through the strap loop (picture 1). Screw the bolt to secure the pin on the drums (picture 2).

Trailer Lights & Sockets



They are waterproof!!!

**Dome Light / Trailer Light, 2 LEDs,
12V & 24V, black (2 pcs)**

15 lumen, Dimensions: 77x36x21mm
Code.....71237



They are waterproof!!!

**Dome Light / Trailer Light, 12 LEDs,
12V & 24V, black (2 pcs)**

90 lumen, Dimensions: 104x60x26mm
Code.....71235



**Dome Light / Trailer Light, 25 LEDs,
12V & 24V, black**

187,5 lumen, Dimensions: 200x58x30mm
Code.....71236

LED Trailer Light, waterproof

- Application: Stop / Tail / Indicator Light
- Multi-Working Voltage: 12V & 24V
- Low Power Consumption
- Longer Life
- Easy to Install
- Waterproof
- Shockproof
- Vibration proof
- Rustproof



90006

90007

Code	90006	90007
Description	Double	Single
Dimensions(mm)	190x100x28	100x100x28mm
LEDs	72 (36A & 36R)	24 (12A & 12R)

SEA WARE™



**Trailer Plug Female, fixed,
7 pin**

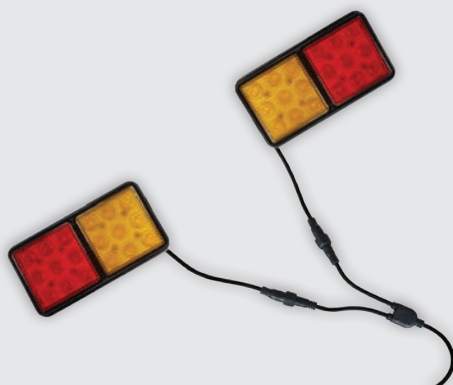
Code.....11887

SEA WARE™



**Trailer Plug Male,
7 pin,
for 11887 plug**

Code.....99605

new

Trailer light LED kit with cable 8m

Code.....72452

Bimini Tops, Seating & Covers

Helm & Bucket Seats	238
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Boat Cover SeaCover

Page 241

SEA
COVER

new

Folding Chair, White

Page 238

Helm & Bucket Seats



**Admiral chair w/ full cushion
graphite, Springfield**

Height 43 x Width 48 x Depth 43 cm
Code.....90095



First Mate Chair shell, Springfield

Height 38 x Width 44,5 x Depth 39 cm
Code.....99579



Folding Chair, White

Height 48,26xWidth 40,64xDepth 48,26cm
Code.....72106

Seat Bases



**Seat Pedestal,
Columbia fixed,
Springfield**

Code.....90136



**Seat Pedestal Columbia,
adjust. Height 352-428mm,
Springfield**

Code.....90130



**Seat Swivel, with 12
locking positions,
Springfield**

Code.....90133



**Seat Swivel Base,
174 x 174mm,
Springfield**

Code.....99580



**Chair Slide, Trac-
Lock II, Springfield**

Code.....90131



**Seat base, telescopic,
Inox 316, Diam: 60mm,
Height: 450mm**

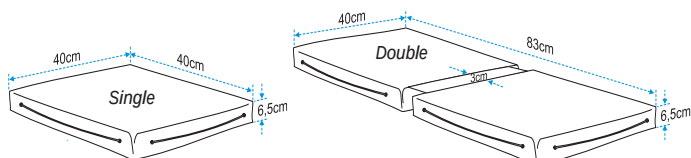
Code.....99519

Buoyant Deck Cushions

Buoyant deck cushions

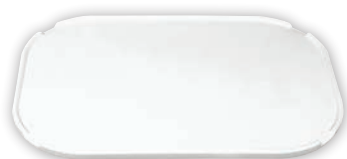
Buoyant deck cushions are equipped with a waterproof outer material and are filled with polyethylene foam. There are integral straps around the cushions, so as to carry them easily and quickly. The cushions lock on your boat through a nylon hook at their back. Buoyancy cushions are either single or double, depending on your needs and come in white, red and blue colours. White cushions are made of PVC, while red and blue cushions are made of polyester with PVC overlay. It is recommended cleaning the cushions with cold fresh water.

Code	Deck Cushion	Colour	Material	Buoyancy (kg)	Weight (kg)
11511	Single	White	PVC	9,5	0,6
11512	Double			19,5	1,25
11513	Single	Red	Polyester	9	0,55
11514	Double			19	1,20
11515	Single	Blue		9	0,55
11516	Double			19	1,20



**BEST
VALUE**





49722



47087



197241



197292

Table tops, white

Code	Model	Material	Length (mm)	Width (mm)	Thickness (mm)
49722	Rectangular	Polyethylen	700	500	30
47087	Round	Polyethylen	Ø 600		30
197241*	Round	White ASA, impervious to UV and chemical solvents	Ø 610		40
197292*	Oval	White ASA, impervious to UV and chemical solvents	760	450	40

*with 2 glass holders

Table Top Plate,
Ø190mm-H.55mm, White

Code.....43263

Table Bottom Plate, Deck-mount,
Ø190mm-H.55mm, White

Code.....196163

Table Bottom Plate, Flushmount,
Aluminium, Ø150mm-H.9,5mm

Code.....197291

Table Bottom Plate, Flushmount,
Ø190mm-H.10mm, White

Code.....43261

Compatibility Chart

Description		Code	Table Top			
						
Top Plate		43263	Yes	Yes		
Bottom Plate	Deck Mount	196163	Yes	Yes	Yes	Yes
	Flush Mount	197291	Yes	Yes	Yes	Yes
		43261	Yes	Yes	Yes	Yes
Pedestals	Fixed	44048	Yes	Yes	Yes*	Yes*
		44049	Yes	Yes	Yes*	Yes*
	Telescopic	44060	Yes	Yes	Yes*	Yes*
		44058	Yes	Yes	Yes*	Yes*

*Screws directly on table top

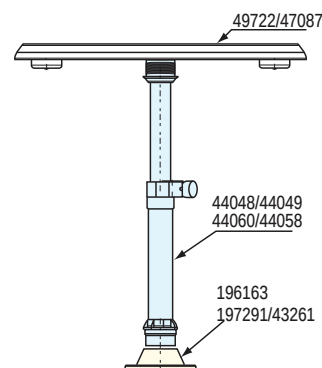
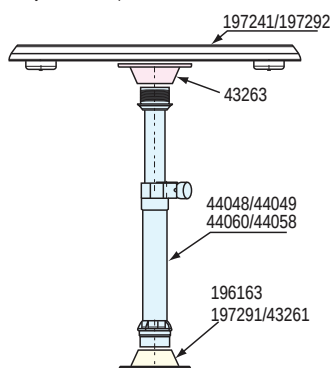


Table Pedestal

Code	Description	Tube Ø (mm)	Height H1 (mm)	Height H2 (mm)
44048	Fixed tube White	60	530	610
44049	enamelled aluminium	60	690	770
44060	Telescopic tube White	60	300 / 520	380 / 600
44058	enamelled aluminium	60	400 / 730	480 / 810



Clips for table pedestals

Code.....197289

Support bracket
for tables, Inox 316,
300x165x20mm

Code.....70633



BEST
VALUE



Engine Covers

SeaCover for engines are ideal for their protection against water, sun and dust. They are made of extra strong Polyester 420D, 0,15mm thick, for maximum water resistance and UV protection.

They are suitable for most types of outboard engines, from 2 to 300hp and are available as two different types. There are covers which are suitable only for the top part of the engine (not the shaft) and feature an elastic cord for an ideal fit to most types of outboard engines. There are also full body covers, which feature an elastic cord and a zipper, so as to ensure the best possible engine protection, including it's shaft. You can find 7 different sizes of covers for the top part of the engine only, and 3 different sizes for full body covers. All SeaCover covers are supplied in silver.

The tables below show the different sizes of SeaCover. The dimensions refer to the length, width and height of the cover (Drawing 1). The horsepower quoted is approximate and it is not the only factor that should be taken into consideration when choosing your cover. The type of the engine (2 stroke, 4 stroke), the length of the throttle grip, the brand of your motor and its production date should also be taken into account.



BEST
VALUE

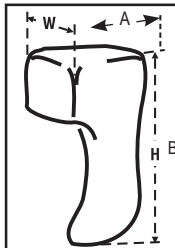


Full body covers

Code	57329	57330	57331
H.P (Approximate)	2,5-10	8-70	70-150
A(cm)	75	87	125
B(cm)	125	157	210

Covers for the top part of the engine

Code	57269	57270	57271	57272	57273	57274	57275
H.P (Approximate)	2-5	2-15	10-45	30-90	70-150	115-225	150-300
A(cm)	40	48	55	63	73	75	90
B(cm)	25	27	33	35	40	45	60
C(cm)	32	35	45	50	65	75	80



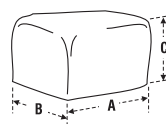
To choose the most suitable full-body cover for your engine, you should measure the engine's height (B) as well as its width (W). In order to calculate correctly the maximum height that the appropriate cover should have, you should deduct from the engine's height (B) half of its width (W).

For instance, if the height (B) of your engine is 210cm and its width (W) is 50cm, then the cover that you need should be 185cm (210cm-25cm) high. Therefore, in this case, the correct cover is cover 57331, which is 210cm high, as indicated in the relevant table.

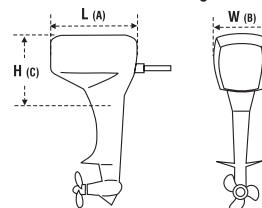
To choose the most suitable cover for the top part of your engine, measure as shown in Drawing 2 and determine the dimensions that closely match your model.

*When calculating the height of the engine you should also include a part of the shaft, as shown in Drawing 2, in order to ensure that the engine will be covered completely underneath (apart from the shaft).

COVER - Drawing 1



ENGINE - Drawing 2



Boat Cover Support System

The Boat Cover Support System will ideally extend the life of your boat and cover. Easily installed and adjusted, it keeps water and debris from accumulating in the center of the cover. The kit includes one telescopic aluminium pole (50cm to 116cm) which is positioned in the center of your boat with a wide support on top and highly resistant plastic webbing straps, which are hooked from bow to stern. The Boat Cover Support System fits all covers for boats up to 7m.



Code.....57276

Installation Instructions

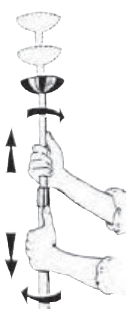
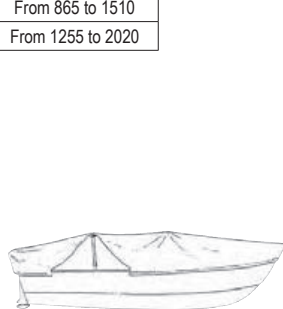
1. Position the strap center point over the bow of the boat. The protective sleeves should be positioned so that the strap does not come in contact with the front edges of the boat
2. Pull the straps evenly over the boat
3. Weave the straps through the triangular support piece in an "under-over-under" pattern, so that the straps lay on top of the support
4. Insert the pole into the triangular support piece and raise the pole to its highest point. Twist the pole sections to loosen and to tighten
5. Hook the ends of the straps on the boat trailer
6. Adjust the straps evenly, so that they are tight and the pole stands upright
7. Carefully pull the boat cover over the straps, so as not to move the pole. The pole may need to be adjusted further depending on the shape and size of your boat and its cover



Boat Cover Support, Aluminium Telescopic

Ideal for wintering, to prevent water stagnation in the awning.

Code	Height (mm)
43213	From 665 to 1020
27497	From 865 to 1510
43214	From 1255 to 2020



Hook for Inflatable Boat Cover

Rope or shock cord 8 mm max.
Length 40 x height 40 mm

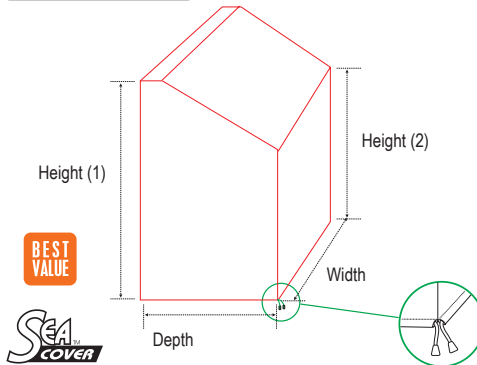
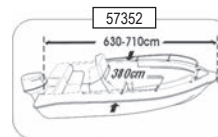
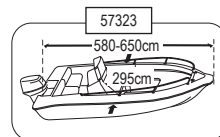
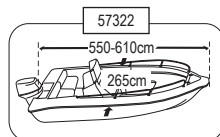
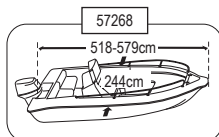
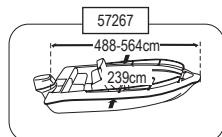
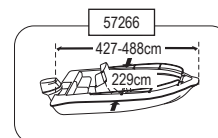
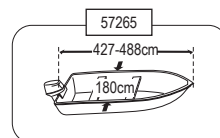
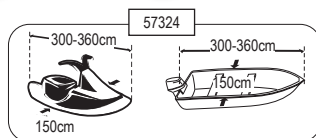
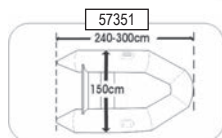
Code	Colour
28112	Black
44015	White
44016	Grey

Boat Cover SeaCover

The Boat Cover, SeaCover is ideal to cover and protect your boat against rain, dust and sun. It combines high construction standards with high quality materials, and is available in several sizes depending on the boat's dimensions. Mini, junior and sizes from 1 to 6 are made of extra strong PA coated Polyester 420D for maximum water resistance and are available in silver. Sea Cover, Size 7 is made of 600D Polyester and is available in blue. They all feature an elastic cord all round for an ideal fit and double stitched seams for long lasting use. Additionally, they have non-scratching plastic D-rings for extra hull protection while fixing. The "Sea Cover" can be used in fishing or recreational boats, inflatable or motorboats with or without cockpit and rails.



Code		57351	57324	57265	57266	57267	57268	57322	57323	57352
Size		Junior	Mini	1	2	3	4	5	6	7
Loops	Each Side	2pcs	3pcs	4pcs						
	Back	2pcs	2pcs	2pcs						
	Total	6pcs	8pcs	10pcs						
Colour		Silver								Blue



Console Cover

This console cover is supplied in silver and five different sizes. It is made of extra strong Polyester 420D, 0.15mm thick, with double stitched seams for long lasting use and features a cord all around at the bottom for an ideal fit. It also provides superb UV Protection and reduces the possibility of damage to instruments and electronics, due to weather conditions.

Code	Size	Dimensions (cm)			
		Height (1)	Height (2)	Depth	Width
57355	1	115	90	45	55
57356	2	90	65	75	85
57357	3	120	105	70	65
57358	4	140	100	90	70
57364	5	140	100	90	90

Optimist Boat Cover

Protects your Optimist from heavy wear and prolongs its life. The Optimist boat cover drapes the entire dingy and closes tightly for storage. It is made of heavy duty 600D Polyester with PVC backing and ripstop reinforcement to resist in rough weather conditions.



Code.....70174
Dimensions (cm)....220x100

**BEST
VALUE**



Lalizas Laser Boat Cover

Code....71296

Bimini Tops & Shades

CHOOSING THE RIGHT CANOPY

When choosing a canopy for your boat you should first ensure that the model is suitable for your type of boat (sail or power). It is also important to ensure that you measure your boat accurately and also make sure that adequate fitting space is available.

Step 1. Calculate the Length (A)

On sailing boats, we recommend the length of the canopy to be equal to the distance between the center of the companion way steps to a point just beyond the rear of the cockpit. This measurement should reach the backstay without including it. If you prefer a larger canopy, you should make the appropriate modifications in order for the backstay to pass through the canopy. In powerboats the length of the canopy is only defined by your specific requirements and the area of the boat you wish to cover. So, (A1-A2) = Canopy Length

Step 2. Points of Installation

On sailing and powerboats, the points of installation are calculated by dividing the canopy length by 2. i.e. $A/2 = \text{Points of Installation B1 \& B2}$.

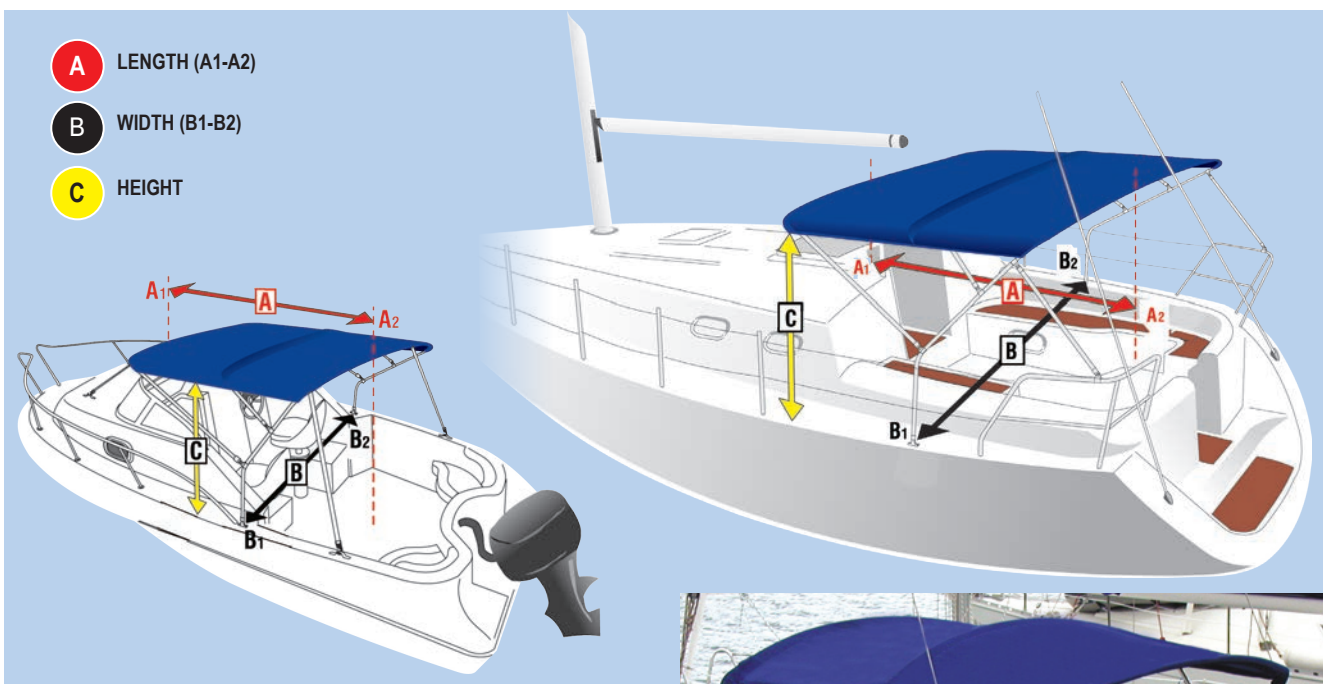
This formula gives you the distance between points A1 or A2 to the point where you should place the canopy. In sailing boats these points should be slightly inboard of the rails to cover the cockpit area. On powerboats the usual installation point is the middle of the gunwale.

Step 3. Calculate the Width (B)

Measure the distance between the installation points. So (B1-B2) = Width Please note that the width of the canopy is not necessarily the width of the boat.

Step 4. Calculate the Height (C)

Calculate the height of the canopy according to your own requirements. In order to measure the height, just measure the distance between the installation points and to the desired height. On powerboats, the height of canopy should not obstruct navigation lights.



Canopy Inox "Athens", blue

The "Athens" range has been designed to the highest standards. The frame is made of stainless steel for extended life and high resistance to corrosion, while also providing an attractive, polished finish. It is available in various sizes with lengths varying from 180 to 280 cm, width 180 to 280cm, while the height is adjustable, up to a maximum of 155cm. The canopy top is made of PVC coated Nylon fabric, which is 100% waterproof, UV resistant and is available in a smart blue. Choose the frame whose dimensions fit the nearest to your boat. Follow the instructions on page 136, fit, and enjoy.

Code	70907	70908	70909	70910	70911	70912	70913	70914	70915	70916
Length(cm)	180	180	180	200	200	240	240	240	280	280
Width(cm)	180	230	280	200	215	180	230	280	230	280
Height(cm)	155	155	155	155	155	155	155	155	155	155



Complete Solution



Aluminium Canopies "Poseidon", white

The "Poseidon" is the only one of our range of professional canopies offering a single span design with aluminium tubes, heavy weight waterproof fabric and UV stable polycarbonate hinges and fittings. All you need to supply are the screws.

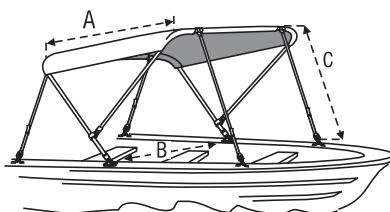
Code	57320	50461	50462	50463	50464
A(cm)			180		
B(cm)	130	150	170	190	210
C(cm)			110		



Aluminium Canopies "Venus", white

Offered in the same five sizes as the "Poseidon", the "Venus" follows the same design parameters as that model. In addition a central support is fitted to stop any sag in the fabric. This also allows for less tension to be applied to the adjustable tethers used to maintain the shape of the canopy.

Code	57321	50481	50482	50483	50484
A(cm)			180		
B(cm)	130	150	170	190	210
C(cm)			135		



Aluminium Canopies "Zeus", white

Our largest canopy, with quadruple supports the "Zeus" offers a sag free canopy at low line tensions, which can still be hinged back and stowed. Made from the same proven materials as the rest of our range, this canopy offers over 5m of covered area.

Code	50501	50502	50503
A(cm)		240	
B(cm)	170	190	210
C(cm)		135	



Canopies "Basic", white

These competitively priced canopies are designed to be used as shade canopies on rigid craft and small inflatables. It is constructed from strong nylon coated PVC, with marine grade anodized aluminum supports. Available with white top. Canopy accessories are available separately.

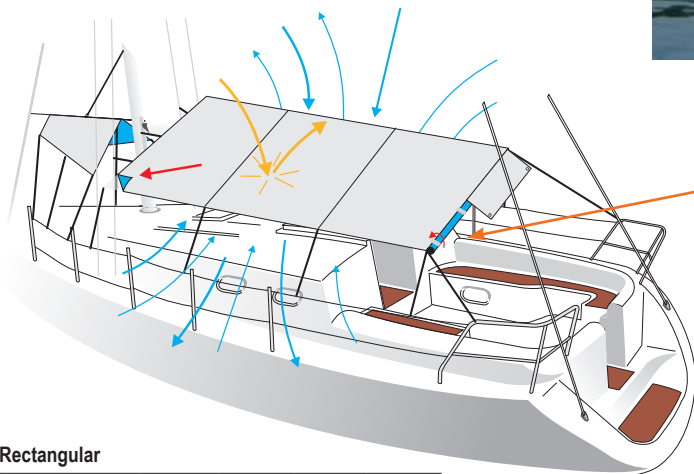
Code	50431	50432	50433	50434
A(cm)	133	195	235	280
B(cm)	120	140	162	180
C(cm)	105	109	113	117

SunShade "JOS"

"JOS" sunshades have been designed to offer relief from the sun's penetrating rays anywhere on-board. They are made of 420D Polyester, with UV protection and are supplied in rectangular and trapezium shape, this allows for the flexibility to fit all boat requirements.

They have been designed in such a way that the air is recycled and not "trapped", making life on-board far more pleasant. The texture of the upper part of the shade reflects the sun's rays, while the underside enhances the cool feel with its light blue finish..

"JOS" sunshades are lightweight and can be installed in few minutes, by using the aluminum poles supplied, or alternatively the rectangular poles and the supplied rope for the trapezium shape. For a better fit, you can adjust the sunshade to your boat's rails by using the supplied elastic rope. Available in 8 different dimensions and one colour combination, silver/blue.



Rectangular

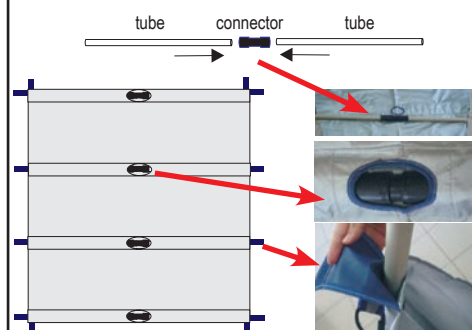
Code	70896	70897	70898	70899
Dimensions (cm)	260x460	315x370	315x430	350x490

Trapezium shaped

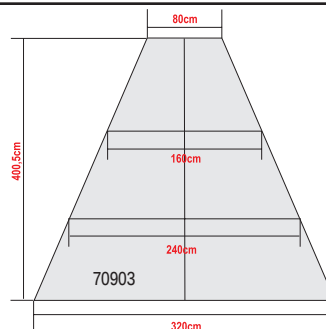
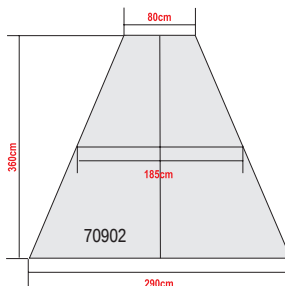
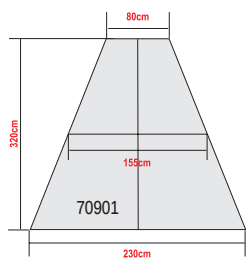
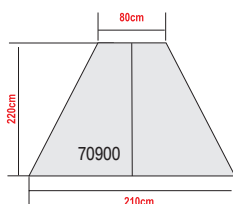
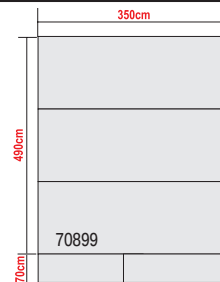
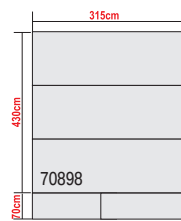
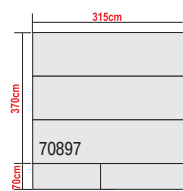
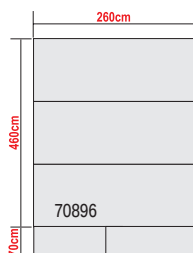
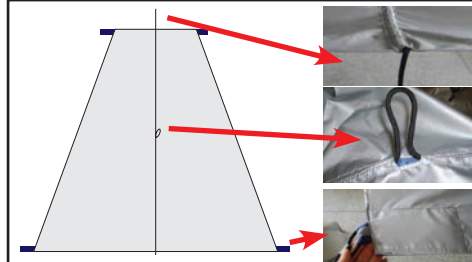
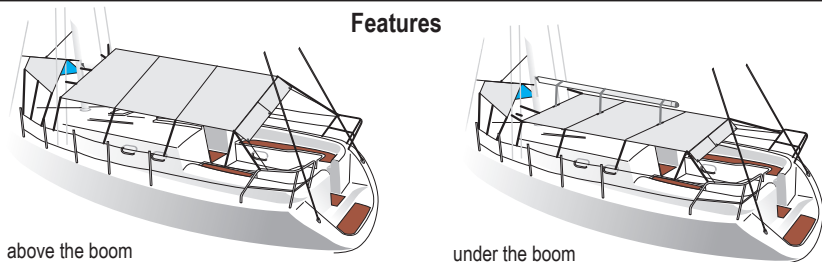
Code	70900	70901	70902	70903
Dimensions (cm)	80x210x220	80x230x320	80x290x360	80x320x400,5

BEST VALUE

8 Tubes & 4 Connectors are included



Features



Aluminum canopy accessories

To complement our standard range of canopies Lalizas offers an extended range of canopy accessories. With every option considered these spare parts can be used to custom build your own canopy or maintain any existing Lalizas canopy. Made of durable UV stabilised polycarbonate, these fittings will provide years of useful service.



