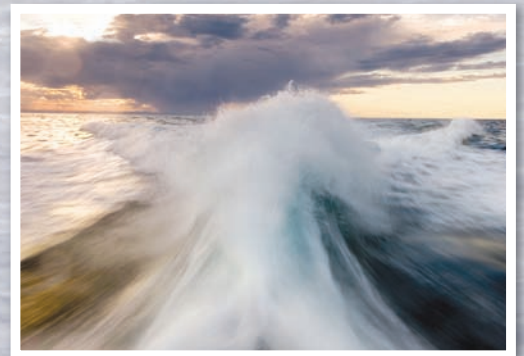


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## Lewmar Hatches & Portlights

At Lewmar, we piece together the perfect combination of strength, functionality and aesthetics. So whether you purchase a hatch portlight, or accessory, you can always count on easy installation and usage, solid performance and sleek, timeless style.





# Lewmar Hatches – quality you can count on.

Manufactured from the highest quality materials, Lewmar hatches feature a unique integral seal that makes them completely leak-proof. They are rigorously tested for performance and designed for easy, one-piece installation. Friction levers ensure that you can open your hatch to any angle up to 95°, whether you're below deck or above.

## Features

- Soft, fluid styling
- Comprehensive range
- Self-supporting lids
- Unique seal system
- Simple maintenance
- Locking handles
- External access on larger hatches
- Hatch vent position
- Trim kits (optional extras) provide a clean finish to any installation
- Fully guaranteed\*

*\*details available from your local Lewmar Retailer*



### Maintenance

Acrylic seal can be replaced by sliding the two halves of the frame apart. Look for this icon on relevant pages.



### Telescopic Stay

Lewmar's Telescopic Stay features excellent lid positioning and rigid control. The stay allows hatch opening up to 95° – an advantage on smaller to mid-size yachts where deck space is at a premium.

### Flush Hatch

Made especially for boat builders preparing recessed hatch openings. The hatch fits seamlessly into a specially designed recess in the deck. The precision of the fit makes for a sleek, modern look and means no more stubbed toes for boat owners.

### Low Profile Hatch

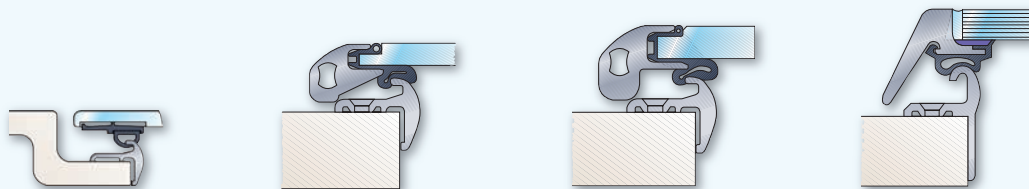
The Low Profile Hatch has soft styling and sleek looks. Smaller ventilation hatches are suitable for mounting on any sailboat deck location while larger hatches can be used as foredeck hatches on smaller yachts.

### Medium Profile Hatch

Utilizing thicker acrylic and deeper frame sections, the Medium Profile Hatch provides greater strength and durability while echoing the sleek styling of the Low Profile Hatches. It is ideal as a foredeck hatch on larger offshore yachts.

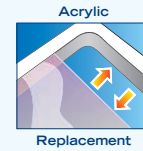
### Ocean Hatch

The Ocean Hatch has classical styling and rugged construction for ultimate protection against the elements. Lewmar's Ocean Hatches are fitted to thousands of boats throughout the world.



# Low Profile Hatch

The sleekly designed Low Profile Hatch is ideal for use on a powerboat. Smaller ventilation hatches are a better fit for sailboats, while the larger sizes can be used as foredeck hatches on smaller to mid-sized yachts.



Complies with the relevant parts of International Standards ISO/DIS 12216.2(E). This standard covers the applicable essential steady requirements of the Recreational Craft Directive 94/25/EC.