Canopy Socket for Inflatable Boat
Ø 22 mm (7/8")
Code.... 50550



Canopy Hinge
Ø 22 mm (7/8")
Code....50070



Rowlock Attachment Base
Code...50420



Rowlock Attachment Pin
Code....50410



Canopy Hinge
Ø 22 mm (7/8")
Code... 50080



Canopy Socket & Hinge
Ø 22 mm (7/8")
Code...50090



Connector
Ø 22mm (7/8")
Code...00249



Jaw Slides
Ø 22mm (7/8")
Code....50330



Horizontal Deck Hinge
Code...50320



Quick Release Side Mount Deck Hinge
Code....50680



Side Mount Deck Hinge
Code...50681



Quick Release Horizontal Deck Hinge
Code...50380



Quick Release Deck Hinge for Inflatable Boats
Code...50390



External Eye Ends
Ø 22mm (7/8")
Code...00837



External Eye Ends
Ø 19mm (3/4")
Code...00838



Adjustable Straps 25mm
Code....50350



Strap Buckles 25 mm (1")
Code....00716



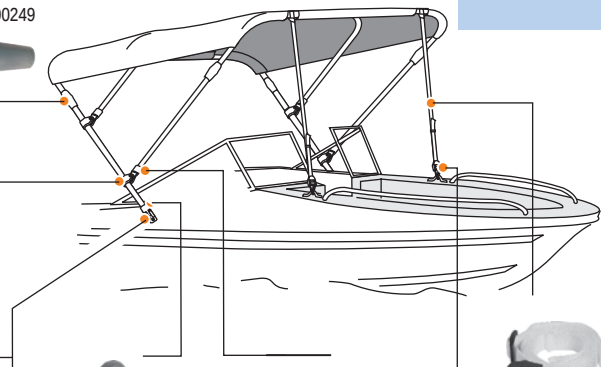
Quick Release Jaw Slides
Ø 22 mm (7/8")
Code..50360



Canopy Support Poles
71 to 122cm (28" to 48")
Code....50340



Υφασμα Τέντας, πλάτους 150cm, Blue
Code...01769
* Sold by m²



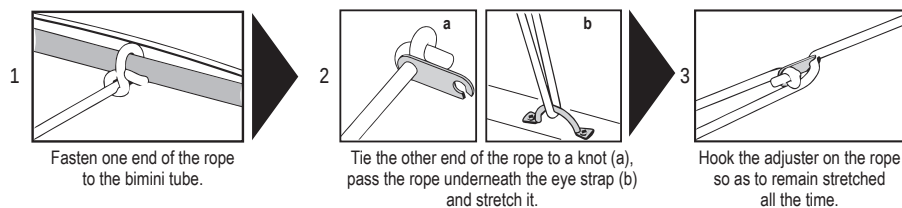
Code	Description
00043	Polyester Webbing 25mm, 0,9mm thickness, White, (Roll 50m)
02035	Polyester Webbing 25mm - Yellow - (Roll 50m)
02262	Polyester Webbing 25mm, 1,3mm thickness, White, (Roll 50m)

Bimini accessories set with rope (2 pcs)

Included: 2m rope, 2 adjusters, 2 Eye strap, 4 screws



Code... 71964



Eye End Inox

Code	50871	96928
Diameter(mm)	25	22



Deck Hinge Inox

Code	50870
Diameter(mm)	25

Inox tube

Code	10420	10421
Inox	316	304
Diameter(mm)	25	
Thickness(mm)	1	
Length(m)	3	



Jaw Slide Inox

Code	50872	96930
Diameter(mm)	25	22



Top Slide Inox

Code	50876	50873	57205
Diameter(mm)	32	25	22



Press stud socket
Code....70626



Press stud twisted
Code....70627



Press stud with screw & nut
Code....70628



Press stud for fabric
Code....70629



Press stud with 2 hole screw base
Code....70630



Screwdriver for press studs 70626 & 70629
Code....70631



Connector "Cross"
Code...50875



Cover for canopy connector "Cross"
Code...01834



Hook for Inflatable Boat Cover
Rope or shock cord 8 mm max.
Length 40 x height 40 mm



Code	Colour
28112	Black
44015	White
44016	Grey



Mounting Clip 10mm for Bimini-Top, Ø25mm Tube



Code	Colour
35002	Black
43105	White



Mounting Fittings for Bimini-Tops Frame

Code	Colour	For tube Ø (mm)
43091	Black	20
43090	White	
43103	Black	22
43102	White	



Mounting Fittings, Bimini-Tops Frame, Clamp-on

Code	Colour	For tube Ø (mm)
43088	Black	20
43087	White	
43100	Black	22
43099	White	



Mounting Fittings, Bimini-Tops Frame, 2-Wings

Code	Colour	For tube Ø (mm)
43082	Black	20
43081	White	
43094	Black	22
43093	White	



Suction Disc

Code	Description
43233	Grey suction disc Ø 92 mm
43234	Black suction disc Ø 92 mm



Mounting Fittings, Bimini-Tops Frame, 1-Wing

Code	Colour	For tube Ø (mm)
43085	Black	20
43084	White	
43097	Black	22
43096	White	

Washer for Screw, Plastic
Grommet only



Code	Colour	Diameter Ø (mm)
44977	White	3.5
44983		4.5
44989		5.5
44978	Black	3.5
44984		4.5
44990		5.5



Cap & Washer for Screw, Plastic
Grommet with screw cap*

Code	Colour	Diameter Ø (mm)
44916	Black	3.5
44914	White	
44923	White	4.8
44925	Black	4

*screw not included



Twist Stud & Clinch Plate, Ø29mm, 35x17mm, Black

Code.....45358

Code	Dimensions (m)
57227	2 x 1.5
57228	2.5 x 2
57229	3 x 2.5
57230	3 x 3
57231	4 x 2.5
57232	4 x 3
57233	4 x 4
57234	5 x 2.5
57235	5 x 3
57236	5 x 4
57237	5 x 5
57238	6 x 3
57239	6 x 4
57240	6 x 5
57241	7 x 4
57242	7 x 5
57243	7 x 6
57244	8 x 4
57245	8 x 6
57246	9 x 5
57247	9 x 7



Boat Cover



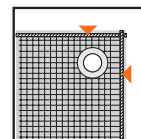
Outside Storage



Boat Tent



Camping



Outer edges Reinforced with rope sealed in hem for extra strength

Protective Tarpaulin Cover Sea Tarpaulin

They can be used in various applications such as:

- Cover boats, cars etc.
- Tent on boats
- Cover equipment and machinery stored in outside areas
- Cover painted areas
- Camping
- Swimming-pool cover and many others
- 120 gr/m²

Characteristics of the Sea Tarpaulin

- Extra strong Polyethylene
- Water resistant and weather proof
- Re-usable
- Washable
- UV resistant
- Laminated on both sides for maximum weatherproofing

Carpets

Welcome Mats and Marine Carpets

Lalizas mats and carpets are designed to provide you with maximum comfort and safety when walking on your boat's deck by creating a comfortable, elastic and anti-slip walking surface. Manufactured according to international standards, they are non-toxic and environment friendly products, especially designed for use in boats. However, they can be adequately used in office buildings, commercial buildings, restaurants and in other areas with heavy traffic. Marine carpets and mats are made of soft and durable PVC for extra resistance to seawater, fuel and oil spillage. Thanks to their UV-stabilisers, they are suitable for areas exposed to sunlight. The loop layer is constructed, in order to trap dirt and filth, protecting the floor at the same time. Lalizas Welcome Mats are available with backing, whereas marine carpets are available in two types, one with backing, a second one without backing, all in rolls only. Depending on the version, there are two sizes, all are in either grey and blue.

new



Welcome Mat with backing, PVC

Code	57196	57198
Colour	Blue	Blue
Dimensions (cm)	40x60	60x90



Marine Carpet with backing, PVC

Code	57201	57202
Colour	Grey	Blue
Width	120cm	
Roll Length	6m	



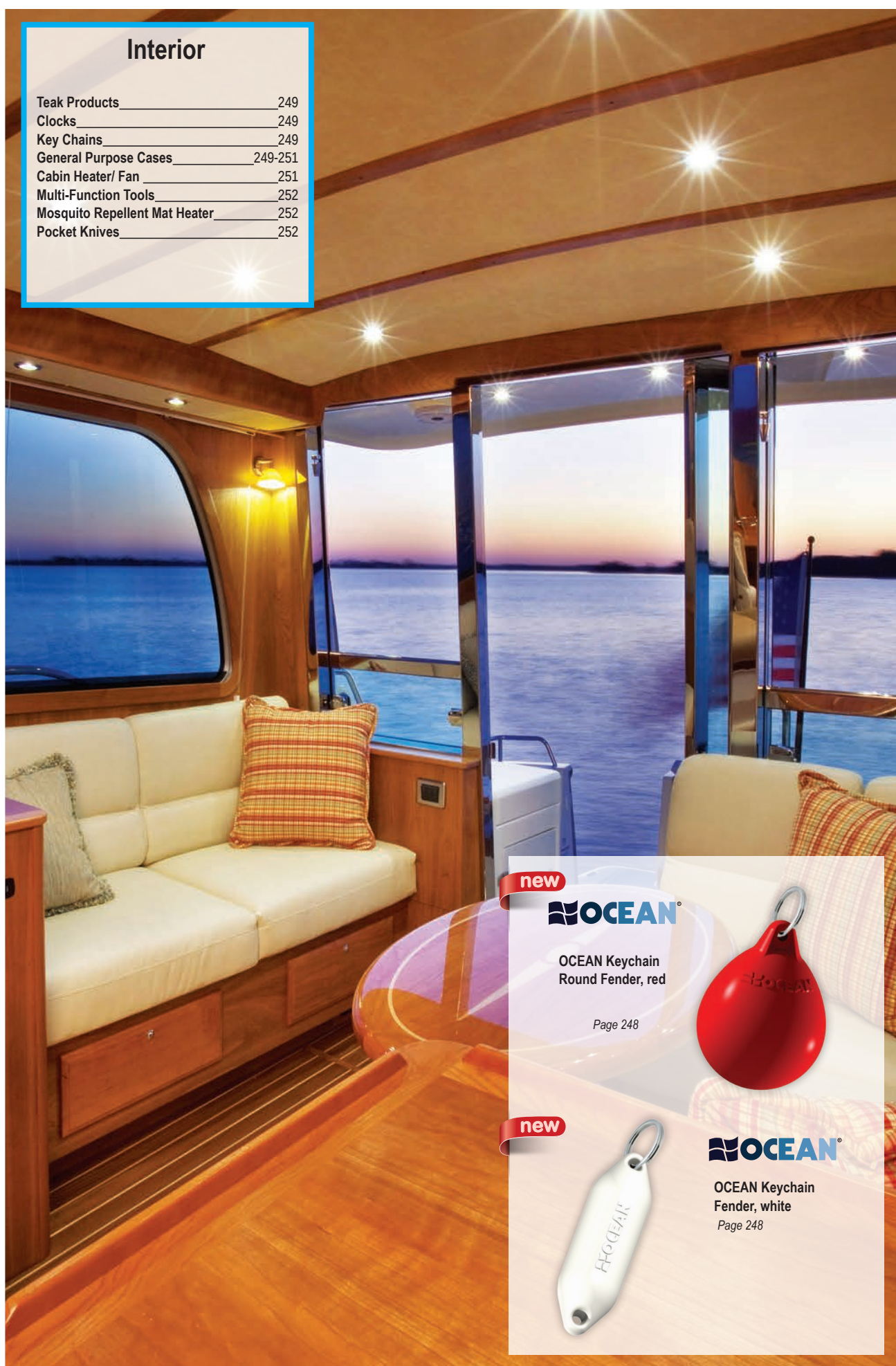
* Sold by linear meter

Marine Carpet without backing, PVC

Code	57203	57204
Colour	Grey	Blue
Width	120cm	
Roll Length	6m	

Interior

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new

OCEAN®

OCEAN Keychain
Round Fender, red

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new

OCEAN®

OCEAN Keychain
Fender, white
Page 248





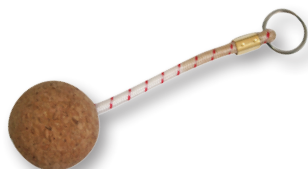
Wood Drain Plug

Code	71966	71967
Description	set of 9pcs max diam 35mm	set of 9pcs max diam 50mm



Clock Quartz
"Tempo",
Diam. 70mm,
Chrome
Code.....71186

Key Chains



Key holder-cork, floating,
round
Code....71963



Floating key-ring
Code.....44526



OCEAN Keychain
Round Fender, red
Code....72448

OCEAN Keychain
Fender, white
Code....72447

General Purpose Cases



Clip-on CAN HOLDER

Unique and useful accessory ideal for holding and keeping cool cans, small bottles and glasses. It also can be used as an object holder for Mobile phones, eye glasses, portable VHF and GPS. Flexible integral skin foam technology. Can be clipped on all guardrails, pulpit and stanchion.

470089

197762



Ø GUARDRAILS (mm)	L (mm)	W (mm)	H (mm)	(kg)
22-26	130	90	100	0,25



ALVEA drinks day

Unique and useful glass and bottle tray. Non slip material. Smart design to hold cups firmly even when empty. Flexible integral skin foam technology. Can be clipped on all guardrails, pulpit and stanchion. Colour: Navy Blue.

473084

L (mm)	W (mm)	H (mm)	(kg)
270	230	50	0,3



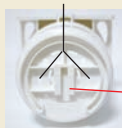


Horizontal mounting

Vertical mounting

- Easy to mount
- Various mounting options
**FOR ALL
"Store-All" CASES**

1. With screws



2. With Fixed Mount Support base (99826-7)



1. With screws



2. With Fixed Mount Support base (99826-7)



3. With Rail Support base (99824-5)



Isotherm Cover "Store All" for Drinks

Whether you like your coffee to stay hot in the winter, or your refreshments cold in the summer, the Isotherm Cover is a 'must-have' for you. It's made in such a way, that your beverage is kept at the same temperature (hot or cold) longer than it would be without. It has been designed to easily cover most common cans or cups. It can be fitted in the various 'Store-All' Drink Holders (94144-5, 94161, 99232).



Code	99828
Colour	Blue

Dimensions
Diameter: 8,5cm
Height: 10cm

Drink Holder 'Store-All'

This compact and convenient cockpit saver keeps your drinks up and out of the way. You can place it on any smooth surface, by using the support base (99824-7) on the back or bottom of the holder.



Code	94161	99232
Colour	White	Graphite

Dimensions
Length: 11cm
Height: 10cm

VHF/FRS Case 'Store-All'

With the VHF/FRS case you can keep your communication devices safe and within easy reach. Because of its small size, it can even fit close to the helm of the smallest boat. In order to mount the case, you can place the support base (99824-7) either on the back or on the bottom of the case.



Code	94152
Colour	White

Dimensions
Length: 13,5cm
Height: 11,5cm
Width: 8cm

Galley Case 'Store-All'

The handy galley case 'Store-All' is suitable for keeping organised your sponges, brushes, sunblock or any small object. It is easily mounted using the special support base for cases (99824-7), which can be placed on the wall, on the console or on the rails.



Code	94160
Colour	White

Dimensions
Length: 19cm
Height: 10cm
Width: 11,3cm

GPS/Cell Phone Case 'Store-All'

The GPS/Cell Phone Case 'Store-All' is ideal for storing most hand-held GPS and mobile phones. It can be placed vertically or horizontally on any flat surface, by using the support base for rails and surfaces (99824-7), which allows you to remove the case easily and quickly.



Code	94150	94151
Colour	White	Graphite

Dimensions
Length: 18,5cm
Height: 10,5cm
Width: 9cm

Organiser & Drink Holder 'Store-All'

The 'Store-All' organizer is so useful when space is at a premium. It features a drinks holder and a case to hold sunglasses, sunblock etc. It is easily mounted either vertically or on a flat surface, using the support base for rails or level surfaces (99824-7), which allows you to remove the organizer anytime.



Code	94144	94145
Colour	White	Graphite

Dimensions
Length: 27cm
Height: 10cm
Width: 11cm

Folding Drink Holder 'Store-All'

The Folding Drinks Holder 'Store-All' is ideal for small boats or areas with very limited space. It's folding feature allows you to completely retract it when not in use. It features adjustable arms to hold cans and mugs and also screws for permanent mounting. This drink holder can also be mounted on the rails or against any surface, using the relevant support base (99824-7), which allows you to remove the holder when not in use. The Folding Drink Holder 'Store-All' is available either in white or graphite.



Code	96866	99230
Colour	White	Graphite

Dimensions
Height: 11cm
Width: 10,5cm

BEST VALUE

Folding Double Drink's Holder, 'Store-All'

When space is very limited, then the Double Drink's Holder is ideal. It's mechanism allows you to use it only when needed and fold it up when you do not. Included are stainless steel screws for permanent mounting. However, you can also mount it using the support base (99824 - 7), which allows you to completely remove the organiser anytime.



Code	96865	98591
Colour	White	Graphite

Dimensions
Length: 25,8cm
Height: 11cm
Width: 10cm

BEST VALUE

Trash Bag Holder 'Store-All'

Keep your cockpit and cabin tidy and clean. The Trash Bag Holder easily mounts on any flat and even surface, using the support base for rails or level surfaces (99824-7), so that you can store it easily and quickly. Its cover prevents the contents from falling out of the bag. You may use common supermarket bags or kitchen trash bags. Bags are not supplied.



Code	94146
Colour	White

Dimensions
Length: 28cm
Height: 6,5cm
Width: 13,5cm

BEST VALUE

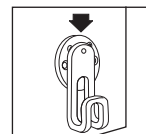
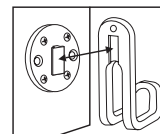
Fixed Mount Support for "Store-All" Cases

This support allows you to mount the "Store-All" Cases semi-permanently. All you have to do is mount the support on the surface you want and then slide in the case. When you do not want to use the case, just remove it. The support will remain on the surface until the next time you need it.



Code	99827	99826
Colour	White	Graphite

Dimensions
Diameter: 6cm



BEST VALUE

Utility Hook 'Store-All', (Set 2pcs)

The 'Store All' hook can be used in almost all places on a boat. All you have to do is attach them on a flat surface and use them for lines, clothing, towels, etc.



Code	94126	99231
Colour	White	Graphite

Dimensions
Length: 2,5cm
Height: 7,5cm
Width: 3cm

BEST VALUE

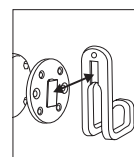
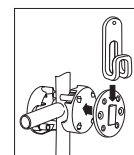
Rail Support for "Store-All" Cases

This support allows you to mount the "Store-All" Cases semi-permanently on the rails. All you have to do is mount the support on the rails and then slide in the case. When you do not want to use the case, just remove it. The support will remain on the surface for as long as you want it to.



BEST VALUE

Dimensions
Diameter: 6cm
Width: 3,5cm



Code	99825	99824
Colour	White	Graphite

Case with net and plastic frame, 'Store-All', white

This case helps you organise all items when on board with a flexible withholding net. It is made of plastic, UV resistant and can be easily installed either with screws or with a sticker ideal for inflatable and rigid boats (supplied). It is available in 2 sizes: 205x120x20mm and 205x120x10mm



BEST VALUE

Code	11900	11901
Thickness (mm)	20	10
Height (mm)	120	120
Width (mm)	205	205

Cabin Heater/ Fan

Cabin Heater/ Fan Sea Power, DC 12V, wire 1.80m

This heater is ideal for boats, cars and small offices. There are two settings, one for fan-heat and one for fan only. It can be easily plugged in a 12V cigarette lighter socket.



Features: DC 12V, Power 100 ~ 125 W, Fan: 12V, 0.6A, Heat: 12V, 7.5A, Approval: CE

Code.....31405

SEA POWER

Marine Multi-Function Tool



Code....10200



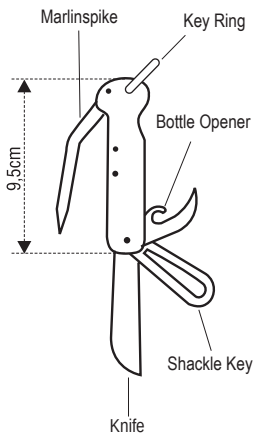
Mosquito Repellent Mat Heater
12V, w/ car plug cable

Code.....71284

Pocket Knives

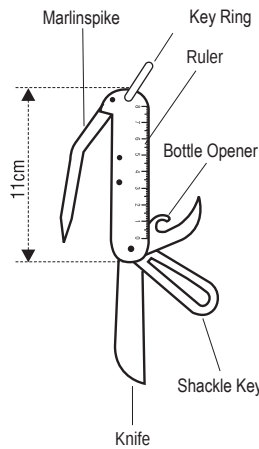
SkipperMate Knife, Stainless Steel, L: 9,5cm

Code....11477



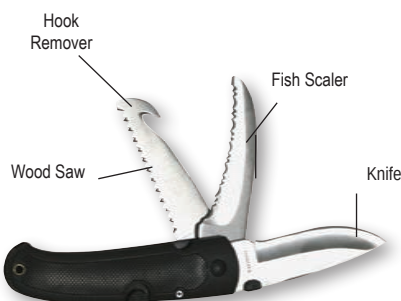
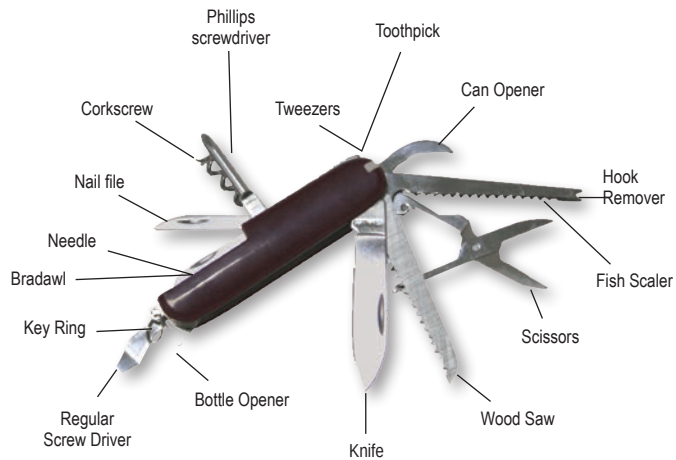
SkipperMate Knife, Stainless Steel, L: 11cm

Code....11476



Swiss Pocket Knife, Stainless Steel

Code....70192



**Slipjoint knife "Fuentes",
Stainless Steel**

Code....70194

Cabin & Galley

Barbecues & Accessories	254-255
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new



Whiskey glass set
'Exclusive',
4 pcs

new

Water / Beverage
Glass set
"Exclusive", 4 pcs



new



Wine Glass Set,
"Exclusive",
4 pcs



Gas Barbecue "Marine Kettle 2", Stainless Steel

"Marine Kettle 2" Gas barbecue will be your offshore perfect mate for on-board and on-shore delight. You can use it as a grill, stove or oven due to its stainless steel diamond shape. Heat is distributed evenly within "Marine Kettle 2", grilling food smoothly. Additionally the notated, radiant plate underneath the barbecue, makes it resistant to bad weather conditions. There is a control valve regulator on the right side of the barbecue, where you can connect the gas canister (70134) or the propane/butane of your boat. However, you will need a low-pressure control valve (70116) to connect the main propane/butane system of your boat with the barbecue. What is special about "Marine Kettle 2" is its windproof turbo venturi system, directly lucked to the control valve regulator, which eliminates any gas leakage. Pressing the red start up button on the front of the barbecue "Marine Kettle 2" is activated, whereas the control valve regulator adjusts temperature. The rack of "Marine Kettle 2" lies on a burning bell shaped plate shielded by an outer cover. The gap between the two parts isolates heating within the barbecue area keeping its outside surface warm. The cool handle of the barbecue allows you to supervise cooking, at all times "Marine Kettle 2" complete disassembly allows quick and easy cleaning. This barbecue rests on particular mounts either on the rails of your boat (70123, 70124 or 70125) or on flat surfaces onshore is activated (70126).