Size	Area 2a
All Sizes	✓

Note: Area 2a = Deck, Coachroof, Cockpit & Transom

## Low Profile Hatch – Specifications

Part Number Self Supporting Lid	Part Number Hatch with Stay	Size	Lower Frame Flange		Overall Size								Cut-out Size dimensions change if trim kits are used						Hatch Weight		Acrylic Window Thickness	
			mm	in	X Length		Y Width		Z Height		R Radii		X1 Cut-Out Length		Y1 Cut-Out Width		R1 Cut-Out Radii		kg	lb	mm	in
					mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in				
39900030		00	15	9/16	281	11 1/16	281	11 1/16	25	1	72.5	2 7/8	211	8 3/16	211	8 3/16	42.5	1 1/16	1.6	3.5	8	5/16
39903030		03	15	9/16	246	9 11/16	301	11 7/8	25	1	72.5	2 7/8	176	6 15/16	231	9 1/8	42.5	1 1/16	1.6	3.5	8	5/16
39910030	399100303	10	15	9/16	330	13	330	13	25	1	72.5	2 7/8	260	10 1/4	260	10 1/4	42.5	1 1/16	2.2	4.9	8	5/16
39920030		20	15	9/16	272	10 11/16	417	16 1/16	25	1	72.5	2 7/8	202	7 15/16	347	13 11/16	42.5	1 1/16	2.3	5.1	8	5/16
39930030	399300303	30	15	9/16	397	15 5/8	527	20 3/4	25	1	72.5	2 7/8	327	12 7/8	457	18	42.5	1 1/16	4.2	9.3	8	5/16
39940030	399400303	40	15	9/16	491	19 5/16	491	19 5/16	25	1	72.5	2 7/8	421	16 3/16	421	16 3/16	42.5	1 1/16	4.6	10.1	8	5/16
39941030		41	15	9/16	246	9 11/16	491	19 5/16	25	1	72.5	2 7/8	176	6 15/16	421	16 3/16	42.5	1 1/16	2.5	5.5	8	5/16
39944030	399440303	44	15	9/16	512	20 1/16	512	20 1/16	25	1	72.5	2 7/8	442	17 3/8	442	17 3/8	42.5	1 1/16	4.8	10.6	8	5/16
39950030	399500303	50	15	9/16	447	17 3/8	577	22 11/16	25	1	72.5	2 7/8	377	14 13/16	507	19 15/16	42.5	1 1/16	4.8	10.6	8	5/16
39954030	399540303	54	15	9/16	462	18 3/16	577	22 11/16	25	1	72.5	2 7/8	392	15 1/16	507	19 15/16	42.5	1 1/16	4.9	10.8	8	5/16
39960030	399600303	60	15	9/16	577	22 11/16	577	22 11/16	25	1	72.5	2 7/8	507	19 15/16	507	19 15/16	42.5	1 1/16	6.4	14.1	10	3/8
39965030		65	15	9/16	560	22 11/16	560 min 675 max	22 11/16 min 26 3/16 max	25	1	72.5	2 7/8	See Dimensional Drawing			42.5	1 1/16	6.5	14.3	10	3/8	

- Hatches should be fitted to a flat surface with a maximum tolerance of ±1mm.
- Fastening size at the hinge section use M6 (1/4in) bolts.
- Fastening size for lower frame section use 5mm CSK screw No. 10 UNC 2BA.
- Cut-out dimensions change if a Trimkit is used.

## Low Profile Round Hatch – Specifications

Part No.	Size	Lower Frame Flange		β Diameter		Z Height		HX Hinge Length		HY Hinge Width		β1 Diameter		Hatch Weight	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb
39918030	18	15	9/16	490	19 15/16	25	1	493	19 3/16	141	5 9/16	420	16 3/16	3.8	8.4
39922030	22	15	9/16	588	23 3/8	25	1	591	23 1/4	173	6 13/16	518	20 3/8	5.8	12.8

- Hatches should be fitted to a flat surface with a maximum tolerance of ±1mm.
- Fastening size at the hinge section use M6 (1/4in) bolts.
- Fastening size for lower frame section: use 5mm CSK screw No. 10 UNC 2BA.
- Cut-out dimensions change if a Trim kit is used.

## Telescopic Stay

Lewmar's Telescopic Stay features excellent lid positioning and rigid control. The stay allows hatch opening up to 95° – an advantage on smaller to mid size yachts where deck space is at a premium.