Code	Diameter
70113	381mm (15")



Gas Barbecue "Marine Kettle", Stainless Steel

"Marine Kettle" gas barbecue is an economic solution for your sailing and/or coastal pursuit. It is both a grill and a stove appropriate for windy climate conditions. The diamond shape of the barbecue allows equal heat distribution the entire grilling area, broiling food smoothly, while the radiant cover above burner sends grease aside. Under the stainless steel barbecue cabinet lays a revolving metal plate, which reduces wind effects. There is a cool handle on the lid of "Marine Kettle", which allows you to supervise food while grilling. The proper fuel for "Marine Kettle" is either a gas canister (70134) or the main propane/butane flow of your boat. Alternatively, it could be directly connected to the control valve regulator on the right side of the barbecue. For propane/butane fuel you need to use a low-pressure control valve (70116) to achieve connection with the barbecue. Control valve regulator activates "Marine Kettle" and adjusts its temperature. You can arrange fuel distance from the barbecue and eliminate gas blowouts through the wind turbo venturi system, which is between the barbecue cabinet and the control valve regulator. "Marine Kettle" complete disassembly is simple to enable fast cleaning. This barbecue could be placed on the rail of your boat or on shore using mounts 70123, 70124, 70125 or 70126 respectively.



Code	Diameter
70114	381mm (15")



Round Rail Mount

"L" shaped mounts for the horizontal support of "Marine Kettle" and "Marine Kettle 2" (70113 & 70114) on your boat rails. They are easily emplaced and removed without tools. Made of stainless steel and aluminum.



Code	70123
For round rail Ø mm (In.)	22-25 (7/8"-1")



Low-pressure control valves for onboard system (on-board propane or CampinGas butane)

Connects the propane/butane fuel provision of your boat with the control valve regulator of "Marine Kettle", "Marine Kettle 2", "ChefsMate" and "Catalina" barbecues.

Code	70116
For Barbecues	70113, 70114



Control Valve Regulator, Type 2, Low output

Connects the gas canister or propane/butane fuel valve with Magma barbecues. It facilitates fuel exchange and adjusts grilling temperature.

Code.....70128

Hobs



Gas Hob - IGNIS

Watch the video on our channel
<http://www.youtube.com/LalizasSA>



- Max. Heat Output: 2.2Kw
- Gas Consumption: 160gr/h
- Gas Type: Butane
- Max. Pan Diam.: 26cm
- Weight: 1.4kg
- Dimensions: 343x284x113mm
- Colour: Silver Metallic
- Ideal for boats and camping
- Provided with a pressure regulating valve to reduce the pressure so as to prevent any accidents and with a safety mechanism which stops the gas flow in case that the pressure is increased dramatically
- Available with a very handy carrying case

Gas Hob, portable



Code.....71007

Isothermal Coolers

Portable Isothermal Cooler SeaCool

The Portable Isothermal Cooler SeaCool is suitable for all of your picnic requirements. Elegantly shaped with a practical interior design, it can be ideally used in the boat, for camping, picnic and all outdoor usage. Made of solid polyurethane foam, it features high performance insulation, in order to maintain the temperature of the contents. For even better cooling performance it is suggested to use additional ice cubes. The Portable Isothermal Cooler "SeaCool" is available in different sizes. They are equipped with large handle(s) for easy carriage and they have volume of 13lt, 48lt and 80lt.



Coolers "Sea Cool"

Watch the video on our channel
<http://www.youtube.com/LalizasSA>



Code	70989
Capacity(lt)	80
Length(cm)	82
Width(cm)	41.5
Height(cm)	40

Code	31378
Capacity(lt)	48
Length(cm)	63
Width(cm)	33
Height(cm)	37

Code	31377
Capacity(lt)	13
Length(cm)	38
Width(cm)	22
Height(cm)	37,5

EXCLUSIVE



Sea Tableware "Exclusive" Range

With the Sea Tableware range of plates, glasses and cutlery, you and your friends will enjoy every bite and sip of your meal. If the words sophisticated, chic and stylish are part of your attitude and life style then the "Exclusive" range is just for you. The dinnerware range of plates, bowls, serving sets, cups and mugs gives all you need for an enjoyable breakfast, lunch and dinner. All items are made of 100% melamine and can be used in a microwave without any problems. For all the special celebrations the Sea Tableware "Exclusive" range includes shiny and stylish wine, champagne and water glasses to enjoy your drinks. You can also impress your guests with the elegant wine cooler, ice bucket and pitcher. Glasses are made of acrylic material, which does not break or chip. Finally, Lalizas offers you cutlery sets, made of stainless steel 18/10 with ABS handle, including forks, spoons, knives and teaspoons. All glasses and plates, except for the salad and the soup bowl, are available in sets of 6 pieces, whereas the cutlery in 24 pieces. Thanks to their top quality materials and construction all items in the "Exclusive" series are light, shock resistant, completely hygienic and especially designed to retain their original beauty and shine even after many uses.



Dinner Plate Set, Ø 26cm
"Exclusive", 6 pcs
Code..... 57210



Soup Plate Set, Ø 23cm
"Exclusive", 6 pcs
Code..... 57211



Dessert Plate Set,
Ø 20cm "Exclusive", 6 pcs
Code..... 57212



Cereal Bowl Set,
Ø 15cm, "Exclusive", 6 pcs
Code..... 57214



Serve Trays Set, Ø 40cm, Ø 30cm, Ø 23cm
"Exclusive", 3 pcs
Code..... 57216



Salad Bowl Ø 24cm,
"Exclusive"
Code..... 57213



Soup Bowl with
cover "Exclusive"
Code..... 57215



Mug Set
"Exclusive", 6 pcs
Code..... 57218



Espresso Cup Set
"Exclusive", 6 pcs
Code..... 57217

new



Whiskey glass set
'Exclusive',
4 pcs
Code.....72150



Water / Beverage
Glass set
"Exclusive", 4 pcs
Code.....72152



Wine Glass Set,
"Exclusive",
4 pcs
Code.....72153



Cutlery Set "Exclusive",
18/10 s.s./ABS,
24pcs
Code..... 57208



Dinnerware Set "Exclusive"

Includes

- Dinner Plate, Ø 26cm, 4pcs
- Dessert Plate Ø 20cm, 4pcs
- Cereal Bowl Ø 15cm, 4pcs
- Mug, 4pcs
- Salad Bowl Ø 24cm, 1pc

Code..... 57350

Set of 17 pcs

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new



**Signal Horn Set
ECO - 300ml**

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new



**Compact Folding Lifejacket
SOLAS LSA Code 2016**

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new



**Vita Inflatable Lifejacket Manu-
al Adult 120N, ISO 12402-4**

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Introducing our best inflatable life jacket yet

Ergonomics
Cutting edge design
High quality
Simply life saving



Quick burst zipper & automatic activation of inflator



Indicator window for easy checking of the inflator status



Soft neoprene fabric at neck and chest areas



Quick adjusting & easy fit



Soft D-Ring & Safety knife pocket



Twin crotch-straps and lifting loops



Kappa

Inflatable Lifejacket
Auto 180N, ISO 12402-3,
with double crotch

- Increased buoyancy 180Nt
(approved to ISO 150N)

Code	72194	72195
Adult	•	•
Automatic Gas	LALIZAS JS1	HAMMAR MA1



Theta

Inflatable Lifejacket
Auto 290N, ISO 12402-2,
with spray hood
and double crotch

- Increased buoyancy 290Nt (approved to ISO 275N)
- Sprayhood as standard

Code	72196	72197
Adult	•	•
Automatic Gas	LALIZAS JS1	HAMMAR MA1

new

Zeta Inflatable Lifejacket, 290N, ISO 12402-2

The Zeta Lifejacket is an ergonomic lifejacket that is comfortable to wear and its webbing system makes it user-friendly. It is available in black color and its transparent area allows user to check the operating head function. It is featured with a chamber which can be inflated via Lalizas auto operation head and bears oral inflation tube incorporating Lalizas valve. The inflatable bladder is manufactured from high visibility Yellow Fabric and also equipped with Lalizas retro reflective tapes and whistle. They are provided with lifting loop and heavy duty D-ring (72399) for easier rescue.



**Zeta Inflatable Lifejacket,
Auto, Adult 290N,
ISO 12402-2, with D-ring &
clip crotch strap, black**

Code.....72399



**Zeta Work Vest, Auto, Adult 290N,
ISO 12402-2, red durable PVC
fabric cover**

Code.....72400



Ypsilon Inflatable Life Jacket 165N, ISO 12402-3 with automatic inflator Lalizas JS1

The Ypsilon life jacket is an ergonomic life jacket offered with soft neoprene neck and it's available with automatic inflator. It features one chamber which can be inflated via Lalizas auto operation head (20260, certified per ISO 12402-7) and bear oral inflation tube incorporating Lalizas valves (20610, certified per ISO 12402-7). The inflatable bladder, which is manufactured from High Visibility Yellow fabric, is folded into a valise with Velcro closure and is also equipped with Lalizas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8). The transparent area allows the user to check the operating head function. They are provided with lifting loop and heavy duty D-ring.

Epsilon Inflatable Life Jacket 165N, ISO 12402-3 with HAMMAR MA1 inflator

The Epsilon life jacket provides optimal protection whilst allowing maximum freedom of movement and comfort with high performance. It features a soft neoprene fabric for the neck and one chamber which can be inflated via MA1 Hydrostatic Inflator for life jacket auto operation head and bear oral inflation tube incorporating Lalizas valves (20610, certified per ISO 12402-7). The gas cylinder is located inside the Lifejacket bladder, for maximum protection against corrosion and reduced snagging hazard. Its unique hydrostatic valve protects the water sensitive element, so there is no activation in rain, spray, splash and humidity. Additionally there is no service requirement of the inflator for 5 years. They are provided with lifting loop and heavy duty D-ring.

Code.....71725



LALIZAS JS1



Code.....71724



HAMMAR MA1



Sigma Inflatable Lifejackets 170N, CE ISO 12402-3

The Sigma lifejacket is an economic lifejacket available in auto and manual version. The ultra lightweight design makes Sigma comfortable to wear and its webbing system makes it a user-friendly lifejacket. According to each code, they feature one chamber which can be inflated via Lalizas manual operating head (20220, certified per ISO 12402-7) or via Lalizas auto operation head (20260, certified per ISO 12402-7) and bear oral inflation tube incorporating Lalizas valves (20610, certified per ISO 12402-7). The inflatable bladder, which is made of High Visibility Yellow fabric, is folded into a nylon red valise with Velcro closure and it is also equipped with Lalizas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8). They are provided with lifting loop and heavy duty D-ring for easier rescue.



Code	71094	71096	71097
Adult	•	•	•
Automatic Gas	•	•	
Manual Gas			•
With Harness	•		



Sigma Lifejackets feature the following characteristics:

- CE ISO 12402-3 approval
- CE ISO 12401 approval on all integral black harnesses
- Ultra reliable firing mechanism
- Compatible with all major suppliers CO₂ bottles (Thread 1/2")
- Auto heads designed not to fire in heavy weather
- Easy re-packing
- Economical re-arming kits
- 170 Newtons of buoyancy when fully inflated
- Maintain the correct flotation position in the water (face-up)
- Fully adjustable straps
- Heavy-Duty, Stainless D-Rings for attachment of a safety line

new



Sigma Work Vest, Auto Adult.170N,ISO 12402-3, orange durable PVC fabric cover, without harness

Code.....72154



Sigma Inflatable Lifejacket Auto, Adult, 170N, ISO 12402-3, with D-ring & clip crotch strap, without harness

Code.....72081



Sigma Inflatable Lifejacket Auto Adult 170N, ISO12402-3, HammarMA1, with D-ring & clip crotch strap, blue

Code.....720811

Alpha Inflatable Lifejackets 170N, CE ISO 12402 – 3

The Alpha gas inflation lifejacket has been designed to offer affordable safety for all. Its compact design, low weight, high quality construction is directly attributable to our class leading Omega lifejacket. The Alpha lifejacket offers a more rationalised design for the coastal and inshore yachtsmen. According to each code, they feature one chamber which can be inflated via Lalizas manual operating head (20220, certified per ISO 12402-7) or via Lalizas auto operation head (20260, certified per ISO 12402-7) and bear oral inflation tube incorporating Lalizas valves (20610, certified per ISO 12402-7). The inflatable bladder, which is made of High Visibility Yellow fabric, is folded into a nylon red valise with Velcro closure and silver ending and it is also equipped with Lalizas retro reflective tapes (70180) and whistle (70020, certified per ISO 12402-7 & 8). They are provided with lifting loop and heavy duty D-ring for easier rescue.



Code	71098	71100	71101	71102
Adult	•	•	•	
Child				•
Automatic Gas	•	•		•
Manual Gas			•	
With Harness	•			•

Alpha Lifejackets feature the following characteristics:

- CE ISO 12402-3 approval
- CE ISO 12401 approval on all integral black harnesses
- Twin welded air bladder seam for double security
- Ultra reliable firing mechanism
- Compatible with all major suppliers CO₂ bottles (Thread 1/2")
- Auto heads designed not to fire in heavy weather
- Easy re-packing
- Economical re-arming kits
- 170 Newtons of buoyancy when fully inflated
- Maintain the correct flotation position in the water (face-up)
- Fully adjustable straps
- Heavy-Duty, Stainless D-Rings for attachment of a safety line

Omega Inflatable Lifejackets 290N, CE ISO 12402-2

The new range of Omega inflatable lifejackets 275N complies with ISO 12402-2. Omega gas inflation lifejackets' slim fit, light weight design and rugged constructions are combined to form the ultimate in lifejacket technology. They feature one chamber which can be inflated via Lalizas auto operation head (20260, certified per ISO 12402-7) and bear oral inflation tube incorporating Lalizas valves (20610, certified per ISO 12402-7). The inflatable bladder, which is made of High Visibility Yellow fabric, is folded into a nylon red valise with Velcro closure and it is also equipped with Lalizas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8). They are provided with lifting loop and heavy duty D-ring for easier rescue.



Code	71103	71105
Adult	•	•
Automatic Gas	•	•
With Harness	•	

Omega Lifejackets feature the following characteristics:

- CE ISO 12402-2 approval
- CE ISO 12401 approval on all integral black harnesses
- Twin welded air bladder seam for double security
- Ultra reliable firing mechanism
- Compatible with all major suppliers CO₂ bottles (Thread 1/2")
- Auto heads designed not to fire in heavy weather
- Commercial heavy duty weight protective outer cover
- Easy re-packing
- Economical re-arming kits
- 290 Newtons of buoyancy when fully inflated
- Maintain the correct flotation position in the water (face-up)
- Fully adjustable straps
- Heavy-Duty, Stainless D-Rings for attaching a safety line

Delta Inflatable Lifejackets Belt-Pack, 150N, CE ISO 12402-3

Lalizas ISO 12402-3, Belt pack ISO Delta 150N inflatable lifejackets, comply with the latest ISO 12402-3 specifications for ultimate safety while on board. They feature one chamber which can be inflated via a Lalizas manual (71109) or automatic (71201) operating head (20220, certified per ISO 12402-7) respectively and bears oral inflation tube, incorporating Lalizas black valves (20610, certified per ISO 12402-7). The inflatable bladder, which is made of High Visibility Yellow fabric, is folded into a nylon valise with Velcro closure and it is also equipped with Lalizas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8). The ISO Delta user-friendly lifejackets provide the maximum safety, thanks to their fast inflation ability, even at very low temperatures. Ideal for all ships, especially the small ones where storage space is limited. They are provided with lifting loop, for easier rescue.



Code	71109	71201
Manual Gas	•	
Automatic Gas		•

new



Vita Inflatable Lifejacket Manual Adult 120N, ISO 12402-4

The brand-new Lalizas Infl. Lifejacket Manual Adult 120N, ISO 12402-4 is designed and inspired by the market's need, for an ultra lightweight lifejacket. Ideal for civil transport vessels and tourist boats. It is available with a manual operating head, it is very easy to don and use, while it's ISO 12402-4 approved. It is manufactured from high Visibility Yellow fabric and it is also equipped with reflective tapes and oral inflation tube.

Code.....72326



Kappa - Theta - Omega - Alpha - Sigma - Delta - Vita

Manual System Lalizas	Automatic System Lalizas	Manual System Lalizas	Automatic System Lalizas		
OK With green "Ready for action" tag 	OK With green "Ready for action" tag Green Indicator "Ready for action"	STOP Without green "Ready for action" tag 	STOP With green "Ready for action" tag Red Indicator "NOT Ready for action"	STOP Without green "Ready for action" tag Green Indicator "Ready for action"	STOP Without green "Ready for action" tag Red Indicator "NOT Ready for action"



0098

Lifejacket LED Flashing Light "Safelite II" water activated ON-OFF, L.S.A.Code

Code.....71209



Inflatable Lifejacket Protective Work Cover

Code.....71211



Waist Belt Extender for SOLAS Infl. Lifejackets

Code.....71161



SOLAS Inflatable Lifejackets 150N, 275N & 330N

Lalizas Inflatable lifejackets Lamda & Delta follow the latest SOLAS specifications for ultimate safety, while on board. They feature twin chambers for double security and each chamber can be inflated via its individual Lalizas automatic operating head (20260, certified per ISO 12402-7), which also supports manual activation. The inflatable chamber, which is made of High Visibility Yellow fabric, is folded into a valise with Velcro closure and its inflation tube incorporates the new Lalizas red pressure relief valves (20611, certified per ISO 12402-7). All models are equipped with Lalizas retro reflective tapes (70180), a whistle (70010, certified per ISO 12402-7 & 8) and a lifting loop with yellow buddy line for easier rescue. Additionally, all approved Lalizas SOLAS lifejacket flashlights (71209) can be added. These extra user-friendly lifejackets, provide the maximum safety thanks to their fast inflation ability, even at very low temperatures and are available in one adult size, which can be easily adjusted to passengers with chest size up to 175cm or more, with the use of the Lalizas waist belt extender (71161).

All the models of the Lalizas SOLAS Inflatable Lifejackets series are designed to comply with the highest standards and are manufactured using top quality materials, in order to withstand the most adverse conditions in case of emergency. They are available in two different types, standard valise and belt-pack and their lightweight design makes them ideal for use on passenger boats, commercial vessels, yachts, fishing vessels and in all ships where storage space is limited.

The new top-of-the-range Lalizas SOLAS Lamda 330N inflatable life jacket offers the ultimate sense of security against every situation in any sea across the world, thanks to the great size of its chamber and the 330 Newton buoyancy provided by the double 60gr CO₂ cylinders. Having more than 300 Newton it is designed to be worn when the user is wearing heavy duty clothing or with an abandonment suit - where it guarantees to self right wearer in less than five seconds. It is certified and applies the specifications of the HSE Compatibility Test protocol for Lifejackets and Immersion suits on Offshore installations and it is SOLAS/ MED (1463) approved.



1463

**LALIZAS Inflatable Lifejacket
Lamda Auto, SOLAS**

Code	71107	71216
Newton	150	275



Front



Back



new



1463



72114



72115

**LALIZAS Inflatable Lifejacket Advance
Lamda Auto 330N, SOLAS, with or without
spray hood & crotch dtrap**

Code	72114	72115
Newton	330	
Spray Hood	x	√



ISO 12402-8

Spray Hood





1463

LALIZAS Inflatable Lifejacket Belt-Pack, Delta Auto 150N, SOLAS

Code.....71108



Front

Inflatable Lifejackets Accessories

Life-Link Safety Harnesses CE ISO 12401

The Life-link safety harness is available in both adult and child sizes. It features a heavy duty stainless steel interlocking buckle and a D-ring and a fully adjustable black polyester waist webbing.

Approved per the latest European standards ISO 12401:2009.

- Adult Harness fits chests 70cm to 150cm & >50 Kgr
- Child Harness fits chests 60cm to 90cm & 20-50Kgr

	Adult	Child
Code	71145	71146



Life-Link Safety Lines, CE ISO 12401

The Life-link Safety Lines are available in single, double, double elastic and triple hook configurations and are all approved per ISO 12401:2009. Their double action hook design prevents accidental opening whilst still offering superb single handed operation. The hook is also fully approved per ISO 9227.



Safety Line Life-Link,
single, ISO 12401, Length
150cm

Code..... 71147



Safety Line Life-Link,
double, ISO 12401,
Length 185cm

Code..... 71148



Safety Line Life-Link,
triple, ISO 12401,
Length 200cm

Code.....71149



Safety Line Life-Link,
double, elastic, ISO 12401,
Length 100-180cm

Code.....71150



Life-Link Hook,
ISO 12401

Code....71151



Waist Belt Extender
for SOLAS Infl.
Lifejackets

Code.....71161

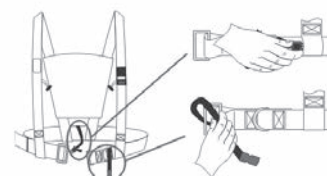


Harness & Lifejacket crotch
strap

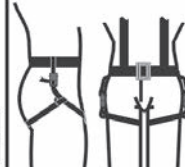
The crotch strap can be used with all Lalizas lifejackets / buoyancy aids and harnesses.

Code.....20210

FITTING INSTRUCTIONS FOR 20210



Double Safety



LALIZAS**Flameproof****Inflatable Lifejacket Protective Work Cover**

- Provides shielding against heat, sparks, flame, soft chemicals
- Easy fit / Simple to use design
- Lightweight fabric
- Does not affect the operation, behaviour & water performance of the protected lifejacket

Code.....71211



Suitable for

71096 - 71097

71107



1. Turn the protective work cover, so that you face its back side
2. Open the cover around its Velcro tape and unfold it
3. While unfolded, make sure the square belt edges lie towards the center



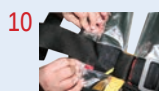
4. Turn the inflatable lifejacket, so that you face its back side
5. Place the lifejacket on the open protective cover
6. Pass the unfolded cover side through the lifejacket's center



7. Open the square left belt edge of the cover

8. Place it under the center of the belt

9. Then pass it around the lifejacket's left belt holder (under the belt)



10. Close the cover's belt edge & secure the lifejacket's belt holder



11. Repeat the procedure with the right square belt edge of the cover



12. Close the cover around the lifejacket, using the cover's peripheral velcro tape

13. Once the protective work cover is properly adjusted, the life-jacket is ready for use

**LALIZAS Auto re-arm kit for JS1 adult life jacket**

Code.....20190

**LALIZAS Auto re-arm kit for JS1 child life jacket**

Code.....20200

**LALIZAS Manual re-arm kit for adult life jacket & safety pin**

Code.....71323

**LALIZAS Auto re-arm bobines set of 4 for adult & child life jacket**

Code.....71324

**LALIZAS Auto re-arm mechanism Hammar MA1 & cylinder 33gr**

Code.....71741

**CO₂ Cylinder, 60gr.**
Code....02197**CO₂ Cylinder, 38gr.**
Code....02597**CO₂ Cylinder, 33gr.**
Code....00348**CO₂ Cylinder, 24gr.**
Code....00349

new



Lalizas Sprayhood (ISO 12402-8) for Inflatable LifeJackets ISO 12402-3

LALIZAS Spray Hood is an additional accessory suitable for every adult inflatable 150N lifejacket. It is designed to fit over the head and cover the inflated chamber; It makes the lifejacket visible due to its orange color and reduces the amount of water spray on a person's face. It's equipped with ventilation holes for easy breathing, SOLAS approved reflective tapes and it is very easy to use.

Code.....72325

Suitable for Sigma, Alpha, Delta & Kappa



Technical Characteristics for Gas Inflation Kappa / Theta / Zita / Omega / Alpha / Sigma / Vita / Lamda / Delta Lifejackets

Code	Approval		Automatic System	Manual System	Child Lifejacket	CO ₂ Gas Cylinder				Twin Chambers	Retro reflective tape	Oral-tube	Plastic buckle	Stainless buckle	Adjusters	Safety harness	Whistle	Heavy-Duty Stainless / Soft D-Ring	Colour
	CE ISO 12402	SOLAS				33gr	60gr	24gr	38gr										
71094	✓		✓			✓					✓	✓		✓	✓	✓			Red
71096	✓		✓			✓					✓	✓		✓		✓			Red
71097	✓			✓		✓					✓	✓		✓		✓			Red
71098	✓		✓			✓					✓	✓		✓	✓	✓	✓		Red
71100	✓		✓			✓					✓	✓		✓		✓	✓		Red
71101	✓			✓		✓					✓	✓		✓		✓	✓		Red
71102	✓		✓		✓			✓			✓	✓		✓	✓	✓	✓		Red
71103	✓		✓				✓				✓	✓		✓	✓	✓	✓		Red
71105	✓		✓				✓				✓	✓		✓		✓	✓		Red
71107		✓	✓			✓				✓	✓	✓		✓		✓	✓		Red
71216	✓		✓				✓			✓	✓	✓		✓		✓	✓		Red
71108		✓	✓			✓				✓	✓	✓		✓		✓	✓		Black
71109	✓			✓		✓					✓	✓		✓		✓	✓		Red
71201	✓		✓			✓					✓	✓		✓		✓	✓		Red
71724*	✓		✓			✓					✓	✓		✓		✓	✓		Red / Black
71725	✓		✓			✓					✓	✓		✓		✓	✓		Red / Black
72081	✓		✓			✓					✓	✓		✓		✓	✓		Black
72154	✓		✓			✓					✓	✓		✓		✓	✓		Orange
72114		✓					✓			✓	✓	✓		✓		✓	✓		Red
72115		✓					✓			✓	✓	✓		✓		✓	✓		Red
72194	✓		✓						✓		✓	✓		✓	✓	✓	✓		Black
72195*	✓		✓						✓		✓	✓		✓	✓	✓	✓		Black
72196	✓		✓				✓				✓	✓		✓	✓	✓	✓		Black
72197*	✓		✓				✓				✓	✓		✓	✓	✓	✓		Black
72399	✓		✓				✓				✓	✓		✓		✓	✓		Black
72400	✓		✓				✓				✓	✓		✓		✓	✓		Red
720811*	✓		✓			✓					✓	✓		✓	✓	✓	✓		Blue
72326	✓			✓				✓			✓	✓	✓			✓			-

* Automatic System HAMMAR MA1

Service Inflatable Lifejackets

Maintenance-Storage Instructions: Store the Lifejacket in a dry place away from direct sunlight. Don't expose the lifejacket to excessive heat. Do not use as a cushion. Check if the CO₂ cylinder is perforated or damaged. In this case you should replace it. Check the state of the Lifejacket (inflatable chamber, buckles, whistles, webbings and harnesses). In case of a severe drop or signs of deterioration contact your local approved service station. Spare parts need to be replaced after each use, or 3 years after the manufacturing date. Always check the manufacturing date.

Servicing Instructions: Your Lifejacket shall be serviced at least every year (and more frequently in case of intensive use)

Lifetime of the lifejacket: 10years of the date of Manufacture.

WARRANTY: This product has a 3 years warranty from the date manufactured. The warranty covers all lifejackets registered via the LALIZAS website, any products returned that are not registered with LALIZAS will not be considered for warranty. This warranty does not cover spare parts or any damage due to lack of maintenance, or bad use, or accidental effects. LALIZAS company will not make any warranty repair without proof of purchase.


LALIZAS Child's Lifejacket, Chico 100N, CE ISO 12402-4

Chico 100Nt lifejacket provides an improved fit and maximum safety. A large flotation collar supports the child's head, while the small size also features a fabric pampers and a crotch strap for greater safety. Its foam distribution provides quick turn and face properly out of the water. It includes one webbing fastener, whistle, plastic zip and SOLAS retro reflective tapes. An end rope with plastic button is fixed at the end of each lifejacket for adjustable wearing. Approved to the latest European standards for 100 Newton lifejackets, ISO 12402-4. All of its raw materials are certified per ISO 12402-7 and ISO 12402 -8, for higher strength, quality and durability. It is available in 4 sizes.

Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
72069	Baby	3-10	50-60	32
72070	Child	10-20	60-75	42
71073		15-30	60-70	45
71074		30-40	70-80	55


LALIZAS Child's Lifejacket, Chico 150N, CE ISO 12402-3

Chico 150Nt lifejacket provides an improved fit and maximum safety. A large flotation collar supports the child's head, while the small size also features a fabric pampers and a crotch strap for greater safety. Its foam distribution provides quick turn and face properly out of water. It includes one webbing fastener, whistle, plastic zip and SOLAS retro reflective tapes. An end rope with plastic button is fixed at the end of each lifejacket for adjustable wearing. It also provided with a lifting loop for easier rescue. Approved to the latest European standards for 150 Newton lifejackets, ISO 12402-3. All of its raw materials are certified per ISO 12402-7 and ISO 12402 -8 for higher strength, quality and durability. It is available in 2 sizes

Code	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
71075	15-30	60-70	60
71076	30-40	70-80	75


Pets Lifejackets
**BEST
VALUE**

Pet Retriever Buoyancy Aid & Harness

Keep your pet safe on board with the Lalizas Pet Retriever Buoyancy aid and Harness. The Lalizas Pet Retriever features a foam construction buoyancy aid and strong lifting loop to enable you to retrieve your pet. Suitable for both dogs and cats. Available in four sizes from extra small to large.

Code	20020	20021	20022	20023
Weight (Kg)	< 8	8-15	15-40	> 40
Chest circumference min-max (cm)	25-48	30-60	43-84	46-95



new

Fit & Float Buoyancy Aid, 50N, ISO 12402-5, red

Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
72155	Child	30-50	60-80	40
72156	Adult	50-70	80-100	45
72157		70-90	100-130	50
72158		>90	130-160	55



Special colours available upon request.

Easy Rider Buoyancy Aids 50N, CE ISO 12402-5

The Easy Rider Buoyancy Aid is a basic and economic version for water sports. It covers the waist and back throughout the body, while it remains comfortable. It includes one fixed and one adjustable webbing fastener, whistle and SOLAS retro reflective tapes. Approved to the latest European standards for 50Newton buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 and ISO 12402 -8, for higher strength, quality and durability. It is available in 2 sizes, in orange/yellow colour combination.

Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
71089	Child	25-40	65-80	40
71090	Adult	>40	80-130	55



Slalom Buoyancy Aid 50N, CE ISO 12402-5

The Slalom Buoyancy Aid has an improved design that provides tighter and convenient fitting on the wearer. It features a polyester outer shell, while its buoyant material is Soft PVC. It offers a new level of comfort and buoyancy, webbing fasteners and one top waist webbing fastener for total safety, plastic loop for keys, net holes for removing water and SOLAS retro reflective tapes. Approved to the latest European standards for 50 Newton buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 and ISO 12402 -8, for higher strength, quality and durability. It is available in 4 sizes, in blue/black colour combination.

Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
71064	Child	25-40	65-80	40
71065	Adult	40-70	80-100	50
71066		70-90	100-110	55
71067		>90	110-125	60





Buoyancy Aid Pro Race, 50N, ISO 12402-5

The Pro Race buoyancy aid has been designed as the "ultimate" high performance jacket. Its compact manufacturing is ideally suited for dinghy sailors, sport canoeists and windsurfers. The Pro Race buoyancy aid features high density soft PVC foam buoyancy, double sided Velcro waist straps, side entry zip, a mesh front pocket and SOLAS retro reflective tapes. It is approved to the latest European standards for 50N buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 & ISO 12402-8, for higher strength, quality and durability. Our unique double Velcro waist strap makes the Pro Race series fully adjustable to a variety of chest size users and the elastic band shoulders make it to fit younger users. It is available in 3 sizes in red and orange colour.



●	Code	71443	71444	71445
●	Code	71446	71447	71448
	Buoyancy (N)	>35	>45	>50
	Body Weight (Kg)	25-40	40-70	>70
	Chest size (cm)	65-80	80-100	100-130



Our unique double velcro waist strap makes the Pro Race series fully adjustable to a variety of chest size users



Pro race buoyancy aid has elastic band shoulders, designed to fit younger users

Neo Buoyancy Aids 50N, CE ISO 12402-5

The Neo Buoyancy aid is a new design, which features a neoprene outer shell for tighter and stylish fit, while its buoyant material is soft PVC offering a new level of comfort and buoyancy. It also features two webbing moving fasteners for total safety, plastic zip, net holes for removing water and SOLAS retro reflective tapes. Approved to the latest European standards for 50 Newton buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 and ISO 12402-8 for higher strength, quality and durability. It is available in 5 sizes, in white/red/black colour combination.



Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
71068	Child	25-40	65-80	40
71069	Adult	40-50	80-90	45
71070		50-70	90-100	50
71071		70-90	110-120	55
71072		>90	120-130	60



Performance Buoyancy Aids 50N, CE ISO 12402-5

The Performance Buoyancy Aid has an ergonomic design that provides better fitting and storage. It features a polyester outer shell, while its buoyant material is Soft PVC. It offers a new level of comfort and buoyancy, while it features one waist webbing fastener for total safety, pocket with velcro tape, plastic zip and SOLAS retro reflective tapes. Its reflective silver edging and advanced back neck area complete its design characteristics. Approved to the latest European standards for 50 Newton buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 and ISO 12402-8, for higher strength, quality and durability. It is available in 3 sizes, in blue/white colour combinations.

Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
71091	Child	25-40	65-80	40
71092	Adult	40-70	80-100	50
71093		>70	100-130	55
71288		>90	130-160	65





Action Buoyancy Aids 50N, CE ISO 12402-5

The Action Buoyancy Aid has an improved design, which provides tighter and convenient fitting on the wearer. It features a polyester outer shell, while its buoyant material is Soft PVC. It offers a new level of comfort and buoyancy, double webbing fasteners for total safety, plastic zip and SOLAS retro reflective tapes. Its reflective silver edging and advanced back neck area complete its design characteristics. Approved to the latest European standards for 50 Newton buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 and ISO 12402-8 for higher strength, quality and durability. It is available in 4 sizes, in orange/black colour combination.

Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
71060	Child	25-40	65-80	40
71061	Adult	40-70	80-100	50
71062		70-90	100-110	55
71063		>90	110-125	60



Foam LifeJackets & Lifebelt



Lifejackets 100N, CE ISO 12402-4

The 100Newton lifejackets reduce the risk of drowning for both swimmers and non-swimmers in sheltered waters in most conditions. Specifically designed to turn the unconscious user face up and support the head. It provides an improved fit and maximum safety. A large flotation collar supports the user's head for keeping the head out of water and its design provides the user's return on time. The lifejackets have a crotch strap for keeping the vest securely whilst in the water, while the small size also features fabric pampers. It includes, one webbing fastener, whistle, plastic zip and SOLAS retro reflective tapes. An end rope with plastic button is fixed at the end of each lifejacket for adjustable wearing. Approved to the latest European standards for 100Newton lifejackets, ISO 12402-4. All of its raw materials are certified per ISO 12402-7 and ISO 12402-8, for higher strength, quality and durability. It is available in 6 sizes, in fluorescent orange colour.

Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
72067	Baby	3-10	50-60	32
72068	Child	10-20	60-75	42
71077		15-30	60-70	45
71078		30-40	70-80	55
71079	Adult	40-50	80-90	66
71080		50-70	90-100	88
71081		70-90	110-120	105
71082		>90	120-130	115



Lifejackets 150N, CE ISO 12402-3

It is a new design with high buoyancy for maximum security. A large flotation collar supports the user's head for keeping the head out of water and its design provides the user's return on time. The lifejackets have a crotch strap for keeping the vest securely whilst in the water, while the small size also features fabric pampers. It includes one webbing fastener, whistle, plastic zip and SOLAS retro reflective tapes. An end rope with plastic button is fixed at the end of each lifejacket for adjustable wearing. Approved to the latest European standards for 150Newton lifejackets, ISO 12402-3. All of its raw materials are certified per ISO 12402-7 and ISO 12402-8, for higher strength, quality and durability. It is available in 6 sizes, in fluorescent orange colour.

Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
71083	Child	15-30	60-70	65
71084	Adult	30-40	70-80	80
71085		40-50	80-90	99
71086		50-70	90-100	140
71087		70-90	110-120	155
71088		>90	120-130	165



Work Vest 50N, CE ISO 12402-5

The work vest is specifically designed and constructed for use in the work environment. It is open on the side areas for light wearing and it features a polyester anti fire outer shell, while its buoyant material is soft PE. Its two waist webbings are adjusted by the stainless steel buckles, while the vest is fastened by using the stainless steel D-rings and hooks. It is provided with SOLAS retro reflective tapes. It has also a fabric pocket for placing tools or other light equipment. Approved to the latest European standards for 50 Newton buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 and ISO 12402 -8, for higher strength, quality and durability. It is available in one adult size and in orange colour.

Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
71144	Adult	>40	80-130	50

Accessories of Work Vest

Code	Description
71153	Buckle for 71144, Inox 304, 34x26,5x3mm, ISO 12402-8
71154	D-Ring for 71144, Inox 304, 25x20mm, ISO 12402-8
71155	J Hook for 71144, nickel plated steel, ISO 12402-8

71154



71153



71155



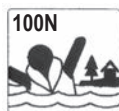
BEST
VALUE

ISO 12402 Lifebelts Series

The series of ISO 12402 Lifebelts of 100Nt & 150Nt have been tested and certified per the EN ISO 12402-3, EN ISO 12402-4, EN ISO 12402-7 and EN ISO 12402-9 testing standards according to directive 89/686/ EC for recreational boats. They are equipped with a waist webbing of 30mm width, retro reflective tapes (IMO Resolution A.658 (16)) and the EN ISO 12402-7 & EN ISO 12402-8 whistle approved.



Adult



Child

BEST
VALUE

Lifebelt 100N, CE ISO 12402-4

The 100 Nt lifebelts have been designed for people who may have to wait for rescue, but are likely to do so in sheltered water. They have been tested and certified per the EN ISO 12402-4, EN ISO 12402-7 and EN ISO 12402-9 testing standards according to directive 89/686/ EC for recreational boats. They come equipped with a 30mm width waist webbing, 100cm² retro reflective tapes (IMO Resolution A.658(16)) and the EN ISO 12402-7 and EN ISO 12402-8 whistle approved.

	Child	Adult
Code	70992	70991
Body Weight (Kg)	15-40	>40
Chest Size (cm)	50/80	80/125
Buoyancy (N).	>50	>100



Adult



Child

BEST
VALUE

Lifebelt 150N, CE ISO 12402-3

The 150 Nt lifebelts have been designed for general application or for use with full weather clothing. They are also capable to turn an unconscious person into a safe position and require no subsequent action by the user to maintain this position.

The 150 Nt lifebelts have been tested and certified per the EN ISO 12402-3, EN ISO 12402-7 and EN ISO 12402-9 testing standards according to directive 89/686/ EC for recreational boats. They come equipped with a 30mm width waist webbing, 300cm² retro reflective tapes (IMO Resolution A.658 (16)) and the EN ISO 12402-7 & EN ISO 12402-8 whistle approved.

	Child	Adult
Code	70994	70993
Body Weight (Kg)	15-40	>40
Chest Size (cm)	50/80	80/125
Buoyancy (N).	>75	>150



Lifejackets Dry Bag

This simple and easy to use Lifejackets' Dry-bag by Lalizas, stands out as the most intelligent and waterproof storage solution for all the necessary safety equipment of your boat. Made of durable transparent material, without any unnecessary seams, it meets the minimum space consumption requirements, and offers the ability of immediate use in case of an emergency or a boat inspection. It is specially designed for storing foam lifejackets of 100N or 150N, while at the same time can secure all hand and smoke signals required by regulations, in the available space between the lifejackets' neck grooves.

Available in 3 sizes, as well as 2 sets of a Dry Bag and 4 or 6 foam lifejackets (100N) respectively.



BEST
VALUE



*Lifejackets not
included

Lifejackets Dry Bag

Code	Size	Dimensions (cm)	Suitable for LALIZAS Lifejackets		
			70991 (100N)	70993 (150N)	70159 (Solas '74)
71220*	1	93x57x36	4	3	5
71221*	2	93x68x36	6	4	7
71222*	3	93x93x36	9	6	10

Lifejackets Dry Bag Set
with 4 or 6 pcs 70991 (100N)

Code	Included	Dimensions (cm)
71223	4pcs 70991 (100N)	60x36x28
71224	6pcs 70991 (100N)	60x36x45

SOLAS Foam Lifejackets



new

0098



Adult



Compact Folding Lifejacket SOLAS LSA Code 2016

	Child	Adult
Code	72215	72214
Body Weight (Kg)	15-43	43-140

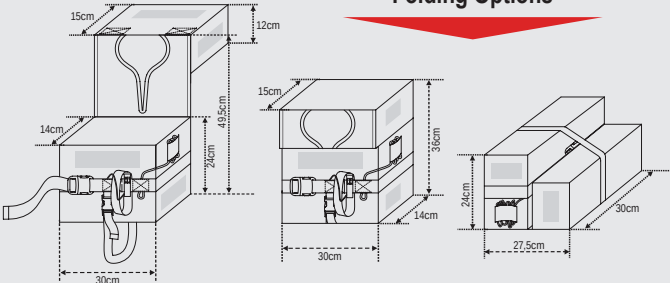
0098



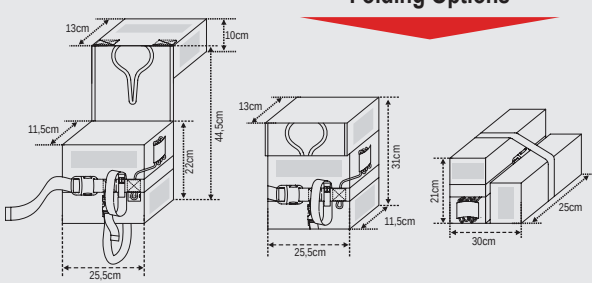
Child



Folding Options



Folding Options



Advanced 2010 SOLAS Lifejacket Series

The series of SOLAS Lifejackets Advanced 2010 fully complies with the new regulations [IMO Resolutions (MSC.201(81), MSC.207(81), MSC.200(80), MSC.226(82), MSC.218(82), MSC.216(82)), which are mandatory for all lifejackets used on-board Community ships.



0098

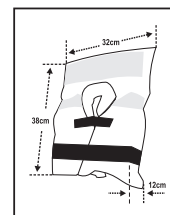
BEST VALUE



Advanced Infant Lifejacket SOLAS-(LSA Code) 2010

For the first time the regulations demand the instigation of Infant Lifejackets on-board community ships. The Lalizas Advanced Infant Lifejacket fully complies with the regulations (IMO Regulations), which are mandatory for all lifejackets used on-board Community ships. They are designed for use most weather conditions. It is also features lifting loop and orange buddy line for easy rescue. Furthermore, it is recommended to combine the lifejacket with the compatible Lalizas Lifejacket Light.

Code	70176
Body Weight (Kg)	0-15



Adult



0098

BEST VALUE



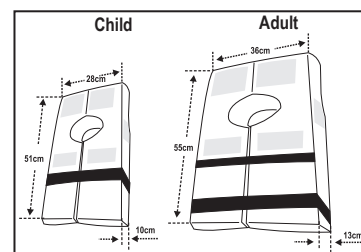
Child

Advanced Lifejacket SOLAS-(LSA Code) 2010

These jackets are manufactured to equip all commercial vessels. They fully comply with the requirements of the regulations (IMO Regulations), which are mandatory for all lifejackets used on-board Community ships. They are supplied in adult and child sizes. The adult lifejacket is appropriate for passengers with chest size up to 175cm, oversize passengers, while are provided with lifting loop and orange buddy line for easier rescue.

It is also recommended to combine the lifejacket with the compatible Lalizas Lifejacket Light.

	Child	Adult
Code	70177	70178
Body Weight (Kg)	15-43	>43



0098

BEST VALUE

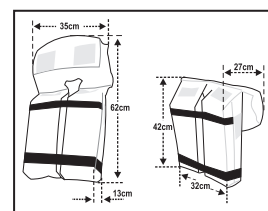


Advanced Folding Lifejacket SOLAS-(LSA Code) 2010

Specifically manufactured to be easily stored, while fully compliant with the requirements of the regulations (IMO Regulations), which are mandatory for all lifejackets used on-board Community ships. It is appropriate for passengers with chest size up to 175cm, oversize passengers, while is provided with lifting loop and orange buddy line for easier rescue. This jacket is ideal for storing underneath the seat, as it can be easily folded.

Further it is recommended to combine the jacket with the compatible Lalizas Lifejacket Light.

Code	70179
Body Weight (Kg)	>43



Features



Adjustable strap
(70178-70179)



Comfortable fit around
the neck



Whistle



Lifting loop



Orange buddy line



0098

Lifejacket LED Flashing Light "Safelite II"
water activated ON-OFF,
L.S.A.Code

Code.....71209

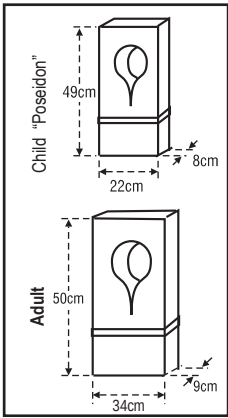
* The CE approval certificate replaces all the National approval certificates of European committee member states (D.O.T - U.K etc). * L.S.A Code (Life-Saving-Appliances Code) latest amendment of Chapter III of SOLAS in force since June 1998.



BEST
VALUE



BEST
VALUE



Dimensions are in cm

SOLAS '74 Life Jackets

Commercial grade lifejacket manufactured in accordance with SOLAS 74 requirements. Available in adult and child sizes.

	Child	Adult
Code	70157	70159
Buoyancy (N)	55	95
Body Weight (Kg)	0-55	>55

SOLAS Lifejackets (L.S.A. Code)

Primarily aimed at the commercial market these cost efficient lifejackets have been accredited with CE approval certificates by Bureau Veritas. Available in child and adult sizes, with or without light.

	Child "Poseidon"	Adult
Code	70167	70169
Buoyancy (N)	94	150
Body Weight (Kg)	15-41	>32

* The CE  approval certificate replaces all the National approval certificates of European committee member states (D.O.T - U.K etc). * L.S.A Code (Life-Saving-Appliances Code) latest amendment of Chapter III of SOLAS in force since June 1998.

Immersion Suit & Thermal Protective Aid



Thermal Protective Aid "Alusafe-T" - LSA Code

One of the most developed designs in the field of thermal protection, the Lalizas «Alusafe-T» suit is constructed with aluminum film coated fabric, so as to protect the wearer from hypothermia, which may be caused by prolonged exposure in liferaft and rescue boats.

The low thermal conductivity of aluminum reduces both the convective and evaporative heat loss from the user's body and preserves stable temperature. Survivor's protection from wind and cold is warranted, as it covers the fully clad body wearing even a lifejacket. Even more, «Alusafe-T» suit meets the 'LSA Code' requirements.



BEST
VALUE



0098

Code.....70461

Height range : 1,45 - 2,00 m
Weight range: 40-150 Kg



Immersion Suits Insulated "Neptune"

It is well known that a person's chances of survival when immersed in water are improved only by the ability to remain dry and maintain the body temperature at a comfortable level. Lalizas has designed its Immersion suit to protect you in situations where the danger of hypothermia is great, thereby greatly increasing your chances of survival. The Lalizas Immersion suit is made of reinforced neoprene and incorporates a face seal and flap, 3 fingered gloves, front waterproof zipper, ankle cuffs, neoprene pocket and retro-reflective tape. All these features have been designed to protect you against cold, without diminishing the freedom of movement. Exceeding the latest SOLAS specifications for hypothermia protection, it is ideal use on board ferries, offshore drilling rigs, rescue boats, man-overboard boats and for general commercial use.



0098

**BEST
VALUE**

Code	70454	70455	70457*
Size	Universal Size	Xlarge	Universal Size

* The CE  approval certificate replaces all the National approval certificates of European committee member states (D.O.T - U.K etc).

* L.S.A Code (Life-Saving-Appliances Code) latest amendment of Chapter III of SOLAS in force since June 1998.



* With rubber gloves

**Junior Immersion Suit
'Neptune Junior', Insulated
NON-SOLAS**
Code.....71246



Inspection device for Immersion suit

The aluminum kit contains a set of Servicing Equipment.

- A face fixture (two parts)
- A pressure gauge (0-6kPa)
- A foot pump (with multi-valve adaptor)
- Glue and applicator (two pieces)

Code..... 70168

new

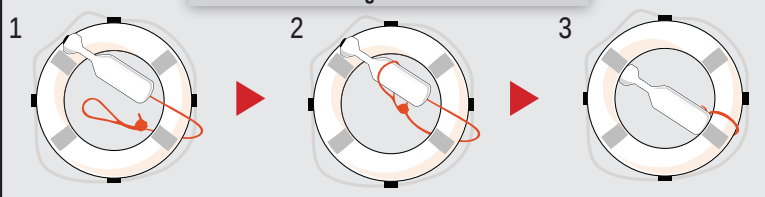
Encapsulated Life Buoy Rescue line, 30m



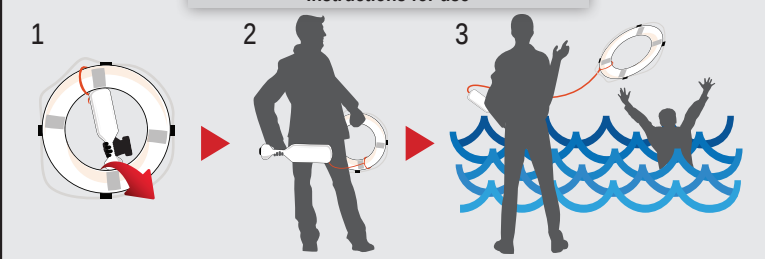
Rope
Material: PP
Diameter 8mm

Code.....72190

Mounting Instructions



Instructions for use



Rescue Systems Life-Link

The Lalizas Life-Link Man-Overboard Rescue system is designed to be permanently mounted to the pushpit in it's own soft, easy clean PVC bag. The kit contains 50m of floating line attached to a sturdy buoyant PVC life-sling and a personal retaining clip for added safety. Deployment is achieved by removing the Life-Link, attaching the floating line to a secure point and throwing astern. Once in the water the boat should circle the casualty allowing the Life-Link to be towed to their aid. Rescue is completed when the casualty is safely clipped into the life-link, winched to the boat and hauled on board.



Contents:
- Rail mounted PVC stowage bag
- 50m floating line Soft PVC
- Life-Link with webbing strap

Code....20440

BEST VALUE



How to retie the knot to the Life-Link



1. Put the line through both D-rings and hold steadily the short end. Make a loop with the long end and pass through it the short rope.
2. Then pass the same end under and around the long part and through the loop again
3. To fasten pull together from points A and B

Procedures for repacking the Life-Link MOB



1. To repack the line: Leave 50cm of line outside the bag. Hold with your right hand



2. Measure another 50cm and fold the rope in two to create a "U" shape. Place the folded rope in the inside pocket of the bag.



3. a) Holding the line going to the Life-Link with the right hand, start gathering it creating a zig-zag. The width of the zig-zag should be approx. 20cm.
b) Continue in the same way, until enough line is collected in your hand



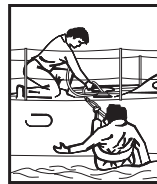
4. Place this in the inside pocket gently. Repeat step 3 until all the line is gathered in the pocket in an orderly fashion.



1. Deploy M.O.B. system astern circle casualty until contact is made



2. Confirm casualty is secured in M.O.B. before rescue is attempted



3. Winch casualty slowly to the boat



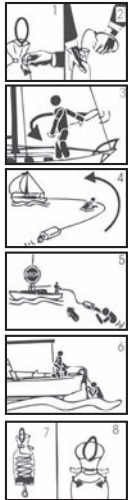
4. Haul casualty on board.