## Low Profile D-Hatch – Specifications

Part Number Self Supporting Lid	Size	Lower Frame Flange		Overall Size								Cut-out size dimensions change if Trim kits are used						Hatch Weight		Acrylic Window Thickness	
		mm	in	X Length		Y Width		Z Height		R Radii		X1 Cut-Out Length		Y1 Cut-Out Width		R1 Cut-Out Radii		kg	lb	mm	in
				mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in				
39951030	51	15	9/16	448	17 3/8	588	23 3/8	25	1	72.5	2 7/8	378	14 7/8	518	20 3/8	42.5	1 1/16	5.5	12.1	8	5/16
30067300	64	15	9/16	500	19 11/16	600	23 5/8	25	1	72.5	2 7/8	430	16 15/16	530	20 3/8	42.5	1 1/16	6.4	14.1	8	5/16

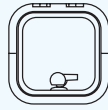
## Low Profile Hatch – Sizes



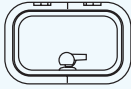
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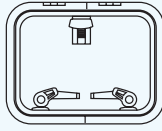
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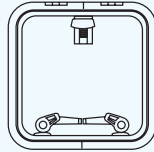
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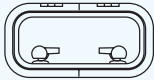
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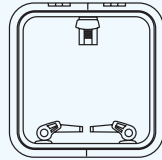
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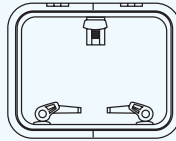
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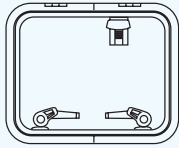
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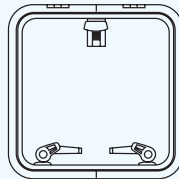
Size 44\*



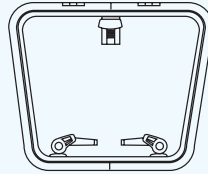
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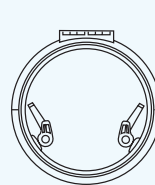
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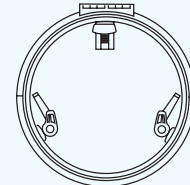
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Size 65



Size 18

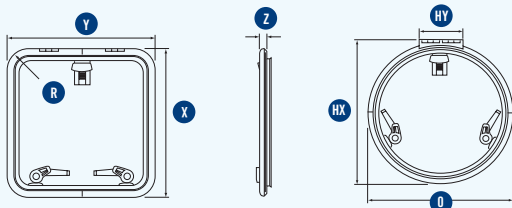


Size 22

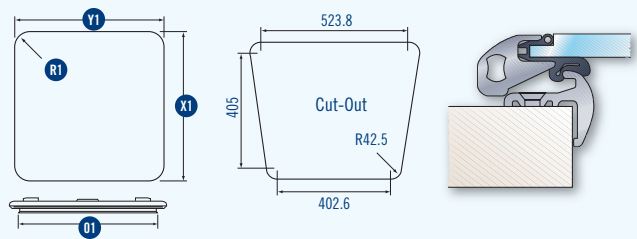
\* Minimum size for EC Escape Hatches (square and rectangular)



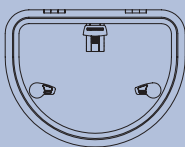
## Low Profile Hatch – Dimensions



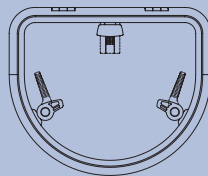
## Low Profile Hatch – Cut-Outs



## Low Profile D-Hatch – Sizes

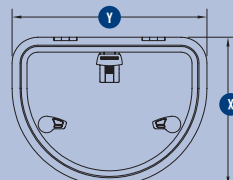


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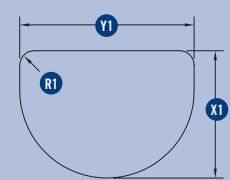


Size 64

## Dimensions

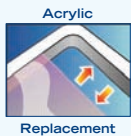


## Cut-Outs



# Medium Profile Hatch

Ideal as a foredeck hatch on larger offshore yachts, the Medium Profile has thicker acrylic and deeper frame sections for greater strength and durability. It features Lewmar's unique sealing system, allowing for easy acrylic replacement. All while retaining the smooth, modern lines of the Low Profile Hatch.



**CE Approved** Complies with the relevant parts of International Standards ISO/DIS 12216.2002. This standard covers the applicable essential safety requirements of the Recreational Craft Directive 95/25/EC.