Life link mini, M.O.B. rescue system with 20m rope

The LALIZAS Life-Link Mini, Man Overboard rescue system, is the smallest & lightest M.O.B. Rescue System of the LALIZAS Lifelink range. The extra visible yellow kit bag features a useful user imprinted instructions and contains a 20m of retrieval floating rope, linking the survivor to the rescuer. Suitable to be mounted on any type of rails or even fender holders; it's also useful in cases such as getting a line to a dock, as well as river leisure activities, such as canoeing, rafting, etc because of its compact size.

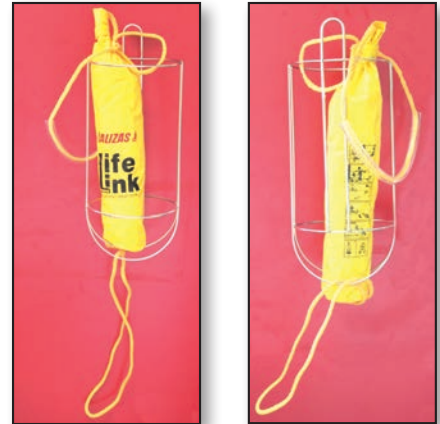
The Life-Link Mini, M.O.B. Rescue System features a grab loop at both ends, enabling both the rescuer and the survivor to remain attached to the rope. The rescuer loop features a transparent anti-slip plastic cover to provide a firm grasp.

Deployment can be achieved by opening the Life-Link Mini case, so that the rope is able to be released, and then thrown astern by holding the anti-slip plastic loop. Once in water, the boat should circle the person over board allowing the Life-Link Mini to be towed to their aid. Rescue is completed when the person over board is safely grabbed by the life-link, and either is pulled or winched to the boat and hauled on board.



BEST VALUE

Code.....71682



*The product is provided without the stainless steel bracket.

Pre-cut



Floating Rope, orange

Code	Diameter (mm)	Length (m)	Strength (kg)
94801	6	30	320
70260	8	30	400



Cabo

Floating Rope, orange

Code	Diameter (mm)	Length (m)	Strength (kg)
98991*	6	200	100
98992*	8	200	260
98993*	10	200	310

* Sold by linear meter

Safety Ladders

Safety Ladder "Safe Up", M.O.B, 5 steps

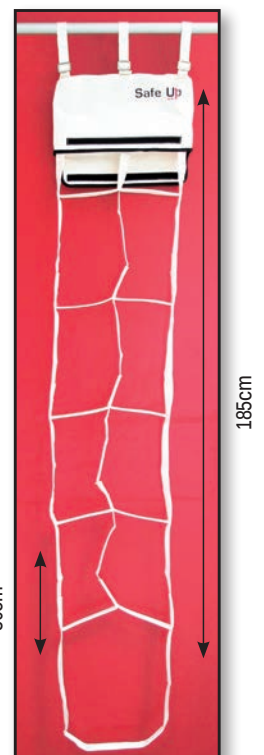
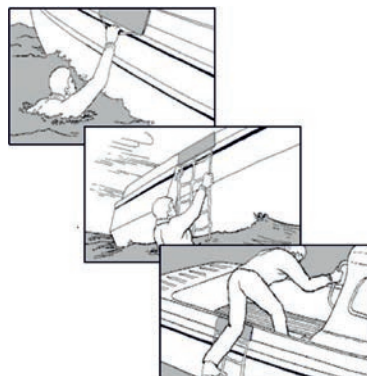
Having the dimensions of a small handbag, the brand new waterproof and lightweight Safety Ladder "Safe Up", MOB, 5 Step is an essential piece of safety equipment for every boat. Manufactured with extremely durable materials, it features 5 step made of straps, which are connected together via extra safe stitching; while the additional intermediate vertical strap ensures the complete vertical support of the steps while climbing, avoiding the natural side retreating of the straps during use.

The very last step is also used as the handle for the manual opening, when the ladder is folded and stored. while a special sinker is sewn inside to keep the handle properly accessible from the case in all weather conditions. The Safety Ladder "Safe Up", MOB, 5 Step feature a Velcro for easy opening, and three adjustable fixing straps that can be easily adapted to the rails or any corresponding mounting point on the boat.

Code.....71684



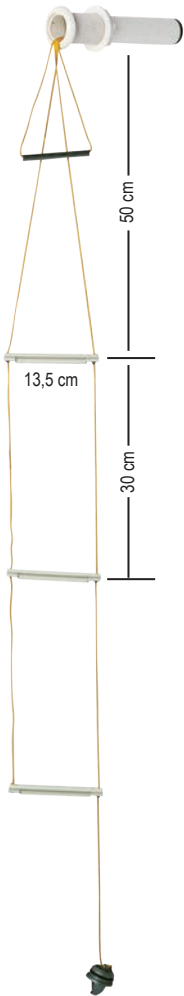
BEST VALUE





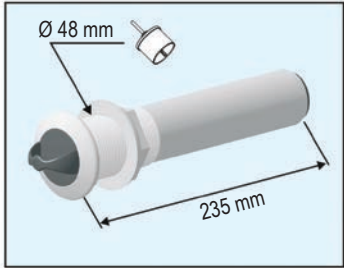
Flushmount Safety Ladder

Helps any crewmember get back on board easily without external help. Suitable for frequent use (during your vacations) or in case of Man Over Board. Consists of 3 polypropylene steps and 1 st. steel handle assembled by a highly resistant line, (bright yellow polyester of Ø 3mm). The Ladder is stored in a polyamide tube with a grey polypropylene cap, for optimum protection and waterproofness. The Man Over Board removes the cap, pulls the ladder down and climb on-board.



- Light
- Easily flushmount mount (like a thru-hull fitting).
- Transom or skirt mount (sail and power boats), just above waterline.

Code.....51558

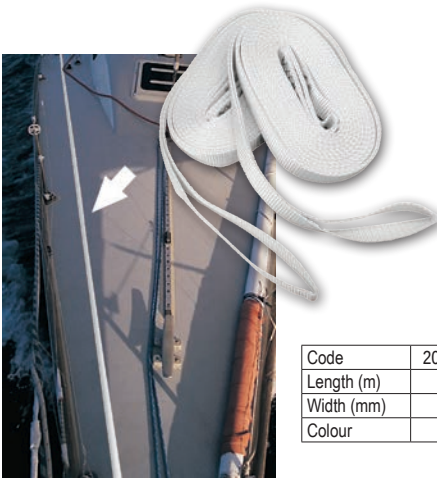


Safety Harness & Jacklines



Vesttype Safety Harness, with D-ring

Code....71152



Life-Link Jacklines

These Jacklines, otherwise called jack stays, will keep you securely on board without hindering your freedom of movement. Made of 25mm durable, UV-resistant Polyester strap, the 'Life-link' Jacklines feature two loops to attach it to the boat. Available in yellow colour and five sizes from 6m, to 10m.

Code	20702	20703	20704	20705	20706
Length (m)	6	7	8	9	10
Width (mm)	25				
Colour	White				



Lifebuoy Ring SOLAS with retroreflective tapes

Designed for pleasure and commercial usage, features an orange, rack hard, cross-linked polyethylene outer shell that will not deteriorate and is unaffected by extreme weather conditions CE approved to SOLAS (L.S.A Code)* by DNV - GL .

Code	70090	70110
Weight (kg)	2.5	4
Drop Height (m)	80	

* The CE approval certificates replace all the National approval certificates of European committee member states (D.O.T-U.K etc).

* L.S.A Code (Life-Saving-Appliances Code): latest amendment of chapter III of SOLAS in force since June 1998. until 1998



Plastic holder for life ring
Code.....01107 (Set of 3 pcs)



Ext. Diam. 730 mm
Int. Diam. 440 mm



0098

BEST
VALUE



SATURNO Non-SOLAS ring lifebuoys

Polyethylene structure.
Fitted with a 3 mm grabline

Code	Description	Ø ext. (cm)	Ø int. (cm)	Height (cm)	Weight (kg)	Buoyancy (N)
44666	Filled with polyurethane foam	57	35	9	1,3	88
12010	No foam-filling	57	35	9	0,9	91



0474



GIOVE

SOLAS ring lifebuoys

Code	Description	Ø ext. (cm)	Ø int. (cm)	Height (cm)	Weight (kg)	Buoyancy (N)
38158	Without throwing line	60	40	12	2.5	144

Holder for lifebuoy ring & light
Glass-reinforced plastic.
Fits easily on any rail Ø 18 to 25 mm.
Code.....45185



OCEAN Clip-on LIFEBOUOY Support

Code.....197763



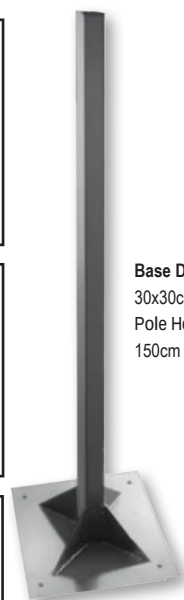
**Set of Lifebuoy Ring Case,
with 70090 Lifebuoy Ring
& Floating Rope**

70090 Ring &
30m Floating Rope

Code....71285

**BEST
VALUE**

Height: 85cm
Width: 85cm
Depth: 20cm

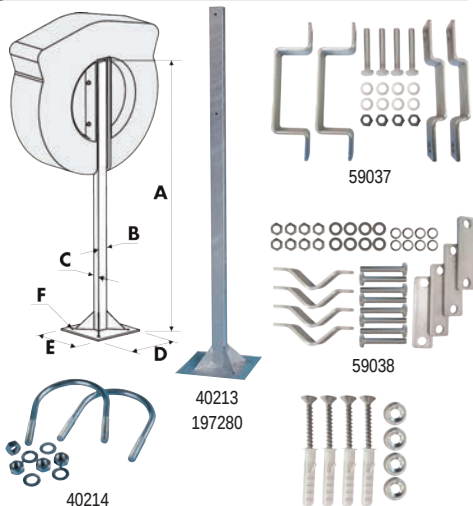
Mounting Kit Included
**BEST
VALUE**
Base Dimensions:
30x30cm
Pole Height:
150cm

**Deck Pole Base for
Lifebuoy Ring Case**

Code....71286


Lifebuoy Ring Container
Container alone
Dimensions: 84 x 108 x 31 cm (H x W x Depth)
Code....40212

**Container with door
for Lifering buoy Ø 60 or 75 cm**
Features a transparent round opening to check the
presence of the buoy.
Dimensions: 90 x 90 x 22 cm (H x W x Depth)
Code....196992

Container supplied empty.
Buoy should be ordered
separately.

Accessories for mounting


Description	Pole Kit for lifebuoy container		Mounting kit for Ø 6cm rail*	Mounting kit for rail*	Wall mounting kit (bolts + screws)
	Pole	Mounting Kit For Pole			
For standard container model	40213		40214	-	59039
For container with door	197280	59037	-	59038	

*(banister and jetty balustrade)

Code	Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (drilling)
40213	Standard container	150	6	4	30	30	Ø 1,5cm
197280	Container with door	200	10	5	25	25	2,3 x 1,1 (oblong hole)

new



BEST
VALUE

**Set Lifebuoy Ring SOLAS 75cm,
Lifebuoy Light 71325, 30m rope,
case gray**

- Included:
- 1 lifebuoy ring (code 70090)
 - 1 lifebuoy light (code 71325)
 - 30m floating rope, Ø 8mm orange

**Lifebuoy light 70030 / 196482 (not included) can also fit into the case*

Code.....72077

**Case for Set Lifebuoy Ring SOLAS 75cm,
Lifebuoy Light 71325, 30m rope, grey**

Code.....72345

BEST
VALUE



**Lifebuoy Ring,
No 45 with rope**

Ext.Diam. 420mm
Int.Diam. 210mm

Code.....63219



Mooring Ring with 30m rope

Designed for the retrieval of MOB, the ring is moulded in PVC, weighing only 250gr and is tied to a 30m floating rope.

Dimensions:
Ext.Diam. 17,5cm
Int.Diam.10,5cm

Code.....20693

Horseshoe Lifebuoys

new



BEST
VALUE

**Set Horseshoe Lifebuoy 'Quick RD' orange,
Lifebuoy Light 71325, 30m rope, case gray**

- Included:
- 1 horseshoe lifebuoy "Quick RD" (code 70164)
 - 1 lifebuoy light (code 71325)
 - 30m floating rope, Ø 8mm orange

**Lifebuoy light 70030 (not included) can also fit into the case*

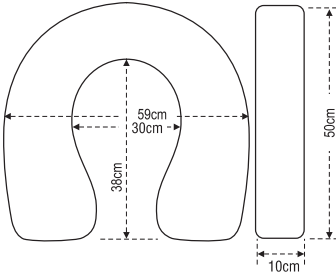
Code.....72078

Horseshoe Case for "Quick Rd", grey

Code.....72330



BEST
VALUE



Horseshoe Lifebuoy "Quick RD", 145N

The new Lalizas horseshoe lifebuoy is made of polyester with PVC backing. It is waterproof; its fabric doesn't fade, while it is highly resistant to UV radiation. For storing this lifebuoy you can use the horseshoe bracket (20580), where the lifebuoy light M.O.B (70030) can be also mounted. The "Quick Fit" horseshoe cases (70018 & 70019) are ideal for its storage. It is available in three colours, orange, yellow and white.

Code	70162	70164	70165
Colour	Yellow	Orange	White



Horseshoe Case "Quick Fit", size 1

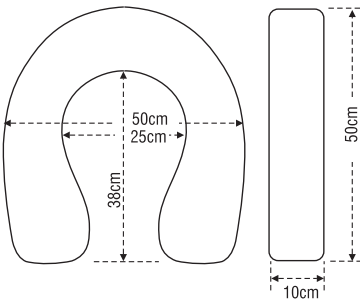
The "Quick Fit" case is suitable for storing the "Basic I" Horseshoe Lifebuoys. It is made of Polyester fabric, of 0.33mm thickness, with PVC backing, which makes the case waterproof, protecting the lifebuoys from most weather conditions. The case features a quick Velcro open - close system and straps for mounting the case on your boat's rails. Its design allows you to store the lifebuoy light as well. It is available in white & yellow colour.

Code	70018	70019
Colour	White	Yellow

BEST
VALUE



€ BEST
VALUE



Horseshoe Lifebuoy "Basic I", 140N

Horseshoe Lifebuoy "Basic I" consists of a flexible zipper cover and features a plastic clip fastening. It is available in one size and in three different colours white, yellow and orange.

Code	20530	20540	20550
Colour	Orange	White	Yellow

Stainless Steel Horseshoe Bracket with light holder

The Lalizas stainless steel horseshoe bracket can be easily installed on any kind of vessel. Its fixing system allows horseshoe and lifebuoy light to be easily removed in case of emergency.



Code.....20580

BEST
VALUE



BEST
VALUE

Holder for Lifebuoy Ring & Horseshoe

This holder is ideal for placing and storing your ring or horseshoe lifebuoy. It comes with a plastic holder, which makes it easy to mount onto your boat's rails. It is made of stainless steel and comes with a small elastic stretch cord for keeping the ring or lifebuoy steady on the holder. You can also store the lifebuoy light since it features plastic clips on the base of the holder.

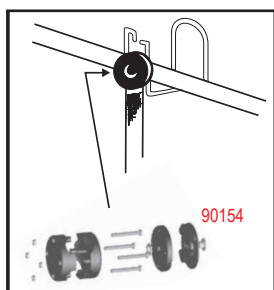
Code.....95733

**BEST
VALUE**



Holder for ring or
horseshoe life buoy

Code.....20707*



* Set of connector & rail mounts 90154 are
not included

**BEST
VALUE**



Rail Mount for lifebuoy light

Code..... 20581



Connector Paralell,
for fenderbaskets

Code.....90163

**BEST
VALUE**



Set of Connector & Rail
mounts for fenderbaskets

Code..... 90154

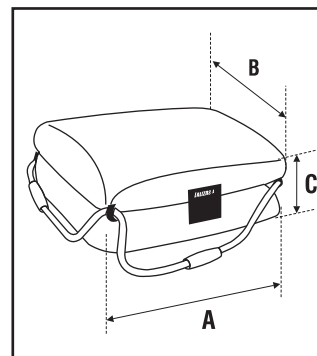
Life Saving Apparatus

Life Saving Apparatus - "Cushion Type"

- For use on sail or motor boats
- Made of a durable nylon outer shell and inner layers of polyethylene
- Complete with all round rope Lifeline
- Lightweight and doubles as a cushion
- Available in 3,4 and 6 person models
- High visibility orange
- Approved to EEP. Approval number: 4232/24/01



Code	70270	70271	70272
Persons	3	4	6
A (cm)	40	52	46
B (cm)	50	47	70
C (cm)	29	25	36

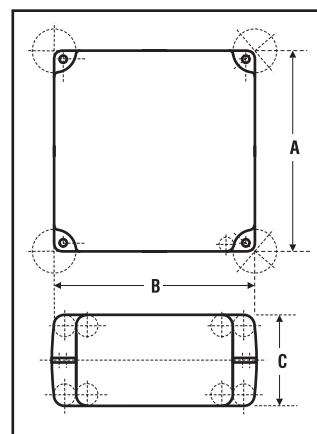


Life Saving Apparatus (Plastic)

- For use on sail or motor boats
- Outer cover made of high strength polyethylene with an inner polystyrene filling
- Complete with all-round rope lifeline
- Available in 4, 8 and 12 person models
- High visibility orange
- Approved to EEP. Approval number: 4232/46/00



Code	70131	70133	70135
Persons	4	8	12
Volume (lt)	80	151	252
Weight (kg)	5	11	18
A (cm)	55	76	100
B (cm)	55	76	100
C (cm)	25	25	25



new

DELFINO



DELFINO Lifefloat Foamfilled with Reflective Tape

Lifefloats approved by the Italian Merchant Marine. Constructed in indestructible plastic material. Filled with polyurethane foam. Provides efficient buoyancy in the event of shipwreck or Man Overboard. Allows the victims to gather in order to ease survival and rescue. High density polyethylene, filled with polyurethane foam for buoyancy. Fitted with reflecting stripes for added visibility. Braided rope is reeved through reinforced eyelets at regular intervals (2, 3 or 4 eyelets on each side) to account for a larger number of persons grasping the rope.

Code	Persons	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
195392	4	900	900	280	16
195393	8	900	900	280	16
195394	12	980	980	300	23

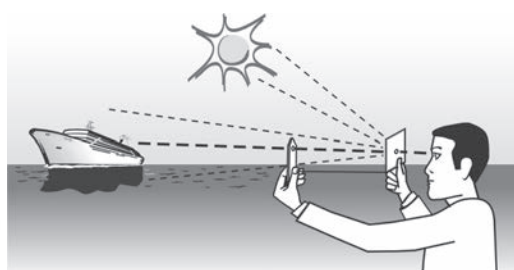
Approved by
the Italian Merchant Marine

Signalling Mirror 7x7cm

Code.....56570

**BEST
VALUE**
INSTRUCTIONS OF USE

1. Hold foresight in left hand with arm fully extended
2. Hold the signalling mirror in right hand toward the sunlight, facing the back of the mirror
3. Align the holes of the foresight and the mirror on the target
4. Move mirror until the reflection of the sun from the mirror can be seen on the foresight and a shadow point appears in its hole
5. The ray is now directed at the target

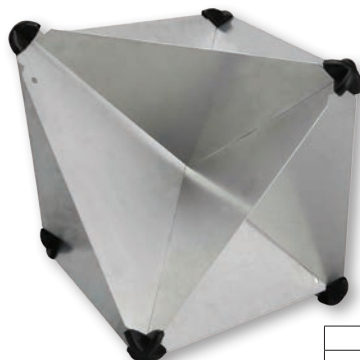


new

72075
72076

Radar reflector, Tube type

Code	Description	Length (cm)	Diameter Ø (cm)
72075	for sailboat	58	5
72076	for powerboat		


Reflector

Made of light alloy. Provided with head plastic protection. Folding model for easy storage when not required. Single packing in a plastic bag.

Code	Description	Dimensions(mm)
97638	STANDARD 12"	215x215x300
97639	R.O.R.C 16"	300x300x415
35000	R.O.R.C 18"	340x340x470


Signalling mirror

One of the most reliable, effective signalling devices : features an aiming spot to assist you in flashing in the intended direction. Ø 86 mm.

Code.....27177


Anchor Ball

Internationally recognised daytime signal used by boats when at anchor. Made of tough polypropylene. Folds easily for storage.

Code	Diameter (mm)
16185	300
39553	350


Motoring Cone

This signal should be displayed on sailing boats, when travelling under power. Indicates use of motor on a sailing boat. Folds flat.

Code	Dimensions (mm)
16206	350x340
39552	470x330

Visual Distress Signals
Storage Bottle


Code	39642	39643	39644	39645
Capacity (lt)	6	8	12	15
Diameter (mm)	240			
Height (mm)	195	260	380	440



Hand Signals LSA Code
Code.....70230



Hand Signals
Code.....70200



Parachute Signals
Code.....70220



Smoke Signals
Code.....70210

Sound Signals

new



Signal Horn Set
ECO - 300ml
Code.....72327

- Non-flammable Gas
- 99,5% Lower GWP



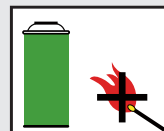
1. Install trumpet by clipping it to the top of the canister



2. To operate push down the button on the top of the horn



3. Signal horn must always be used in upright position



4. Do not pierce or burn, even after use



Fog Horn Head Only
Code.....10031

Complete Units in Blister Packing
Signal Horn 380ml Acoustic range approximately 1500 m.



Refill Horn Canister
Code.....10032



SignalHorn & Refilling Canister in Blister Pack
Code.....10033



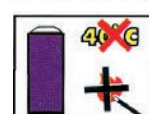
1. Install horn by screwing it on the pressurised container



2. To operate press down the horn



3. Signal horn must always be used in upright position



4. Do not store the pressurised container in direct sunlight. Do not expose to temperatures exceeding 40°C. Do not pierce or burn, even after use.



Nautical Whistle
Commercial grade, non corrosive, pea-less marine whistle. Manufactured in accordance with SOLAS 74/83. Approvals: EC-Type Certificate ISO 12402-8 & 7 Parts, PRS

Code.....70010 70020
Colour.....Blue Orange



Mega Horn
Whatever the use the Mega Horn is bound to be heard. The sound produced measures at least 105 D.B. Available in red, it comes complete with a counter merchandising display box. Floating, non-corrosive, and friendly to the environment. Available in showcases of 12pcs.
Code.....10040



Megaphone with Siren
- Diameter: 200mm
- Length: 350mm
- Power: 20W
- Sound Coverage: 400m approx.
- Function: Talk/Siren (or Music)
- Batteries: 6D
- ABS Housing

Code..... 90168



Fog horn
Highly resistant polyamide.
Length: 30 cm Ø 8 cm
Code.....16183

Retroreflective Tape

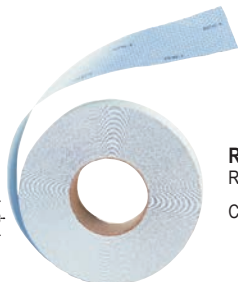


Reflective Tape "KIT 16"
16 reflective stripes. Length: 15 cm
Code.....44095



Reflective Tape "KIT 4"
4 reflective stripes for life ring. Length: 42 cm
Code.....44096

BEST
VALUE



Retro reflective Tape - SOLAS, 40m (ROLL)
Retroreflective tape to SOLAS (L.S.A Code). Length 40m.
Code.....70180



Retroreflective Tape - SOLAS - Set of 6 pieces - 5x10cm
Retroreflective tape retail pack to SOLAS (L.S.A Code) by Lalizas. Six 10cmx5cm self adhesive strips per pack. May be sewn.
Code.....70190

Sea Anchors - Drogues

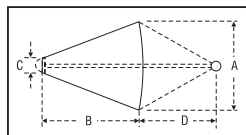


Professional Sea Anchors - Drogues

Lalizas has designed the Professional Sea Anchor (Drogue) especially for use on large boats and under harsh conditions. The fabric is 200D polyester coated on both sides with 0,45mm PVC. Lalizas Professional Sea Anchors are immensely strong using 40mm, UV resistant, webbing terminating on a 6mm x 60mm Inox connecting ring. Lalizas drogues are supplied in a safety yellow colour, packaged in a handy, tough stowage bag.



Boats Length	Code	A(cm)	B(cm)	C(cm)	D(cm)
15m (49ft)	10240	200	165	20	160
18m (59ft)	10241	250	210	25	200
21m (69ft)	10242	300	250	30	240



ATTENTION: This is a very general guide and there may be variations based on the weight, keel of the boat, even on the intended use of the sea anchor etc. Your choice should not be based only on the guide.

Sea Anchor (Drogue)

Made of strong coated PVC with continuous webbing inside, for added strength. Suitable for boats between 4,5-12m.



BEST
VALUE

Boats Length	Code	A(cm)	B(cm)	C(cm)	D(cm)
4,5m (15ft)	10071	50	55	8	64
6m (20ft)	10072	65	75	10	70
7,5m (25ft)	10073	125	125	17	125
9m (30ft)	10074	135	142	20	125
12m (40ft)	10075	190	145	20	130

new

Safelite IV



0098



LALIZAS Lifejacket LED
flashing light "Safelite IV"
ON-OFF water activated, L.S.A. Code

Code.....72349

Lithium Battery

Alkalite II



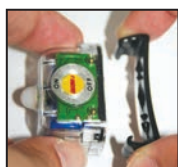
0098



LALIZAS Lifejacket LED flashing
light "Alkalite II" ON-OFF water
activated, L.S.A. Code

Code.....72348

Alkalight Battery



- SOLAS Certified Product
- LED Flashlight Technology
- Water Activated
- Inspection friendly label
- Functions only when in-water*

* Guarantees protection against the unnecessary use and battery loss, out of the water.