Size	Area 2a
All Sizes	✓

Note: Area 2a = Deck, Coachroof, Cockpit & Transom



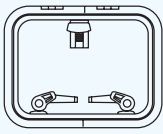
## Medium Profile Hatch — Specifications

Part No.	Size	Overall Size								Cut-Out Size Dimensions change if Trim kits are used						Hatch Weight	Acrylic Window Thickness						
		Lower Frame Flange		Length		Width		Height		Radii		Cut-Out Length		Cut-Out Width			Cut-Out Radii		kg	lb	mm	in	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
39930020	30	15	9/16	397	15 5/8	527	20 3/4	32	1 1/4	78	3 1/16	327	12 7/8	457	18	42.5	1 11/16	5.0	11.1	12	1/2		
39940020	40	15	9/16	492	19 3/8	492	19 3/8	32	1 1/4	78	3 1/16	421	16 9/16	421	16 9/16	42.5	1 11/16	5.9	13.0	12	1/2		
39944020	44	15	9/16	513	20 3/16	513	20 3/16	32	1 1/4	78	3 1/16	442	17 3/8	442	17 3/8	42.5	1 11/16	6.4	14.1	12	1/2		
39950020	50	15	9/16	448	17 5/8	578	22 3/4	32	1 1/4	78	3 1/16	377	14 13/16	507	19 15/16	42.5	1 11/16	6.3	13.9	12	1/2		
39954020	54	15	9/16	463	18 1/4	578	22 3/4	32	1 1/4	78	3 1/16	392	15 1/16	507	19 15/16	42.5	1 11/16	6.5	14.3	12	1/2		
39960020	60	15	9/16	578	22 3/4	578	22 3/4	32	1 1/4	78	3 1/16	507	19 15/16	507	19 15/16	42.5	1 11/16	7.8	17.2	12	1/2		
39970020	70	15	9/16	698	27 1/2	698	27 1/2	32	1 1/4	78	3 1/16	627	24 11/16	627	24 11/16	42.5	1 11/16	10.6	23.4	12	1/2		
39977020	77	15	9/16	770	30 3/16	770	30 3/16	32	1 1/4	78	3 1/16	699	27 1/2	699	27 1/2	42.5	1 11/16	12.7	28.0	12	1/2		

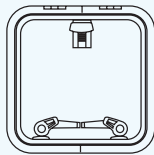
- Hatches should be fitted to a flat surface with a maximum tolerance of ±1mm. • Fastening size at the hinge section: use M6 (1/4in) bolts.
- Fastening size for lower frame section: use 5mm CSK screw No. 10 UNC 2BA.
- Cut-out dimensions change if Trim kits are used.
- Size 77 is made to order.



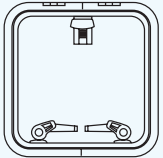
## Medium Profile Hatch – Sizes



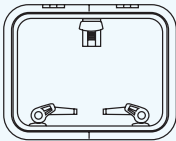
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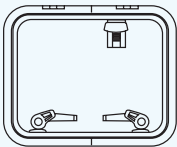
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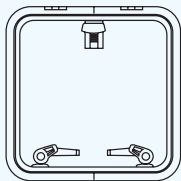
Size 44\*



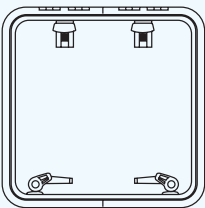
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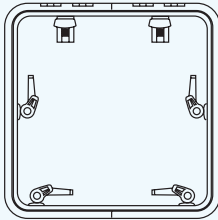
Size 54\*



Size 60



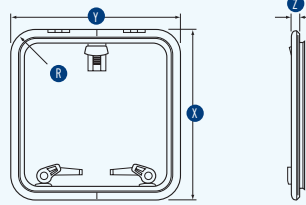
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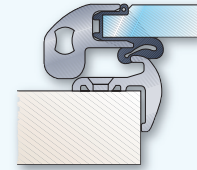
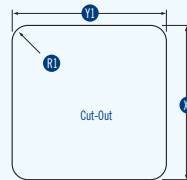
Size 77

*\*Minimum size for EC Escape Hatches (square and rectangular)*

## Medium Profile Hatch — Dimensions



## Medium Profile Hatch — Cut-Outs



# Ocean Hatch

With its classic style, the Ocean Hatch is fitted to thousands of boats around the world. Its rugged construction provides the ultimate protection against the elements, whatever conditions you might face.



**CE Approved** Complies with the relevant parts of International Standards ISO/DIS 12216.2(E). This standard covers the applicable essential safety requirements of the Recreational Craft Directive 94/25/EC.

Size	Area 2a
All Sizes	✓

Note: Area 2a = Deck, Coachroof, Cockpit & Transom

## Ocean Hatch — Specifications

Part No.	Size	Lower Frame	Overall Size										Cut-Out Size Dimensions change if Trim kits are used																	
			X		Y		Z		R		HX		YX		Hatch Weight	Acrylic Window Thickness		X1		Y1		R1								
			Length	Width	Height	Radii	Hinge Length	Hinge Width											Length	Width	Radii									
<b>39610050</b> <b>39610070</b>	10	Flat Base 25mm/1in Flange	324	12 3/4	324	12 3/4	39.5	1 9/16	75	2 15/16	5	3/16	138	5 7/16	2.26	5.77	10	3/8	255	10 1/16	255	10 1/16	40	1 9/16	260	10 1/4	260	10 1/4	42.5	1 11/16
<b>39620050</b> <b>39620070</b>	20	Flat Base 25mm/1in Flange	266	10 1/2	411	16 3/16	39.5	1 9/16	69	2 11/16	5	3/16	225	8 7/8	2.74	6.04	10	3/8	197	7 3/4	342	13 7/16	34	1 5/16	202	7 15/16	347	13 7/16	36.5	1 7/16
<b>39630050</b> <b>39630070</b>	30	Flat Base 25mm/1in Flange	391	15 3/8	521	20 1/2	39.5	1 9/16	75	2 15/16	5	3/16	335	13 3/16	4.5	9.9	10	3/8	322	12 11/16	452	17 13/16	40	1 9/16	327	12 7/8	457	18	42.5	1 11/16
<b>39640050</b> <b>39640070</b>	40	Flat Base 25mm/1in Flange	485	19 3/8	485	19 3/8	39.5	1 9/16	75	2 15/16	5	3/16	299	11 3/4	4.76	10.5	10	3/8	416	16 3/8	416	16 3/8	40	1 9/16	421	16 9/16	421	16 9/16	42.5	1 11/16
<b>39644050</b> <b>39644070</b>	44	Flat Base 25mm/1in Flange	509	20 1/16	509	20 1/16	43	1 11/16	76	3	4	3/16	302	11 7/8	5	11	12	1/2	437	17 3/16	437	17 3/16	40	1 9/16	442	17 3/8	442	17 3/8	42.5	1 11/16
<b>39650050</b> <b>39650070</b>	50	Flat Base 25mm/1in Flange	444	17 1/2	574	22 5/8	43	1 11/16	76	3	4	3/16	367	14 7/16	7.3	16.1	12	1/2	372	14 5/8	502	19 3/4	40	1 9/16	377	14 13/16	507	19 15/16	42.5	1 11/16
<b>39654050</b> <b>39654070</b>	54	Flat Base 25mm/1in Flange	459	18 1/16	574	22 5/8	43	1 11/16	76	3	4	3/16	367	14 7/16	7.6	16.7	12	1/2	387	15 1/4	502	19 3/4	40	1 9/16	392	15 7/16	507	19 15/16	42.5	1 11/16
<b>39660050</b> <b>39660070</b>	60	Flat Base 25mm/1in Flange	574	22 5/8	574	22 5/8	43	1 11/16	76	3	4	3/16	367	14 7/16	8	17.6	12	1/2	502	19 3/4	502	19 3/4	40	1 9/16	507	19 15/16	507	19 15/16	42.5	1 11/16
<b>39670050</b> <b>39670070</b>	70	Flat Base 25mm/1in Flange	694	27 5/16	694	27 5/16	43	1 11/16	76	3	4	3/16	487	19 3/16	10.8	23.8	12	1/2	622	24 1/2	622	24 1/2	40	1 9/16	627	24 11/16	627	24 11/16	42.5	1 11/16
<b>39677050</b> <b>39677070</b>	77	Flat Base 25mm/1in Flange	767	30 3/16	767	30 3/16	43	1 11/16	76	3	4	3/16	548	21 9/16	13.2	29.04	12	1/2	694	27 5/16	694	27 5/16	40	1 9/16	699	27 1/2	699	27 1/2	42.5	1 11/16

- Hatches should be fitted to a flat surface with a maximum tolerance of  $\pm 1$ mm.
- Size 77 is made to order.
- Fastening size at the hinge section: use M6 (1/4in) bolts.
- Fastening size for lower frame section: use 5mm CSK screw no. 10 UNC 2BA.
- Flat base hatches cannot be used with Trim kits or Roller shades.