"Safelite II" Functions

1. **WATER ACTIVATED AUTO-ON:** The Safelight II is activated automatically, when it comes in contact with water

2. **MANUAL-OFF (In-Water Function Only):** While in use, by pressing the ON/OFF button the Safelight II will switch-off, to save battery

3. **MANUAL-ON (In-Water Function Only):** While switched-off, by pressing the ON/OFF button, the Safelight II will switch-on



Technical Specifications

- Small size and lightweight compact design
- Extra powerful LED light, for lower consumption and longer life
- Quick and easy installation with two moves
- Fits and locks with every 20-40mm lifejacket belt, providing security & stability against sudden panic moves
- Lithium battery with 5 year lifetime, from the indicated production date and more than 8 hours of continuous use
- Made of durable plastic
- Waterproof, shielded via ultrasound welding and Epoxy Resin, for extra safety



Hole Puncher For
71209
Code.....71215



Base for Lifejacket
Flashing Light 71209
Code.....71214

Safelite II



Original Size

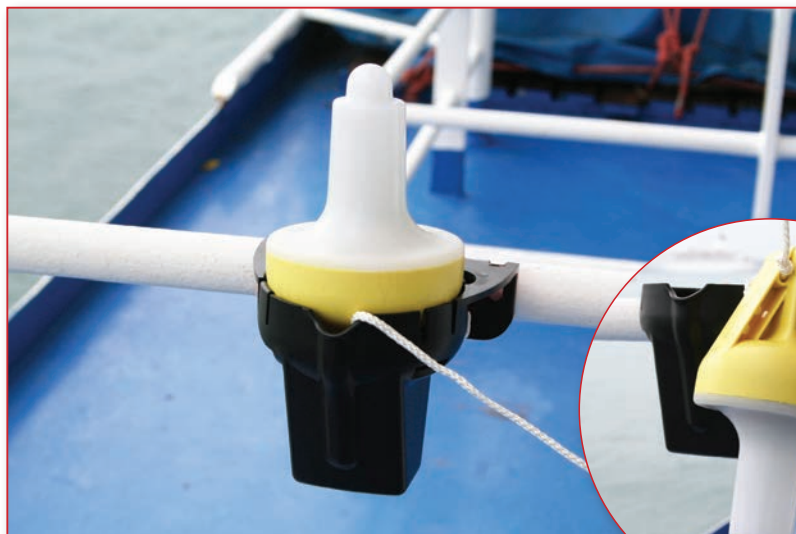
Lifejacket LED Flashing Light "Safelite II" water
activated ON-OFF, L.S.A.Code

Code.....71209



0098

BEST
VALUE



Code.....71326

LALIZAS Lifebuoy Light SOLAS/MED-ATEX/IECEx

LALIZAS Lifebuoy Light use LED technology flashing light and is designed to withstand the toughest rigours of the commercial and offshore sectors. It is completely watertight with a compact structure and designed to be tamper proof, corrosion resistant and to deliver, as a minimum standard, an omnidirectional over 2cd output for at least 2 hours.

The LALIZAS Lifebuoy Light SOLAS/MED-ATEX/IECEx is specifically designed to be highly resistant to accidental damage onboard. Meeting full SOLAS and EC MED approvals, it is also approved to both ATEX and IECEx standards making it the only choice for hazardous installations such as offshore oil rigs, gas and oil tankers. (for use in hazardous zones 0,1 and 2)

Specifications

- SOLAS/MED approved
- Intrinsically safe, for use in all potentially explosive zones
- No maintenance or replacement batteries are required
- Compact size
- Advanced LED technology for low consumption and enhanced reliability
- ATEX & IECEx Intrinsically Safe Approvals
- Five year life time
- Supplied complete with bracket & 1m Lifebuoy Lanyard
- Mounting bracket With Easy fitting in all locations



LALIZAS Lifebuoy Light SOLAS/MED

LALIZAS Lifebuoy Light use LED technology flashing light and is designed to withstand the toughest rigours of the commercial and offshore sectors. It is completely watertight with a compact structure and designed to be tamper proof, corrosion resistant and to deliver, as a minimum standard, an omnidirectional over 2cd output for at least 2 hours.

Specifications:

- SOLAS/MED approved
- Five year life time
- No maintenance or replacement batteries are required
- Supplied complete with bracket & 1m Lifebuoy Lanyard
- Compact size
- Mounting bracket with easy fitting in all locations
- Advanced LED technology for low consumption and enhanced reliability

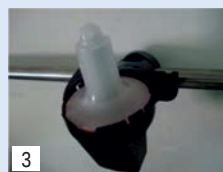
Code.....71325



The 71325 & 71326 holding base can be self mounted or combined with "Store All" support's



99824
Rail Support Base
for "Store-All"
Cases - Graphite



99826
Fixed Mount Support
Base for
"Store-All" Cases -
Graphite



new



STELLA Lifebuoy LED Light SOLAS

Floating lifebuoy light with high-visibility LED light
Very compact lifebuoy light, low power consumption.
LED-type flashlight, operates with one R20 alkaline battery. 360° arc of visibility.

Dimensions : 160 x 80 x 80 mm.

Weight : 90 g. (without battery).

- Light intensity: 2 cd
- Duration: Approx. 8 hours at 60 flash/minute
- Battery: 1 x R20 battery

Code.....196482



Clip Holder for STELLA Lifebuoy Light

Fits any tube or rail, horizontal or vertical Ø 20 to 30 mm. Screws not included.

Code.....45184



0474



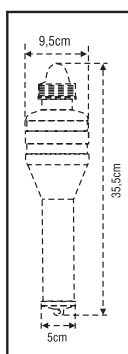
Lifebuoy Light M.O.B (LSA Code)

This lifebuoy light complies with the L.S.A code capable of burning continuously with a luminous intensity of not less than 2cd in all directions of the upper hemisphere for a period of at least 2h (at white colour). CE approved to SOLAS (L.S.A Code) by DNV-GL.

Code....70030



1463



Spare bulb for lifebuoy light



Blister Bulb
4,8V/0,75A, E10

Code....30650



Bulb 4,8V/0,75A, E10

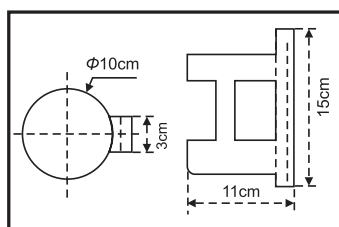
Code....00757

Lifebuoy Light Holder

High quality black polycarbonate lifebuoy light holder. Designed to hold the light vertically in the 'off' position and provide easy removal in emergencies.



Code....70000



Spring Clip

Code....50530



BEST VALUE

Rail Mount for lifebuoy light

Code..... 20581



Ocean Signal Personal Locator Beacon PLB1

Code.....72250



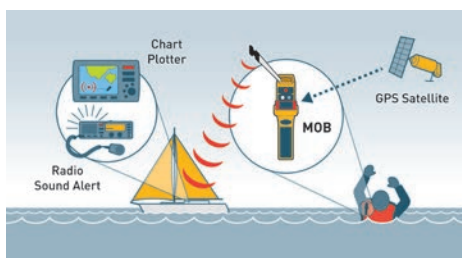
Ocean Signal Emergency Position Indicating Radio Beacon EPIRB1

Code.....72251



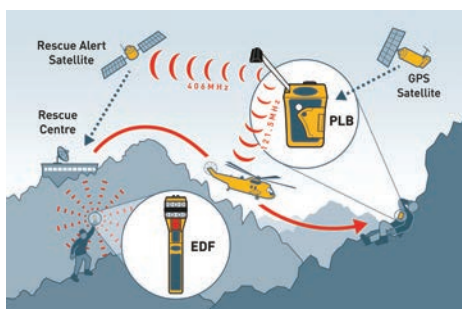
Ocean Signal Man Over Board Locator Beacon MOB1

Code.....72252



Ocean Signal Electronic Distress Flare EDF1

Code.....72253





Ocean Signal Search and Rescue Transponder S100

Code.....72256



Ocean Signal Emergency Pos Indicating Radio Beacon with GPS E100G

Code.....72255



Ocean Signal Emergency Position Indicating Radio Beacon E100

Code.....72254



Ocean Signal Auto Release Housing for E100/G EPIRB

Code.....72310



Ocean Signal GMDSS Handheld Radio V100

Code.....72257



Ocean Signal GMDSS Handheld Radio Kit V100-KIT

Code.....72258



Ocean Signal GMDSS Handheld Radio Kit with accessory socket V100A

Code.....72259



Ocean Signal AIS Alarm Box

Code.....72308



Ocean Signal Maritime Survivor Locating Device M100

Code.....72451



LALIZAS Liferaft SOLAS OCEANO, Throw Over-board Type

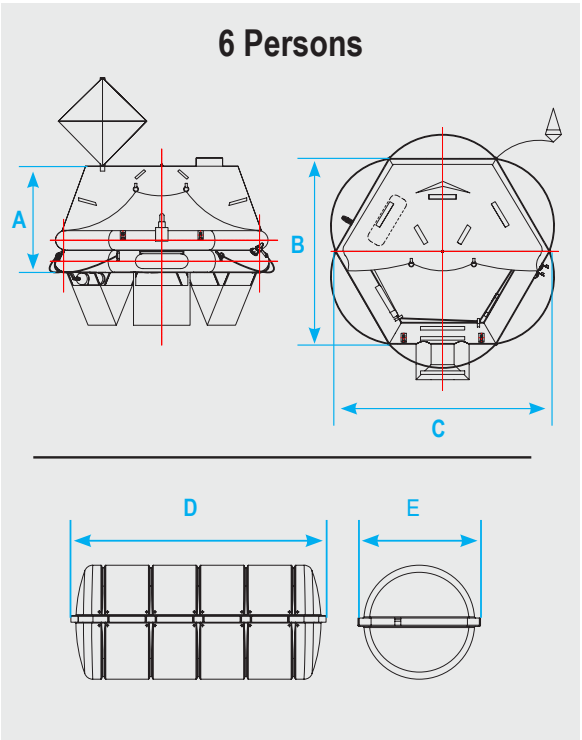
Lalizas Oceano Liferrafts, ideal for use on board commercial vessels engaged on international voyages.

- 6, 8, 10, 12, 15, 20, 25, 30 & 35 person
 - Pack A & Pack B
 - Throw overboard
-
- Deck Cradle included in the box
 - Stowage Height up to 36m (Painter line up to 46m)



0098

SOLAS/MED (Maritime Equipment Directive 96/98/EC as last amended). Certified as Items A.1/1.12 Inflatable Liferrafts and tested per the applicable Standards, as stated within the frameworks of the MED Directive, i.e. SOLAS 74 as amended, i.e. Reg.III/4, Reg.III/13, Reg.III/21, Reg.III/26, Reg.III/31, Reg.III/34 and X/3, LSA Code I and IV, IMO Res. MSC.81(70), MSC.207(81), MSC.218(82), MSC.226(82), MSC.295(87), MSC/Circ.811, 1994 and 2000 HSC Code 8.



Code	Persons	Pack	Dimensions (mm)					Cradle included Dimensions (mm)
			A	B	C	D	E	
79867	6	A	1200	2104	2104	1090	615	600 x 560
79903		B				1045	545	



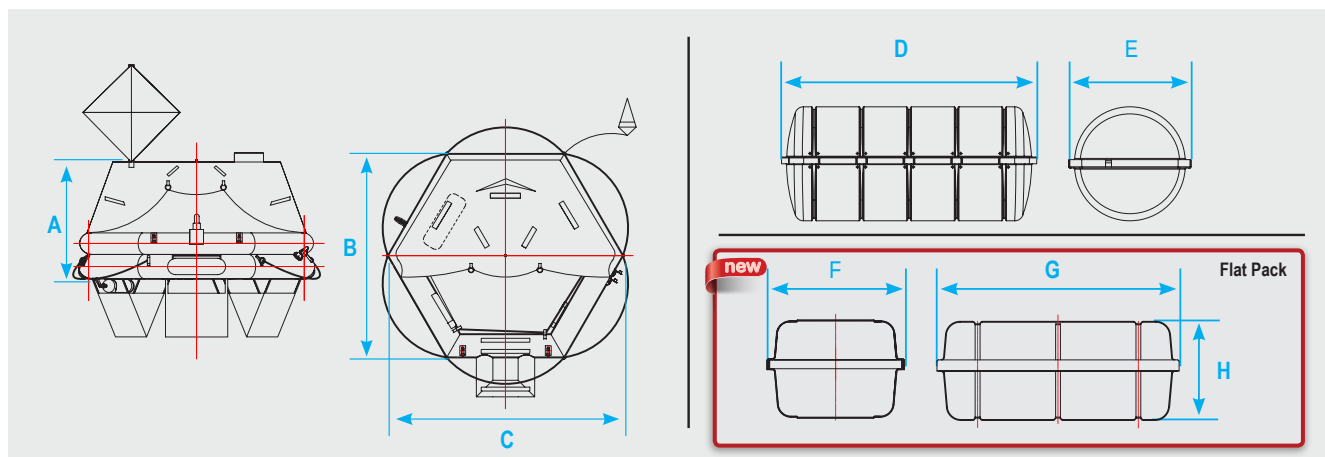
LALIZAS
CEANO



0098

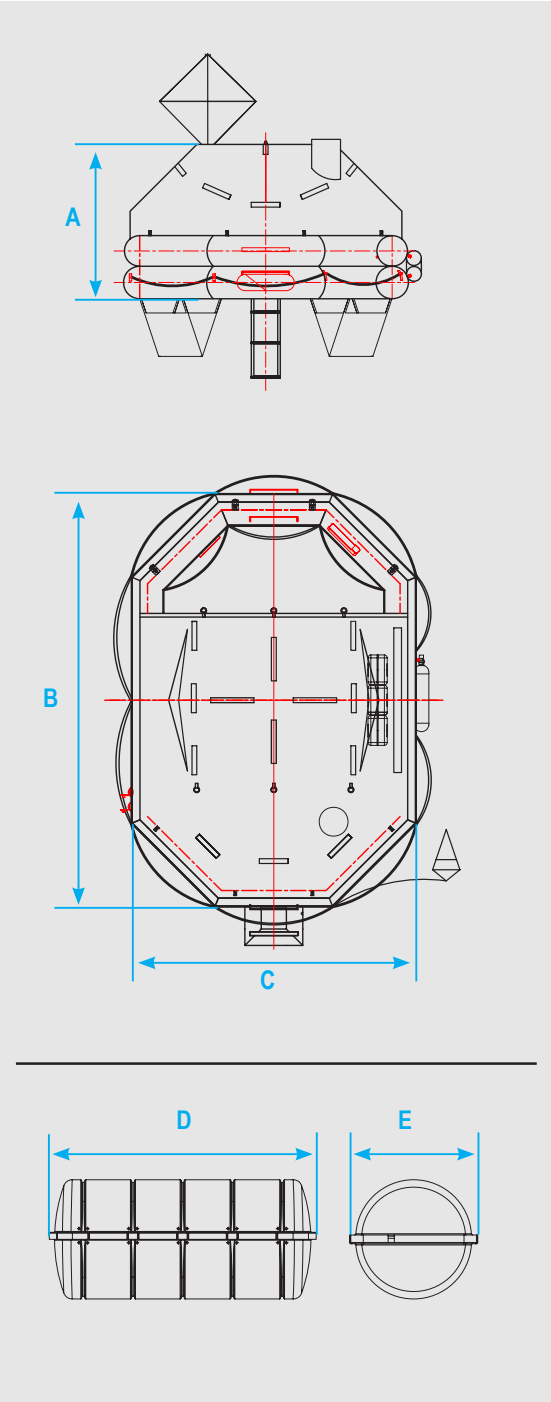


8, 10, 12 & 15 Persons



Code	Persons	Pack	Dimensions (mm)								Cradle included Dimensions (mm)
			A	B	C	D	E	F	G	H	
79868	8	A	1250	2390	2390	1090	615	-	-	-	600 x 560
79880		Flat - A				-	-	564	994	405	-
79904		B				1045	545				600 x 560
79869	10	A	1400	2694	2694	1230	630	-	-	-	
79905		B				1090	615	-	-	-	
79870	12	A	1500	2924	2924	1230	630	-	-	-	600 x 560
79882		Flat - A				-	-	664	1044	405	
79906		B				1090	615	-	-	-	
79871	15	A	1600	3238	3238	1285	670	-	-	-	600 x 660
79907		B				1230	630	-	-	-	600 x 560

20, 25, 30 & 35 Persons



0098

LALIZAS 
OCEANO 



Code	Persons	Pack	Dimensions (mm)					Cradle included Dimensions (mm)
			A	B	C	D	E	
79873	20	A	1600	4304	2974	1335	696	600 x 660
79909		B				1285	670	600 x 560
79874	25	A	1650	4894	3194	1490	757	1000 x 710
79910		B				1335	696	600 x 660
79875	30	A	1700	5384	3414	1700	765	1000 x 710
79911		B				1490	757	600 x 660
79876	35	A	1750	5899	3568	1700	765	1000 x 710
79912		B				1490	757	600 x 660



HAMMAR H20 Hydrostatic Release for Life Rafts (USCG&EC Approved SOLAS)

The Hammar H20 is a hydrostatic release unit designed to fit life rafts of all shapes and sizes (from 6 up to 150 persons). It is made of glass fibre reinforced nylon, which prevents it from corrosion. The Hammar H20 can be released at any angle and needs only the required water pressure to be activated (1,5 - 4,0m depth). It's safe, reliable and simple design has made it renowned and earned more worldwide approvals than any other unit.

- Simple to install and clearly marked with the expire date
- No spare parts or service required
- Must be replaced after two years

Code.....70290



Lashing with Hook (Big)

Code.....71892

new



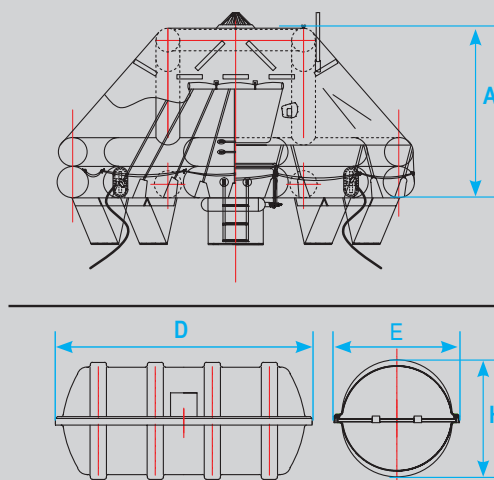
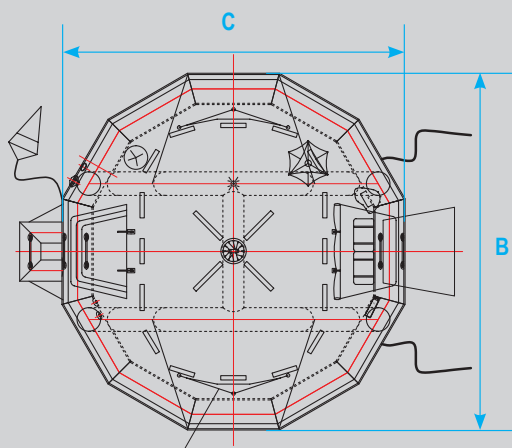
LALIZAS Liferaft SOLAS OCEANO, Davit-Launched

LALIZAS OCEANO Davit-Launched Liferafts can be used at all kinds of vessels, providing safe evacuation from the vessel's deck.

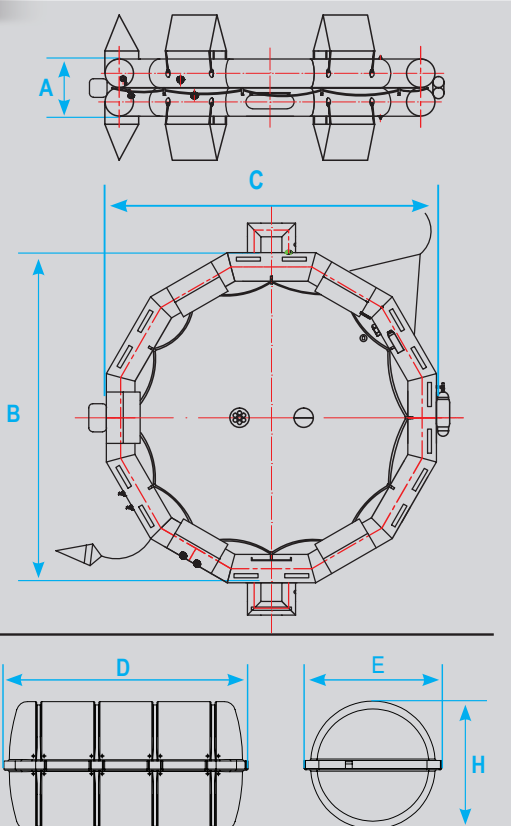
LALIZAS 
OCEANO



15, 20 & 25 Persons



Code	Persons	Pack	Dimensions (mm)						Cradle included Dimensions (mm)
			A	B	C	D	E	F	
79883	15	A	1550	3310	3220	1350	700	660	600 x 560
79887		B				1285	670	575	
79885	20	A	1850	3815	3715	1470	750	710	600 x 660
79888		B				1350	700	660	600 x 560
79886	25	A	2000	4225	4065	1680	770	710	600 x 660
79889		B				1470	750	710	

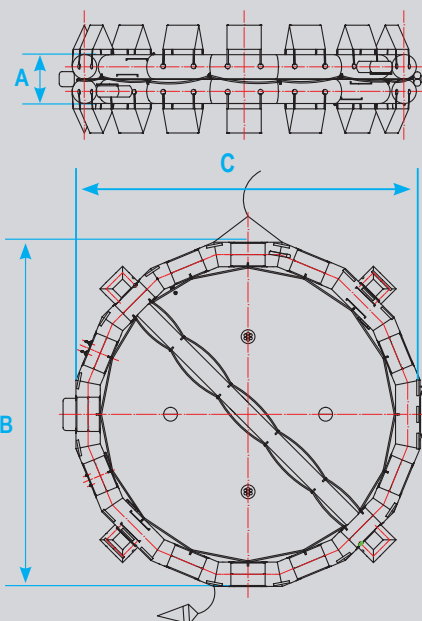
new
25 & 30 Persons

LALIZAS Liferaft OCEANO, Open Reversible Type

LALIZAS OCEANO Open Reversible Liferafts are ideal for passenger ships operating in inland or coastal waters.

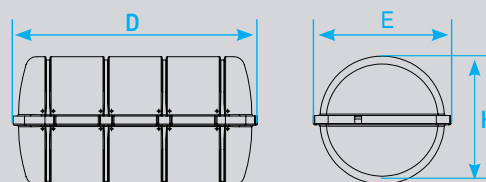

LALIZAS 
OCEANO


Code	Persons	Pack	Dimensions (mm)						Cradle included Dimensions (mm)
			A	B	C	D	E	H	
79898	25	HSC	712	4114	4114	1090	615	530	600 x 560
79899	30		746	4474	4474	1230	630	550	

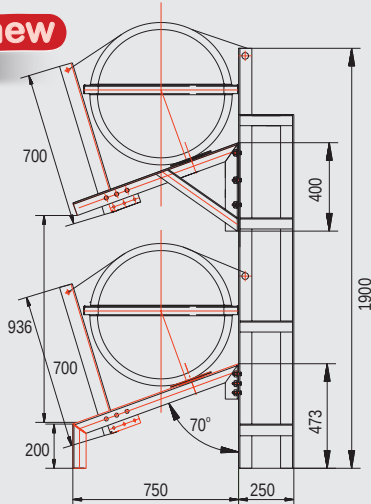
50 & 65 Persons

LALIZAS 
OCEANO


Code	Persons	Pack	Dimensions (mm)						Cradle included Dimensions (mm)
			A	B	C	D	E	H	
79900	50	HSC	854	5680	5680	1490	757	678	600 x 660
79901	65		914	6434	6434	1700	765	680	



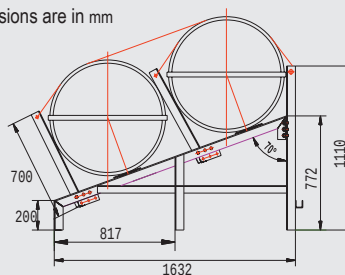
new



**Vertical Cradle for SOLAS OCEANO,
2-tier, 6-25(A), 6-35(B)**

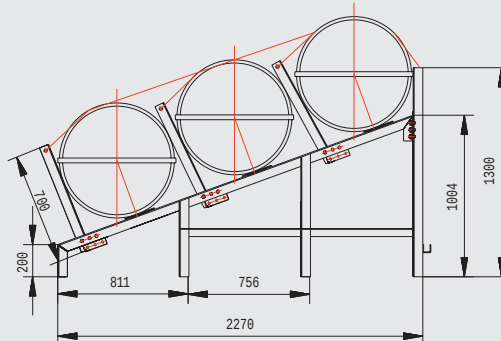
Code.....72119

Dimensions are in mm



**Cradle for SOLAS OCEANO,
2-tier, 30-35(A)**

Code.....72136



**Cradle for SOLAS OCEANO,
3-tier, 6-25(A), 6-35(B)**

Code.....72120

ISO Life rafts

new

THE BRAND NEW

LEISURE-RAFT

BY **LALIZAS**



LEISURE-RAFT

Standard Equipment

- 20 ft. (6m) Painterline
- Hand Pump
- Sea Anchor
- Raft Knife
- Pressure Relief Valve
- CO2 Inflation System
- Water-Activated Locator Light
- 2 Ballast Bags
- 1 case



Ideal for in-shore boating, the **LALIZAS LEISURE-RAFT** is ideal for those that don't need a full feature liferaft. Offering those travelling, the smallest, lightest and most inexpensive liferaft in the market.

The **LALIZAS LEISURE-RAFT** with its light weight allows for easy deployment, and the compact size makes storage easy in the smallest spaces.

Valise Liferaft

Code	72200	72202	72201	72203
Persons	4	6	4	6
Description	with canopy		without canopy	
L (mm)	2004	2443	2004	2443
W (mm)	2004	2443	2004	2443
H (mm)	1170	1200	255	308
L (mm)	410	500	410	500
W (mm)	330	350	320	340
H (mm)	150	190	140	180
Weight (kg)	9,10	12,50	8,20	11,50

Life rafts ISO-RAFT CE ISO 9650-1

Lalizas ISO liferafts are available in 4 to 12 person versions, are fitted with a single floor as standard and are designed to be extremely safe. The ISO RAFT combines, compact size and structural integrity with proven liferaft design. The LALIZAS ISO RAFT is automatically inflated by a 12-meter painter line and its inflation system provides enough gas to inflate all the buoyancy chambers. The main body of the liferaft consists of two buoyant chambers inflated through a non return valve ensuring the flotation of the liferaft.

Each chamber is capable of fully supporting the raft with its maximum number of occupants. The ISO RAFT is manufactured and tested according to ISO 9650-1 & ISO 9650-3 standards as last amended for Safety, and offers highly visible, stable, sheltered conditions for the occupants.

It can be packed either in a canister or in a waterproof valise. The LALIZAS ISO-RAFT Inflatable Liferaft Series is initially certified by Polish Register of Shipping-1463 and furthermore approved by the Maritime Authority of the Country of Destination in case it is needed.

12 YEARS GUARANTEE

LALIZAS ISO-RAFTS carry our fully transferable 12 year fabric and seam guarantee. This is your assurance of our commitment to quality and complete customer satisfaction. This guarantee applies under certain conditions to all ISO life rafts, provided they are inspected by an authorized Lalizas service station. The first inspection of the liferaft should be 2 years after installation or 3 years within manufacturing date.

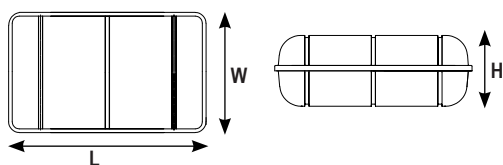




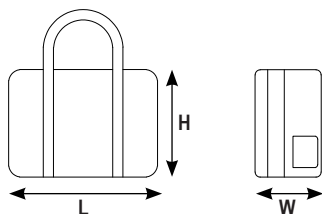
Canister



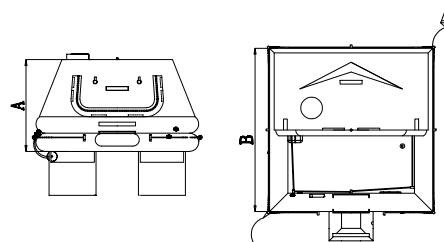
Valise



Code	78800	78810	78820	78830	78840
Persons	4	6	8	10	12
Container	Canister				
Total Weight (kg)	38	42	50	56	62
L (mm)	760	760	770	820	920
W (mm)	480	480	550	570	570
H (mm)	330	330	345	355	340



Code	78850	78860	78870	78880
Persons	4	6	8	10
Container	Valise			
Total Weight (kg)	32	36	38	45
L (mm)	680	710	710	800
W (mm)	400	420	420	470
H (mm)	250	280	280	300



Model	Diamensios (mm)	
	A	B
ISO-RAFT 4	1170	1634
ISO-RAFT 6	1200	1956
ISO-RAFT 8	1250	2224
ISO-RAFT 10	1300	2458
ISO-RAFT 12	1350	2667

Features & Specifications

1. Thermally insulated floor
2. International orange, self erecting canopy with retro-reflective tapes
3. Twin independent buoyancy tubes containing safety valves
4. Rain water collection gutter
5. Ventilation and observation port
6. Fully closeable entrance flap wit zip tape. The 10 to 12 person versions also include an additional entrance.
7. External, internal lifelines and righting device suitable for handling even by one person
8. Comprehensive international service centers
9. Operating temperature -15° C to + 65° C
10. Stowage max height: 6m above sea level

Standard Equipment

1. Portable buoyant bailer (1pc)
2. Sponge (2pcs)
3. Pair of buoyant paddles (1pc)
4. Whistle (1pc)
5. Waterproof torch /separate battery /bulb (1pc)
6. Signalling mirror (1pc)
7. Anti-seasickness pills/per person (6pcs)
8. Seasickness bag/per person (1pc)
9. Red hand flare (in accordance with SOLAS LSA Code Chapter III, 3.2) (3pcs)
10. Red parachute flares (in accordance with SOLAS LSA Code Chapter III, 3.1) (2pcs)
11. Repair kit (1pc)
12. Bellow (1pc)
13. Operational Manual (1pc)
14. Table of the life-saving signals (1pc)
15. Log Book + Immediate actions Card (1pc)
16. Mooring Ring with 30m rope (1pc)
17. Safety knife connected to the liferaft, buoyant, fixed blade, rounded tips (1pc)
18. Floating anchor with 30m rope (1pc)

new

LALIZAS Liferaft ISO-RAFT RACING

The life raft ISO RAFT RACING has a compact size, it is lightweight and very easy to store. Due to the lightweight material is ideal for boats and Yachts that looking to save space and weight. Available in sizes for 4-12 people, packed either in a canister or in a waterproof suitcase. The LALIZAS ISO RAFT RACING is automatically inflated by a 12-metre painter line and its inflation system, provides enough gas to inflate all the buoyancy chambers. Each chamber is capable of fully supporting the raft with its maximum number of occupants. The ISO RAFT RACING is manufactured and tested according to ISO 9650-1 & ISO 9650-3 standards as last amended for Safety and offers highly visible, stable sheltered conditions for the occupants.



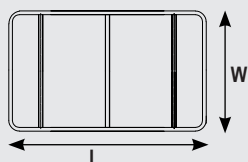
LALIZAS
ISO-RAFT
RACING



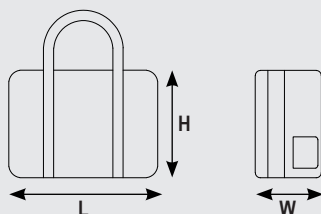
Canister



Valise

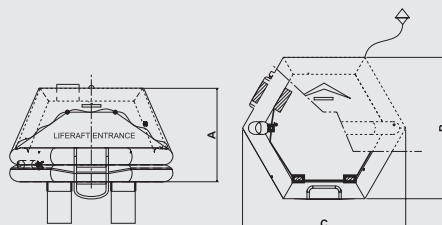


Code	72371	72372	72373	72374	72375
Persons	4	6	8	10	12
Container	Κάνιστρο				
Total Weight (kg)	26	32	36	37,5	43
L (mm)	670	670	670	810	810
W (mm)	465	465	465	505	505
H (mm)	235	235	255	275	275



Code	72376	72377	72378	72379
Persons	4	6	8	10
Container	Βαλίτσα			
Total Weight (kg)	23,5	29,5	34	35
L (mm)	580	580	640	680
W (mm)	230	250	300	340
H (mm)	355	355	390	420

Meet the requirements for:
CE ISO 9650-1 & ISO 9650-3



Model	Dimensions (mm)		
	A	B	C
ISO-RAFT Racing 4	1170	1770	2044
ISO-RAFT Racing 6	1200	2090	2413
ISO-RAFT Racing 8	1250	2385	2748
ISO-RAFT Racing 10	1300	2615	3020
ISO-RAFT Racing 12	1350	2850	3291

Features & Specifications

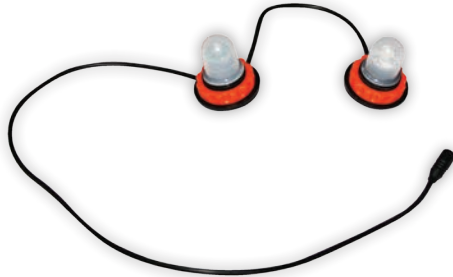
1. Thermally insulated floor
2. International orange, self erecting canopy with retro-reflective tapes
3. Twin independent buoyancy tubes containing safety valves
4. Rain water collection gutter
5. Ventilation and observation port
6. Fully closeable entrance flap. The 10 to 12 person versions also include an additional entrance.
7. External, internal lifelines and righting device suitable for handling even by one person
8. Comprehensive international service centers
9. Operating temperature -15° C to +65° C
10. Stowage max height: 6m above sea level

Standard Equipment

1. Portable buoyant bailer (1pc)
2. Sponge (2pcs)
3. Pair of buoyant paddles (1pc)
4. Whistle (1pc)
5. Waterproof torch /bulb (2pc)
6. Signalling mirror (1pc)
7. Anti-seasickness pills/per person (6pcs)
8. Seasickness bag/per person (1pc)
9. Red hand flare (in accordance with SOLAS LSA Code Chapter III, 3.2) (3pcs)
10. Red parachute flares (in accordance with SOLAS LSA Code Chapter III, 3.1) (2pcs)
11. Repair kit (1pc)
12. Bellow (1pc)
13. Operational Manual (1pc)
14. Table of the life-saving signals (1pc)
15. Log Book + Immediate actions Card (1pc)
16. Mooring Ring with 30m rope (1pc)
17. Safety knife connected to the liferaft, buoyant, fixed blade, rounded tips (1pc)
18. Floating anchor with 30m rope (1pc)

Internal & External Liferaft Lights

The set of internal and external liferaft lights consists of a flashing external light and a steady internal light. The external light provides luminous intensity greater than 4.3cd for at least 12 hours, while the internal light provides luminous intensity not less than 0,5cd for someone to read for at least 12 hours. These liferaft lights can be activated either automatically, when the liferaft is deployed or manually by using the battery's (code 50003) ON/OFF button. The product should be kept in a dark, clean and dry area and stored without being compressed.



Code....50002

**BEST
VALUE**


0098



Lithium Battery for Liferaft Lights, (3V x 2pcs), 6V

- Consists of 2 Lithium batteries
- Battery type: AAA:D
- 5 years battery expiration from the date of production
- PVC Insulated cables
- Waterproof since it is sealed with epoxy resin
- Pull off activativy plastic pin

Code....50003

**BEST
VALUE**


0098


**BEST
VALUE**

Liferaft LED flashlight

Code....71217

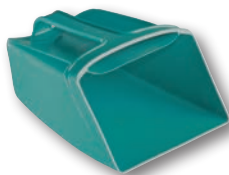
AA Alkaline 1,5V x 2pcs
(batteries not included)


Code.....20693

Mooring Ring with 30m rope

Designed for the retrieval of MOB, the ring is moulded in PVC, weighing only 250gr and is tied to a 30m floating rope.

Dimensions:
Ext.Diam. 17,5cm
Int.Diam.10,5cm



Floating, flexible bailer length 190mm x width 135mm

Code....16207



Adjustable stainless steel Liferaft support base

min 810x415x225mm
max 930x415x225mm

Code....70620


**BEST
VALUE**

Overpressure valve for life rafts

Code....56390


**BEST
VALUE**

Valve for Flexible Water Tanks

Code..... 02022



Liferaft support base

Code....44838

First aid Kit - non SOLAS



Code....56880

- Anti-Angina Preparations
- Anti-Emetics
- Analgesics – Antipyretics
- Analgesics – Anti-Inflammatory Preparation
- Antiseptic Hydro Peroxide
- Burn Preparation
- Cannula for mouth to mouth Resuscitation
- Adhesive elastic bandage
- Sterile Gauze Compresses
- Cotton
- Adhesive Dressings
- Sterile Pressure Bandages
- Adhesive Sutures
- Adhesive Tape
- Sterile Gauze with water & vegetable oils for burns
- Scissors

First Aid Kit SOLAS 74, For Life Boats - Life Rafts

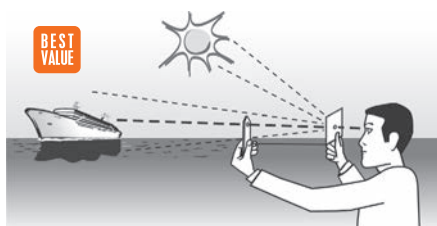
Certified by the Ministry of Merchant Marine/Merchant Ships Directorate according to (a) the International Convention on the Safety of Life at Sea 1974 (SOLAS 74) and the 1983 amendments, (b) the Royal Decree 36/1967 and (c) the Presidential Decree 277/1997.

Contents

Anti-Angina Preparations, Anti-Hemorrhagics Including Uterotonics, Anti-Acid Mucous Dressings, Anti-Emetics, Anti-Diarhoeals, Analgesic-Antipyretics, Analgesic-Anti-Inflammatory Preparation, Antiseptic Mercurochrom, Antiseptic Eau Oxygenee, Burn Preparation, Cannula for Mouth to Mouth Resuscitation, Adhesive Elastic Bandage, Sterile Gauze Compresses, Cotton Wool, Disposable Polyethylene Gloves, Adhesive Dressings, Sterile Compression Bandages, Adhesive Sutures, Sterile Gauze with Fatty Water and Vegetable Oils for Burns, Adhesive Tape, Scissors, Thermometer, Disposable Syringes 2.5ml - 5ml



Code.....71245



BEST
VALUE

Signalling Mirror 7x7cm

Code.....56570



Instructions of use

1. Hold foresight in left hand with arm fully extended
2. Hold the signalling mirror in right hand toward the sunlight, facing the back of the mirror
3. Align the holes of the foresight and the mirror on the target
4. Move mirror until the reflection of the sun from the mirror can be seen on the foresight and a shadow point appears in its hole
5. The ray is now directed at the target



BEST
VALUE

Code.....70975

Thermal Blanket, Advanced, 2,1 x 1,6m

APPLICATION: The thermal blanket helps you keep the body's temperature by protecting you from the sun rays and the very low temperatures. It is suitable to use in cases of accident, but also for protection against wind, rain or heat.

INSTRUCTIONS: When you need to avoid hypothermia, use the thermal blanket with the golden side facing upwards. In case you need protection from the heat, use the thermal blanket with the silver side facing upwards.



BEST
VALUE

Code.....70976

Thermal Blanket, 2,1 x 1,6m

- First Aid Application
- In case of severe cold or shock wrap the blanket around the body
- Keeps the body's temperature under very low or very high temperatures
- Prevents post – accident shock
- Waterproof
- Its reflective surface provides high visibility
- Dimensions: 2,1 x 1,16m



Code.....71687

HAMMAR H20 Hydrostatic Release for EPIRB (MCA&USCG Approved SOLAS)

The Hammar H20 is a hydrostatic release unit used for Emergency Position Indicating Radio Beacons (EPIRB). Should the vessel sink, the Hammar H20, which is activated by increasing water pressure, will automatically release the EPIRB. Instead of rope sling, a specially developed plastic bolt secures the radio beacon and will be cut when the unit is activated. It is made of glass fibre reinforced nylon, which prevents it from corrosion.

- No annual service, maintenance or spare parts.
- Must be replaced after two years

Hammar nut HE-0045 for H20 Hydrostatic Release for EPIRB

Code.....71752



Hammar bolt HE-0021 for H20 Hydrostatic Release for EPIRB

Code.....71751





Code.....70321
 Volume.....14300cm³
 Weight.....6150gr
 Height.....22cm
 Width.....13cm
 Length.....50cm



- Shock proof - antiblast pressure gauge
- Coloured so as to have easy readings for duration - over pressure - internal pressure of the cylinder



- Hood with orinasal mask
- Flame retardant materials
- Ozone resistant - non irritant neck seal.
- Wide visor
- Orinasals mask fits all face profiles
- Non irritant
- Antimisting design for the visor.



- Automatic activating valve - regulator
- Valve features G 5/8" F standard charging connector
- Pull valve safety lock



Accessories



Wall Bracket for
EEBD
Code.....01623



Plastic Cover for
EEBD
Code.....01622

LALIZAS SOLAS/MED Self Contained Breathing Apparatus

The LALIZAS SOLAS/MED Self Contained Breathing Apparatus is a high-performance industrial breathing apparatus, designed to offer maximum respiratory protection to the user during entrance or escape from a hazardous environment. This SOLAS/MED -approved SCBA offers reliability and comfort and its key features are:

- open circuit on demand positive pressure Self Contained Breathing Apparatus
- anatomic carbon fibers composite material back frame with harness for perfect and easy donning
- both back frame and harness are flame retardant, waterproof and antistatic
- with warning whistle providing a continuous sound of high intensity (>90Db) warning the user that the air is dropping down.
- packed in heavy duty plastic carrying suitcase

- The SCBA contains the following parts:
- Breathing apparatus carrier with harness
 - Pressure regulator with gauge & whistle
 - Pressure & air flow regulator
 - Breathing apparatus facemask
 - Compressed air cylinder
 - Compressed air cylinder valve, 300bar



Code	Cylinder Volume (L)	Cylinder Material	Working Pressure (Bar)	Warning Pressure (Bar)	Weight (kg)	Packing Dimensions (cm)	Approval
71327	6	Steel	300	40-60	≤15	270x490x755	SOLAS/MED
71328	9	Carbon Composite	300	40-60	≤12	280x445x735	SOLAS/MED



Spare compressed air
cylinder 6lt & Valve 300bar
assembly with air
Code.....02302



Spare compressed air
cylinder 9lt & Valve 300bar
assembly with air
Code.....02303



Fire Extinguishers

Fire Extinguishers are essential on board for your safety and the safety of your crew. There are many types available in the market, based on the material used such as dry powder, foam, CO₂. Each one has different capabilities, thereby specializing in specific types of fire. The most common fire extinguishers on board a boat, but also for the car or home, are the ones containing Dry Powder, since they can be used against solid, liquid and gas fueled fires. Lalizas offers you EN3 approved fire extinguishers with Dry Powder, pressurized in highly resistant bottles. They are available in 4 sizes.

Fire Blanket

The fire blankets are essential in high-risk areas, such as the kitchen. The model offered is 100x100cm wide and is supplied in a rigid case, with instructions printed on top.

Code		70443	70444	70445	70446
Dimensions (mm)		90 x 232	110 x 308	130 x 369	150 x 470
Weight (kg)		2	3	5	9
Powder Weight (kg)		1	2	3	6
Container		Stahl 12			
Material		Dry Powder ABC 40			
Propel. Gas		N2			
Dry Powder Quantity	1kg	●			
	2kg		●		
	3kg			●	
	6kg				●
Rating	A (Solid)	5	8	13	21
	B (Liquid)	21	34	55	113
	C (Gas)	●	●	●	●
	E (Electric)	●	●	●	●
Temperature Range		-20°C / +60°C			
Accessories	Manometre	●	●	●	●
	Safety Pin	●	●	●	●
	Base	●	●	●	●
Approvals				EN3 0437 SOLAS 0437/04	

Fire Blanket in a case PVC

Code	Dimension (cm)
70448	100x100
71298	120x180



1kg Dry Powder ABC 40 - Iron Bottle (5A 21B-C) with base

Code..... 70443



Base

2kg Dry Powder ABC 40 - Iron Bottle (8A 34B-C) with base

Code..... 70444



3kg Dry Powder ABC 40 - Iron Bottle (13A 55B-C) with base

Code..... 70445



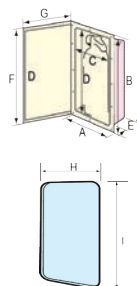
6kg Dry Powder ABC 40 - Iron Bottle (21A 113B-C)

Code..... 70446



Storage Cases for Fire Extinguisher

Allows safe and protected storage of a fire extinguisher in the cockpit or dashboard. UV-resistant white ASA.



Code	Extinguisher Capacity	Door	Colour
196461	1kg	Yes	White
196666		Transparent	
50006		No	
196465	2kg	Yes	
196675		Transparent	
50010		No	

Extinguisher	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
1 kg	174	424	120	370	105	434	196	124	374
2 kg	204	474	150	415	120	484	226	154	424



LALIZAS



LALIZAS Fire Hose CE

- EPDM Lining (synthetic rubber lining)
- Circular woven 100% polyester high tenacity yarn fabric
- Working Pressure: 15 bar

Code	Inner Diam (inch/mm)	Coupling	Length (m)
71698	1,5" / 38	Storz 38 brass	15
71700	1,5" / 38	Storz 38 aluminium	15
71699	1,5" / 38	Storz 38 brass	20
71702	2" / 52	Storz C aluminium	15
71705	2" / 52	Storz C brass	15
71703	2" / 52	Storz C aluminium	20
71706	2" / 52	Storz C brass	20
71704	2" / 52	Storz C aluminium	25
71707	2" / 52	Storz C brass	25
71708	2,5" / 64	Storz 65 aluminium	15
71711	2,5" / 64	Storz 65 brass	15
71709	2,5" / 64	Storz 65 aluminium	20
71712	2,5" / 64	Storz 65 brass	20
71710	2,5" / 64	Storz 65 aluminium	25
71713	2,5" / 64	Storz 65 brass	25
71714	1,5" / 38	Without	60
71715	2" / 52	Without	60
71716	2,5" / 64	Without	60



Fireman Axe with Long Wooden Handle 2,8kg

- This long fireman's axe is the ideal tool for demolition work.
- High carbon steel blade
 - Overall length: 90cm
 - Pick spike for piercing and prying
 - Rubber protective blade cover
 - 12cm cutting edge
 - Weight: 2.8kg
 - Wooden ash handle
- Code.....71685



Fireman Axe with Short Anti Slip Handle 1,2kg

This short fireman's axe provides heavy duty chopping power to gain access to locked doors and hollow walls during an emergency.

- High carbon steel blade
- 9cm cutting edge
- Overall length: 34cm
- Weight: 1.2kg
- Pick spike for piercing and prying
- Anti slip handle
- Rubber protective blade cover

Code.....71686



IMO Signs

LALIZAS



An important and necessary part of safety equipment onboard a boat, especially commercial vessels, is signage. Lalizas International Standard Signs can be used for indicating exits, directions, firefighting and life-saving equipment for the purpose of safe evacuation during emergencies and power failures. Lalizas produces in-house all International Standard Signs for indicating all of the above with the addition of custom-made signs using the highest quality material, which meet all of the present IMO specifications, in order to meet specific requirements. Please note only coded items are available in the UK.

Categories

- 1 IMO Symbols with text
- 2 IMO Symbols without text
- 3 Safety Signs
- 4 Direction Signs
- 5 Low Location Lighting Components
- 6 Transparent Signs
- 7 Fire Control Symbols to resolution A654
- 8 Fire Control Symbols to ISO17631
- 9 LSA Signs
- 10 Fire Signs
- 11 Mandatory Signs
- 12 Hazard Signs
- 13 Prohibition Signs
- 14 Combination Signs
- 15 Space Identification Signs
- 16 ISPS Code Signs
- 17 Galley Signs
- 18 Miscellaneous Signs
- 19 Accommodation Signs
- 20 Tie Tags
- 21 Signs for Passenger Vessels and Terminal Building
- 22 Hazard Diamonds
- 23 Posters
- 24 Pipe Identification Tape
- 25 Special Products

GET LALIZAS IMO SIGNS
Supplied Within **24 HOURS** in

GREECE
SPAIN
SINGAPORE
SOUTH AFRICA

3M

Manufactured with
the superior quality of 3M™

Material

- Photoluminescent, self adhesive vinyl
- Photoluminescent, rigid PVC
- White, self adhesive vinyl
- White, rigid PVC
- White, self adhesive paper or laminated paper
- Transparent vinyl
- Transparent, rigid plastic
- Coloured vinyl or coloured polyethylene

www.lalizasimosigns.com

SELECTION ITEMS

Navigation

Binoculars	306
Monoculars	306
Compasses	306-310
Hand Bearing Compasses	310
Plotting Tools	310

new



Night Vision Monocular 5x40
Page 306

new

**SEA
NAV**

**Binoculars Waterproof
with Compass,
Sea Nav WECR 7x50**
Page 306



new



**Binoculars Auto Sea Nav
SAF 7x50**
Page 306

new

**Compass with LED
Light, 102x94x137mm**
Page 306



Binoculars

new

Binoculars Waterproof with Compass, Sea Nav WECR 7x50

Floating Waterproof & Fog proof, Minimum internal light glare. High resolution crisp images, Porro BAK-4 prisms, Dry Nitrogen in the body, Individual Eye focus, Features compass & rangefinder reticule, Built in rangefinder reticule scale, Impact Resistant, Easy to use

Technical Specifications

Magnification: 7X
Lens Diameter: 50mm
Angle of Vision: 7.5°
Exit Pupil: 6,8mm
Eye Relief: 23mm
Focus: Individual
Waterproof: Yes
Fog proof: Yes
Floating: Yes
Prism Type: Porro BAK-4
Field of View: 132@1000m
Rangefinder: Yes
Lens Coating: Fully coated
Compass: Yes
Weight: 890gr
Dimensions: 20x8x15cm



Range finding
reticule scale



Code..... 31367

Binoculars Auto Sea Nav SAF 7x50

Brighter Images, Porro K9 prisms, Ruby Red filtering coating, Autofocus, Easy to use, Shock Resistant



Code..... 31317

Technical Specifications

Magnification: 7X
Lens Diameter: 50mm
Angle of Vision: 6.2°
Exit Pupil: 7,1mm
Eye Relief: 10mm
Focus: Auto-focus
Prism Type: Porro K9
Field of View: 133@1000m
Lens Coating: Fully coated
Housing: Rubber
Weight: 750gr
Dimensions: 6,5x19x20cm

Monoculars

new



Code..... 72149

Technical Specifications

Magnification: 5X
Lens Diameter: 40mm
Field of View: 5o x 3.75o
Ocular adjustment range: +/- 0.6
Observing distance:
2m (Low light environment)
200m-∞ (Dark environment)
Voltage: 3.7V DC
Battery: RCR123A rechargeable
Charger: 5.0V/2A Adaptor
Dimensions: 200 x 86 x 56mm
Weight: 400g



Night Vision Monocular 5x40

The Night Vision Monocular can be used for observation in complete darkness or low light conditions. The viewing distance in low light conditions is infinity. Complete darkness restricts the viewing distance to a maximum of 200 metres. Quick and easy transfer of data via USB lead, view images and video on a monitor with video OUT and recharge the battery using the DC IN socket.