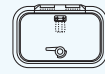




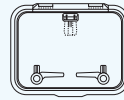
## Ocean Hatch Sizes



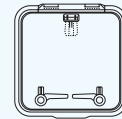
Size 10



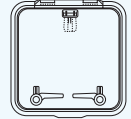
Size 20



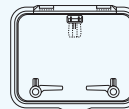
Size 30



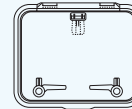
Size 40



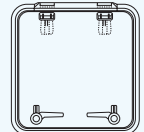
Size 44\*



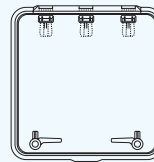
Size 50



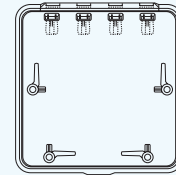
Size 54\*



Size 60



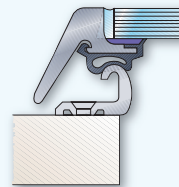
Size 70



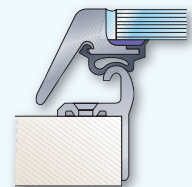
Size 77

\* Minimum size for EC Escape Hatches (square and rectangular)

## Ocean Profile

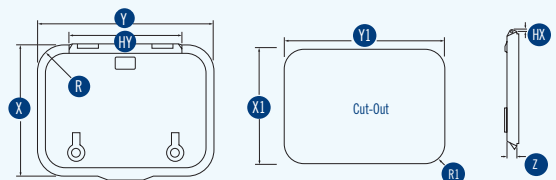


Ocean Profile Flat Base



Ocean Profile Flange Base

## Ocean Hatch Dimensions – Cut-Out



# Pilot Hatch

The Pilot Hatch is a sliding hatch styled to match the Low and Medium Profile hatches. It is designed for use on the Wheelhouse or Cockpit canopy of a power craft.

The hatch opens up enclosed steering positions, allowing the helm and crew to experience the sunshine and fresh air on fine days. Unlike a hatch with a hinged lid, the handle on the Pilot Hatch never moves out of reach or requires lifting from a difficult angle when the hatch is fully open.

The lid is moved using a single handle bar that also rotates to seal down the hatch. When full ventilation is not required, the lid can also be secured with a 5cm opening. The Pilot Hatch uses Lewmar's unique seal system for improved sealing and easy servicing. The acrylic can be replaced without the use of sealant. The sliding technology comes from Lewmar's racing hardware track systems, ensuring minimum friction.

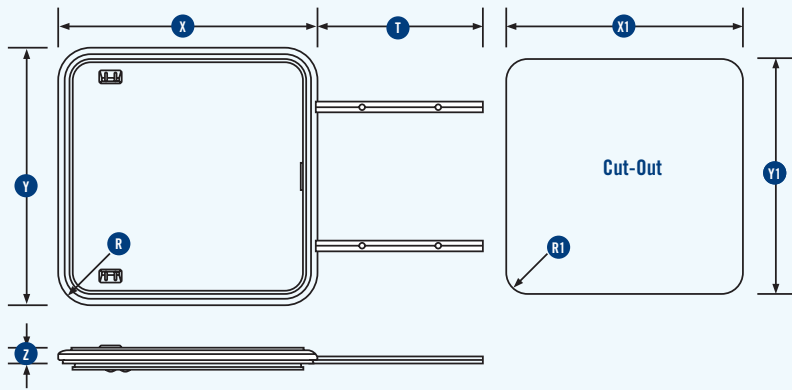




# Pilot Hatch Specifications

Part No.	Size	Version	Overall Size					Cut-Size Dimensions change if Trim kits are used												
			Lower Frame Flange		X	Y	Z	R	T	X1	Y1	R1								
			mm	in	Width	Length	Height	Radii	Track Length	Cut-Out Width	Cut-Out Depth	Cut-Out Radii								
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in						
30074000	60	Smoke grey	15	9/16	581	22 7/8	577	22 11/16	29	1 1/8	73	2 7/8	373	14 3/8	507	19 15/16	42.5	1 1/16		
30160000	N1	Smoke grey	15	9/16	730	28 3/4	780	30 11/16	29	1 1/8	73	2 7/8	515	20 1/4	654	25 3/4	708	27 7/8	42.5	1 1/16
30069900	78	Smoke grey	15	9/16	844	33 1/4	790	31 1/8	29	1 1/8	73	2 7/8	638	25 1/8	770	30 5/16	720	28 1/4	42.5	1 1/16

## Pilot Hatch Dimensions



1. Trim kits are not available for size 78 or N1.
2. Hatches should be fitted to a flat surface with a maximum tolerance of  $\pm 1$ mm.
3. The Pilot Hatch is only for use on wheel houses and cockpit canopies. It is not suitable for use on normal decks and coachroof applications.
4. Fastening size for lower frame and sliding track: use 5mm CSK screw No.10 UNC 2BA.
5. The Pilot Hatch cannot be operated from the outside.