The monocular can be used to take photos or capture video during the day or at night. The Night Vision monocular is the perfect optical device to enhance your vision at night. A built-in infrared illuminator provides additional light when in darker conditions. The infrared strength can be adjusted to suit your situation. Up to 1.5 hour runtime without the use of infrared illuminator. Up to 1 hour with IR illuminator on.

Compasses

new

Compass with LED Light, 102x94x137mm



Code	72111	72112
Color	Black	White

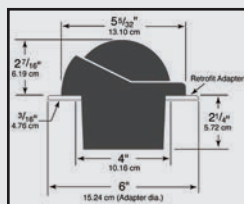
Sea Marine Compass

Illuminated pivoting compass
Wired for 12 Volt red illumination
Visible Lubber Line
With Adjustable Mounting Bracket
Adjustable Sun Visor
Individually balanced dials for Precision
Fast Response and precision Engineering
Corrosion Resistant
Waterproof, durable and long lasting
Built in Accuracy compensators
Windshield or Dash Mount
Easy to read precision dial
With Mounting screw slot
Suitable for Watercraft, Boat, Caravan and Truck

To adjust

Locate the slotted compensator.
Adjust knobs at the middle and side of the base
When received, the factory preset knobs should be in neutral (horizontal) position
To exert maximum effect on compensators, turn knob 90° to positive (vertical) position

new



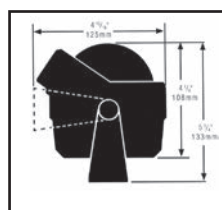
Compass Supersport 3 3/4"

Developed for and tested on offshore race boats the SuperSport Series compasses feature the PowerDamp® Plus dial. This dial technology features the PowerDamp® dial skirt to prevent oscillation, larger DirectiveForce™ magnets for quick lock on and extra-large steel pivots and jewels for smooth fast action.

Specifications

Boat Style	Offshore race boat
Dial Size/Design	3 3/4" (9.4cm)/Blue PowerDamp Plus Flat-Card
Night Lighting	12V Green
Compensators	Built-in
Mounting Hole	4" (10.2cm) - 5" (12.8cm) with adaptor ring
Warranty	5-Year
Approx. Shipping Wt.	2lb. (907g)

Code	72269
Colour	White



Compass Voyager B-81, with bracket mount

Specifications

Boat Style/Size	Power
Dial Size/Design	3" (7.6cm)/Flat-Card or CombiDial
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	1lb. 8oz. (680g)



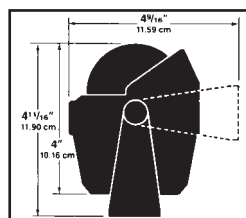
The Wheelmark Symbol denotes conformance with Standard ISO 10316(E) and ISO 613:2000(E).

Code	71156
Colour	Black

Compasses Explorer B-51

Ritchie accuracy and mounting versatility are the perfect combination with Explorer Bracket Mount Compasses.

Code	31240	31241	31242
Description	Explorer B-51	Explorer B-51W	Explorer B-51G
Colour	Black	White	Grey



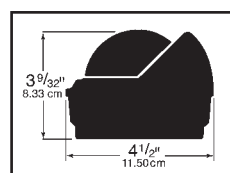
Specifications:

Boat Style/Size	Power/Up to 24 Feet (7.32m)
Dial Size/Design	2 3/4" (6.99cm)/Direct Read
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	1 lb. (454g)

Compasses Voyager S-87

Here's the low-profile look and the stability or permanent mounting.

Code	31260	31261
Description	Voyager S-87	Voyager S-87W
Colour	Black	White



Specifications

Boat Style/Size	Power/Up to 28 Feet (8.54m)
Dial Size/Design	3" (7.62cm)/Flat Card or Direct Read
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	1 lb. 3 oz. (539g)

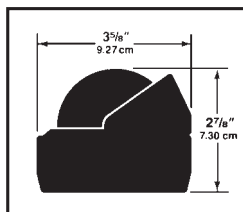


The Wheelmark Symbol denotes conformance with Standard ISO 10316(E) and ISO 613:2000(E).

Compasses Explorer S-53

The Explorer Surface Mount compasses combine size and accuracy with a push button system for easy-on mounting, easy-off storage and security.

Code	31250	31251	31252
Description	Explorer S-53	Explorer S-53W	Explorer S-53G
Colour	Black	White	Grey



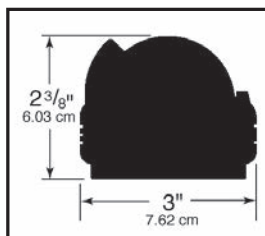
Specifications:

Boat Style/Size	Power/Up to 24 Feet (7.32m)
Dial Size/Design	2 3/4" (6.99cm)/Direct Read
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	1 lb. (454g)

Compasses Trek-33

The surface mounted Trek is perfect for permanent mounting on small decks, dashes or consoles.

Code	31220	31221	31222
Description	Trek - 33	Trek - 33W	Trek - 33G
Colour	Black	White	Grey



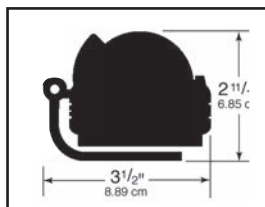
Specifications

Boat Style/Size	Power/Up to 20 Feet (6.10m)
Dial Size/Design	2 1/4" (5.72cm)/Direct Read
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	9 oz. (256g)

Compasses Trek-31

Versatile bracket mounting and three colour selections make these Treks the ideal choice for your boat and sporting vehicles.

Code	31210	31211	31212
Description	Trek - 31	Trek - 31W	Trek - 31G
Colour	Black	White	Grey



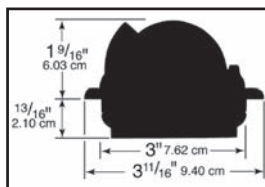
Specifications

Boat Style/Size	Power/Up to 20 Feet (6.10m)
Dial Size/Design	2 1/4" (5.72cm)/Direct Read
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	9 oz. (256g)

Compasses Trek-35

The smallest of the flush mounts is big on performance.

Code	31230	31231	31232
Description	Trek - 35	Trek - 35W	Trek - 35G
Colour	Black	White	Grey



Specifications

Boat Style/Size	Power/Up to 20 Feet (6.10m)
Dial Size/Design	2 1/4" (5.72cm)/Direct Read
Night Lighting	12V Green
Compensators	Built-in
Mounting Hole	3" (7.62cm)/Direct Read
Warranty	5-Year
Approx. Shipping Wt.	9 oz. (256g)

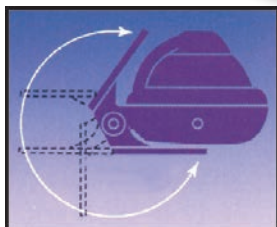
The fully adjustable and reversible Bracket allows a mounting range of over 300° from over head, through angled and vertical mounts to horizontal surfaces. These mounting position options and your choice of mounting hardware permits mounting from windshield or supporting frame structures, to slanted dash boards and consoles to almost any flat, angled or vertical surface.



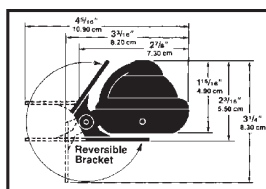
Compasses Sport X-10-M

Mount it on your deck. Mount it on your windshield. Mount it on your dash. Here's a compass that's just the right size for small boats or sport vehicles.

Code	31200	31201	31202
Description	Sport X-10-M	Sport X-10B-M	Sport X-10W-M
Colour	Grey	Black	White



The fully adjustable and reversible Bracket allows a mounting range of over 300° from over head, through angled and vertical mounts to horizontal surfaces. These mounting position options and your choice of mounting hardware permits mounting from windshield or supporting frame structures, to slanted dash boards and consoles to almost any flat, angled or vertical surface.



Specifications

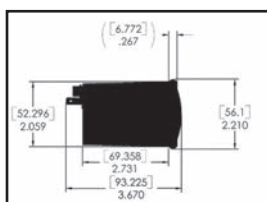
Boat Style/Size	Power/Up to 16 Feet (4.88m)
Dial Size/Design	2" (5.08cm)/Direct Read
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	5 oz. (142g)



Compass Sport X-21 Bulkhead Mount

It is the ideal compass for a refined and discreet look of the boat's bulkhead. Its high quality construction enables it to operate even if the boat has a 30° angle of heel.

Code	31359	31360	31361
Description	Sport X-21	Sport X-21	Sport X-21
Card Colour	White	Black	Blue
Cover Colour	White	Black	Black



Specifications

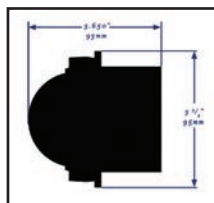
Boat Style / Size	Power / Up to 16 Feet (4.88m)
Dial Size / Design	2" (5.08cm) / Direct Read
Night Lighting	12V Green
Viewing	Adjustable to 30°
Mounting Hole	2 1/16" (5.50cm)
Warranty	5-Year
Approx. Shipping Wt.	5oz. (142gr)



Compass Explorer V-537 Bulkhead Mount

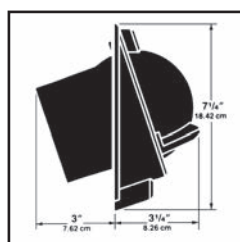
Just another small wonder for your sailboat. Designed and constructed especially for sailboats up to 7m.

Code	31362	31363	31364
Description	V-537W	V-537	V-537B
Colour	White	Black	Blue



Specifications

Boat Style / Size	Sail / Up to 24 Feet (7.32m)
Dial Size / Design	2 3/4" (6.99cm) / Direct Read
Night Lighting	12V
Compensators	Built-in
Mounting Hole	3" (7.62cm)
Warranty	5-Year
Approx. Shipping Wt.	1lb. (454gr)



Compass Navigator BN-202 Bulkhead Mount

For those adventurous sailors, who seek perfection in every item and device on their boat, the Navigator BN-202 is ideal. Rugged construction, dynamic design, built-in clinometer and easy to read card are just a few of the features that this compass is equipped with.

Code	31366
Card Colour	Red
Cover Colour	Black

Specifications

Boat Style / Size	Sail / 28 to 45 Feet (9.15m to 13.73m)
Dial Size / Design	4 1/2" (11.43cm) / CombiDial
Night Lighting	12V Green
Compensators	Built-in
Mounting Hole	5 3/4" (14.61cm)
Warranty	5-Year
Approx. Shipping Wt.	2lb. 5oz. (1,05kg)



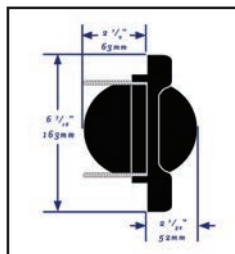
Compass Venture SR-2 Bulkhead Mount
Designed for sailboats from 4.90 to 10.70 meters.
Supplied with Clinometer (INC- 45)

Code	31199
Card Colour	Blue
Cover Colour	Black

Specifications

Boat Style / Size
Dial size
Design
Night Lighting
Mounting Hole
Warranty

Sail / 16 to 36 Feet (4.88m to 10.68m)
3 3/4" (9.35cm)
CombiDial
12V Green LED
4 5/8" - 4 13/16" (118 - 122mm)
5-Year



The Wheelmark Symbol denotes conformance with Standard ISO 10316(E) and ISO 613:2000(E).

Hand Bearing Compasses



Hand bearing compass, non-magnetic alloy

- Compass rose with 360° scale
- North Line with north arrow
- Rotary dial with 360° scale
- Sighting window with sighting line
- Bubble Level
- Base table
- Stand thread
- Inch Scale
- Cm Scale
- Lens prism
- Lid
- Housing

Code.....99984



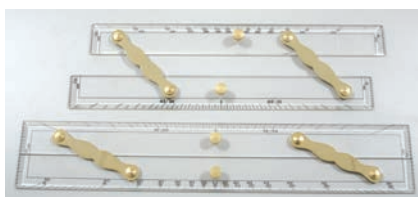
Code.....71207

Hand Bearing Compass SportAbout X-11 w/ Sialum Slot, Yellow

- Easy to Read 2" Direct-Reading Dial compass, with neck lanyard
- Hardened Steel Pivot and Sapphire Jewel Movement
- Built-in Roller Diaphragm for Extended Temperature Operating Range
- QuickSight V-Notch and Lubber Line for Easy Heading Alignment
- Non-Electric Chem Sticks Provide 18 Hours of Night Lighting
- International Safety yellow case, made of Impact-Resistant Silicon
- Compact Size for Easy Handling and Storage

Plotting Tools

BEST VALUE



Parallel ruler

Code	94008	94009
Length	38cm (15")	30cm (12")

BEST VALUE

Straight pattern brass dividers

Dividers are necessary tools in distance calculation and generally in navigating the boat. Lalizas dividers are constructed with bronze arms and tips with special metal alloy, for extra resistance. They are available in two sizes 17,8cm (7") and 20,3cm (8")

Code	94003	94004
Length	17,8cm (7")	20,3cm (8")

BEST VALUE

Single handed dividers

These dividers can be opened and closed with one hand, while performing your chart work. The top curved part of the handle is brass and the tapered sides are bright finished marine alloy. They are considered to be the best nautical dividers available.

Code	93968	93969
Length	17,8cm (7")	20,3cm (8")

Sailboat Hardware

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new

Cabo



Ops Purpose Rope

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new

OCEAN



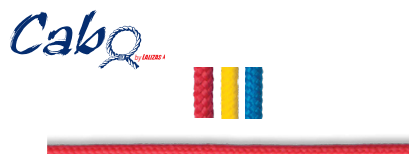
**Cross-Tree
Spreader Boots**

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CABO Superline Braided, Dyneema 100%
It is ideal for the optimist boats, but also for spear gun.

Code	63452	63156	63453
Diameter (mm)	1	2	3
Colour	red/ black-white	yellow/ black-white	blue/ black-white
Length (m)	200		
Breaking Load (kg)	100	130	360



CABO Wind-Surf Rope
Made of Polyester high tenacity, UV protected, with a very large variety of colours. This product is excellent to be used as flag rope.

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
92125	2mm / blue	200	40
92128	3mm / blue		90
98995	4mm / blue		110
98998	5mm / blue		130
99000	5mm / yellow		130
99001	6mm / blue		150
99002	6mm / red		150
99003	6mm / yellow		150

CABO Scotta rope for racing yachts

Polyester double braid is an extremely flexible, long wearing manufacturing that is easy to splice and ideal for all types of running. During manufacturing, a special tension setting process removes most of the residual elongation, while adding dimensional stability. This assures that this rope will maintain the same easy handling qualities throughout its service life.



Code	Diameter / Colour	Length (m)	Breaking Load (kg)
94789	6mm / blue	200	770
94790	6mm / red		
72217	6mm / green		
72218	6mm / yellow		
94791	8mm / blue		1.330
94792	8mm / red		
72219	8mm / green		
72220	8mm / yellow		
94793	10mm / blue	200	2.150
94794	10mm / red		
72221	10mm / green		
72222	10mm / yellow		

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
98994	12mm / blue	200	2.860
71747	12mm / red		
72223	12mm / green		
72224	12mm / yellow		
94797	14mm / blue		4.190
94798	14mm / red		
72225	14mm / green		
72226	14mm / yellow		
94799	16mm / blue	100	5.100
94800	16mm / red		
72227	16mm / green		
72228	16mm / yellow		

Hoisting Ropes & Halyards

CABO Cruising Rope "Halyard"

The specific rope has excellent halyard performances. The special core workmanship, prestretched and three strand workmanship gives exceptional quality to the high resistance and the low stretching.



Code	Diameter / Colour	Length (m)	Breaking Load (kg)
92005	3mm / white with blue braid	200	230
92006	3mm / white with red braid		
72229	3mm / white with green braid		
72230	3mm / white with yellow braid		
92009	4mm / white with blue braid		360
72231	4mm / white with red braid		
72232	4mm / white with green braid		
72233	4mm / white with yellow braid		
92017	6mm / white with blue braid	200	840
92018	6mm / white with red braid		
72234	6mm / white with green braid		
72235	6mm / white with yellow braid		
92021	8mm / white with blue braid		1.460
92022	8mm / white with red braid		

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
72236	8mm / white with green braid	200	2.360
72237	8mm / white with yellow braid		
92025	10mm / white with blue braid		
92026	10mm / white with red braid		
72238	10mm / white with green braid		3.170
72239	10mm / white with yellow braid		
92029	12mm / white with blue braid		
92030	12mm / white with red braid		
72240	12mm / white with green braid	200	4.600
72241	12mm / white with yellow braid		
72242	14mm / white with blue braid		
72243	14mm / white with red braid		
72244	14mm / white with green braid	200	4.600
72245	14mm / white with yellow braid		

**Ops Purpose Rope**

Made from polyester, very soft and ideal for multiple uses on the boat. It can be used on fenders and sea anchors.



Code	Diam. (mm)	Length (m)	Breaking Load (kg)
92036	4	200	350
92037	5		450
92038	6		660
92039	8		1050
92040	10		1350
92041	12		1780
92042	14	100	2250
92043	16		2800

new

Code	Diam. (mm)	Length (m)	Breaking Load (kg)
72420	6	20	660
72421		30	
72422		40	
72423		50	
72424	8	20	1050
72425		30	
72426		40	
72427	10	50	1350
72428		20	
72429		30	
72430		40	
72431	12	50	1780
72432		20	
72433		30	
72434		40	
72435		50	

Shock Cords



CABO Marine shock cord, covered by polyester for nautical uses



Code	Diameter	Length (m)	Breaking Load (kg)
90550	3/16" (5mm)	200	90
90551	1/4" (6mm)		
90552	5/16" (8mm)		110
90553	3/8" (10mm)		

**Olive for shock cord**

Code	Diameter (mm)	Weight (gr)
90587	5	15
90588	6	15
90589	8	20



Wire Accessories

**Copper sleeves**

Code	92660	92661	92662	92663	92664	92665
Diameter (mm)	2	2,5	3	4	5	6

Rigging Accessories

**Delta Ring, No 80, Inox 304**

Code...00003

**D-Ring, 50mm, Inox 304**

Code...00153

Snap Hooks & Carabiners

**Snap Hook, Polyamide**

Suitable for lightweight use only



44028 - 44029

44034 - 44035

44040 - 44041

44046 - 44047

Code	Model	Colour	For shock cord Ø (mm)	Length (mm)	Ø Eye (mm)
44028	With eye	White	4	42	10
44029	With eye	Black		42	10
44034	With eye	White	6	49	10
44035	With eye	Black		49	10
44040	With eye	White	8	58	12
44041	With eye	Black		58	12
44046	With eye	White	10	68	14
44047	With eye	Black		68	14



Snap Hook, Polyamide
Suitable for lightweight use only

Code	Model	Colour	For shock cord Ø (mm)	Length (mm)	Ø Eye (mm)
16795	With eye	Black	8	55	15
44022	With eye	White	6	40	9
44023	With eye	Black		40	9
43994	With eye	White		38	9
43995	With eye	Black		38	9
43977	Standard	Black	5	48	-



Hook Spinnaker Small

Code	Colour	For rope Ø	Length (mm)	Width between holes (mm)
16679	Black	Sheet 6 mm max	55	42



Hook Multi-Purpose Small

Code	Colour	For rope Ø	Length (mm)	Width between holes (mm)
16680	Black	Rope or shock cord 4 mm max.	30	20



Hook Multi-Purpose Small

Code	Colour	For rope Ø	Length (mm)	Width between holes (mm)
43988	White	Rope 4 mm max. Shock cord 6/8 mm max.	40	30
43989	Black			



Hook Multi-Purpose Small

Code	Colour	For rope Ø	Length (mm)	Width between holes (mm)
43982	White	Rope 6 mm max. Shock cord 8/10 mm max.	30	20
43983	Black			



Shackle, Palstic

Sail slide hank, suitable to attach to sail sliders

Code	Colour	Diameter Ø (mm)	Safe working load (kg)
16764	White	6	80

Blocks



Inox Block
Code..10134



Single Block, 10mm
Code..10131



Single Block with Becket, 10mm
Code..10132



Fiddle Block, 10mm
Code..10133

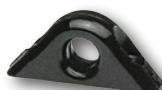
Cam Cleats & Accessories



16684



16685 - 16686



16681



44427

Fairleads

Code	16684	16685	16686	16681	44427	44426
Colour	Black	Black		Black	Black	White
Ø Max. rope (mm)	18	13	17	7	10	
Overall dimensions Width x Height (mm)	65x28	41x26	55x30	35x15	40x17	
Hole spacing (mm)	45	30	40	19	28	



Cam Cleat 3-8mm
Code..10141



Cam Cleat 8-12mm
Code..10142

**BEST
VALUE**

Top fairlead for cam cleat



Code	92564	92565	92566	92567	92573	92574
For cam cleat	10141				10142	
Colour	Black	Red	Yellow	Blue	Black	Red

Winch Handles

Winch Handles

Lalizas Winch Handles have been designed to operate efficiently with the minimum of effort. They are lightweight, easy to handle and highly resistant to the marine environment, as they are made of anodised aluminium. Lalizas winch handles are available in two lengths 20cm and 25cm, each with or without locking mechanism and speed handles with ball bearings enclosed.

Code	Description
11856	Aluminium Winch Handle Locking - 20cm
11857	Aluminium Winch Handle Locking with speed handle - 20cm
11858	Aluminium Winch Handle - 20cm
11859	Aluminium Winch Handle with speed handle - 20cm
11860	Aluminium Winch Handle Locking - 25cm
11861	Aluminium Winch Handle Locking with speed handle - 25cm
11862	Aluminium Winch Handle - 25cm
11863	Aluminium Winch Handle with speed handle - 25cm



Sail Accessories

OCEAN

Inox hook 316



Code	Dimensions (mm)
70623	6x50
70624	8x50
70625	10x65

new



Cross-Tree Spreader Boots

Code	Colour	Length (mm)	Width (mm)	Height (mm)
197755	White	200	110	100
197756	Silver			

Steering Equipment



Deck Collar for Optimist, Diam. 57mm
Code.....70139

**BEST
VALUE**



Urethane UNIVERSAL joint suits
Code.....95854

Windmeters



Wind Indicator WINDEX

Code	99234	99235	99236	99237
Description	WINDEX 10	WINDEX 15	WINDEXL	WINDEX DINGHY
For Boats	up to 9 meters	9-14 meters	over 14 meters	Dinghy
Length Indicator (cm)	25	38	57	25
Weight (gr)	40	95	270	40
Height (cm)	24	34,5	49	27,5

Bosun's Chairs



Professional Bosun's Chair

The Lalizas Professional Bosun's Chair has been designed according to the highest quality standards, so that it can be used by professionals.

Code.....10210



**BEST
VALUE**

- 1) Reinforced Nylon with PVC backing and PP webbing
- 2) Supreme comfort for extended time aloft
- 3) Comfortable wrap-around back
- 4) Adjustable strap between the legs for extra safety
- 5) Stows in its own bag, which becomes a tool pouch when the chair is in use
- 6) Attached side tool case
- 7) Pocket to fit an optional wooden seat (code: 00169)
- 8) Retroreflective tapes for better visibility
- 9) Floats in the water when it is empty



**BEST
VALUE**



Wooden Seat for Professional Bosun's Chair 10210

Code.....01169

BEST
VALUE



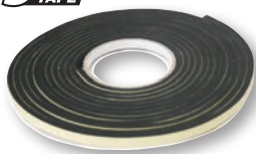
Safety Bosun's Chair

This bosun's chair is made of reinforced Nylon 210D with PVC backing, 0,35mm thick. It comes complete with safety straps for added security, fitted side pockets for tools and a padded wooden seat. Lalizas offers you a bosun's chair to allow you to work comfortably, safely and in balance.

Code.....10080

Sealing Tapes & Sealants

SEAL
TAPE



Marine Neoprene Tape "Hatchseal"

Code	Dimensions	Colour
11551	3m x 19mm x 3mm	Black
11552	3m x 19mm x 6mm	Black

SEAL
TAPE



Nonslip Tape, General Purpose

Code	Dimensions	Colour
11846	25mm x 5m	Black
11847	25mm x 5m	White

Webbing & Webbing Adjusters



Code	Description
00043	Polyester Webbing 25mm, 0,9mm thickness, White, (Roll 50m)
02035	Polyester Webbing 25mm - Yellow - (Roll 50m)
02262	Polyester Webbing 25mm, 1,3mm thickness, White, (Roll 50m)



Strap regulator

Code	00071
Colour	Blue



Delta Ring, No 80

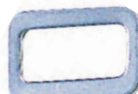
Code...00003



D-Ring, 50mm

Code...00153

BEST
VALUE



Buckle female, 50mm

Code...00152

BEST
VALUE

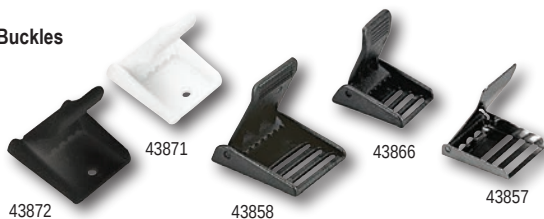


Buckle male, 50mm

Code...00151

NM
Nuova Rade

Buckles



Code	Colour	Material	For webbing (mm)	Width (mm)	Length (mm)
43871	White	Plastic	30	34	35
43872	Black	Plastic			
43865	White	Plastic	30	34	35
43866	Black	Plastic			
43858	Black	Plastic	50	62	84
43857	-	INOX	50	54	74



LALIZAS 

Logistic & Warehouse
premises:

TOTAL: 34.000m²



LOGISTICS CENTERS

GREECE Piraeus 	BELGIUM Amversa 	CHINA Xiamen 	ITALY Busalla 	MIDDLE EAST Dubai 	SPAIN Cadiz 	USA Ft. Lauderdale 
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