**CE** Complies with the relevant parts of International Standards ISO/DIS 12216:2002. This standard covers the applicable essential safety requirements on the Recreational Craft Directive 95/25/EC.

Size	Area 3
All Sizes	✓

**Note:** Area 3 = Parts of the boat, other than the hull or parts of the deck, superstructure or cockpit sole, etc, on which people may not normally step or stand. In this case, the top of motorboat Wheelhouses and Cockpit canopies is the designed use. For other applications, please contact Lewmar before starting the installation. For a full description of Area 3, please consult the Regulations.





# Flush Hatch

Created specifically for new boat designs, the Flush Hatch is a simple yet original design. It is made specifically for boat builders preparing recessed hatch openings that would originally have housed either a conventional hatch or an extremely expensive custom flush hatch. The hatch fits seamlessly into a specially designed recess in the deck and cannot retrofit existing decks. The precision of the fit makes for a sleek, modern look and means no more stubbed toes for boat owners.

The Flush Hatch is now part of Lewmar's standard range and is a fraction of the cost of flush hatches typically placed on superyachts and other prestigious builds.

**CE** Approval Pending  
Complies with the relevant parts of International Standards ISO/DIS 12216.2(E). This standard covers the applicable essential safety requirements of the Recreational Craft Directive 94/25/EC.

Size	Area 2a
All Sizes	✓

Note: Area 2a = Deck, Coachroof, Cockpit & Transom.



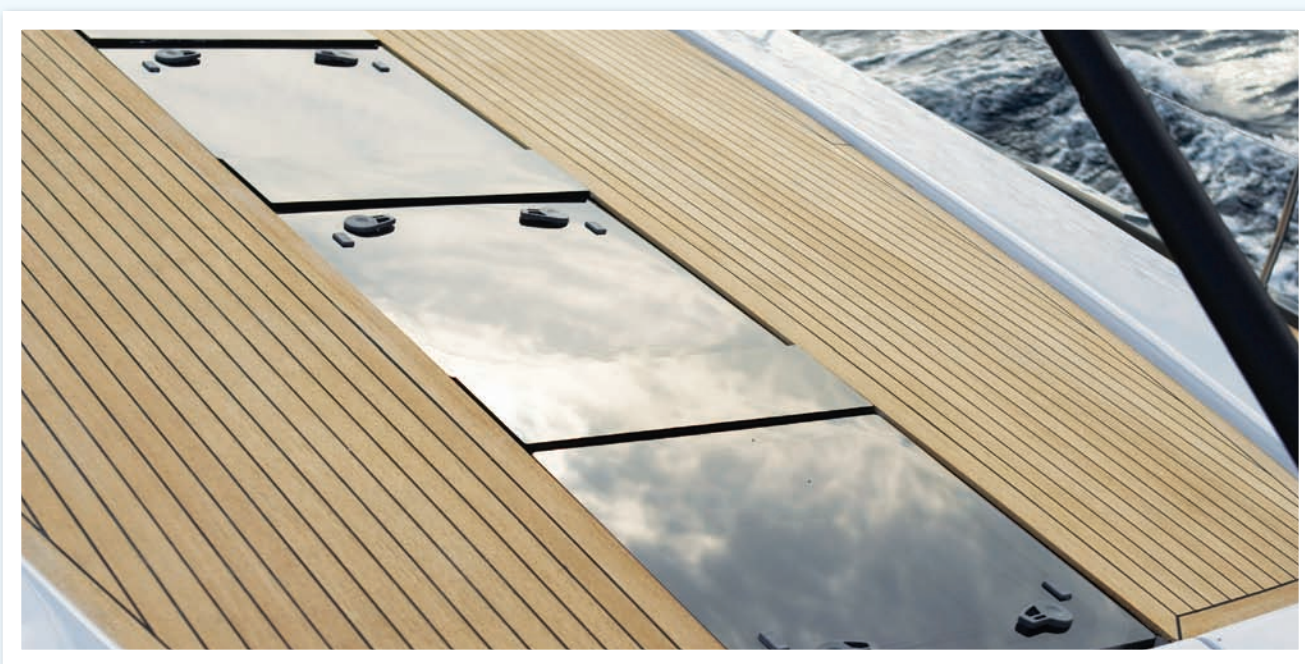
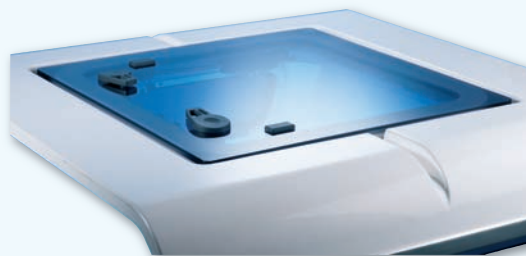
## Features:

- Based on proven Ocean and Low Profile Hatches, which have been thoroughly tested in countless ocean conditions
- Tough, tinted acrylic panel is all that can be seen on deck
- Strengthened, extruded aluminum frame hidden discreetly below deck
- Seven sizes cover most requirements
- Completely watertight structure
- Water drained effortlessly away by deck-molded channels
- Strong, stylish handles and hinges
- Trims fit sizes 10, 44, 60, & 70

Lewmar Flush Hatches have changed to use black sealant and upper frames for a more stylish appearance, ideal for designers who want to incorporate the Flush Hatch into their latest designs.

## Dark Sport Tint Style

For the sleek 'blackout' window look, made popular by discerning owners of sports cars and superyachts, Lewmar now offers a dark grey acrylic option on its Flush Hatch range. Dark grey keeps cabins cooler and enhances the appearance of the boat. It has lower light transmission and a blacker, more reflective appearance.



# Square Flush Hatch Specifications

## Standard Color Specifications

Grey acrylic, black sealant, black upper frame, white lower frame.

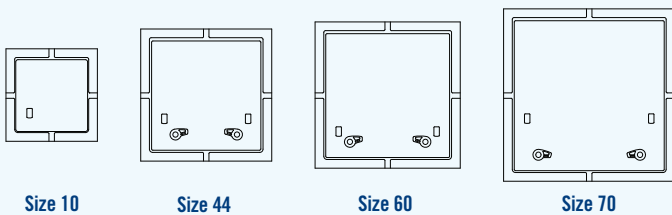
Part Number	Size	Lower Frame Flange		Hinge Gap		Width		Length		Depth		Radii		Cut-Out Dimensions			Acrylic Window						
		W		X		Y		Z		R		X1		Y1		R1		Hatch Weight		Thickness			
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb	mm	in		
30162600	10	15	9/16	10	3/8	330	13	330	13	31	1 1/4	10	3/8	260	10 1/4	260	10 1/4	42.5	1 11/16	2.6	6	10	3/8
30162700	44	15	9/16	10	3/8	512	20 3/16	512	20 3/16	31	1 1/4	10	3/8	442	17 3/8	442	17 3/8	42.5	1 11/16	5.8	12.7	10	3/8
30162800	60	15	9/16	10	3/8	577	22 11/16	577	22 11/16	31	1 1/4	10	3/8	507	19 15/16	507	19 15/16	42.5	1 11/16	6.7	14.8	10	3/8
30162900	70	15	9/16	12	1/2	697	27 1/2	697	27 1/2	32	1 1/4	10	3/8	627	24 11/16	627	24 11/16	42.5	1 11/16	10.2	22.5	12	1/2

## Dark Sport Tint Specifications

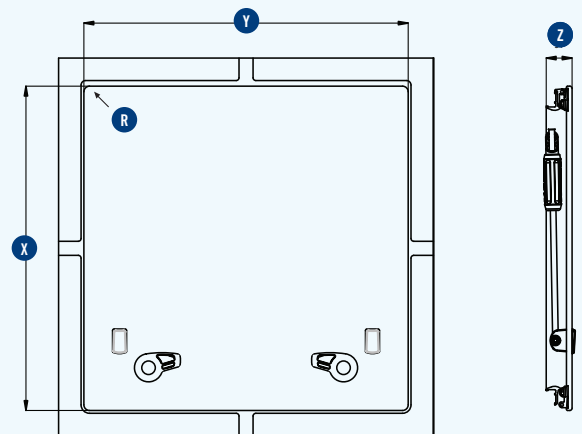
Dark grey acrylic, black sealant, black upper frame, white lower frame.

Part Number	Size	Lower Frame Flange		Hinge Gap		Width		Length		Depth		Radii		Cut-Out Dimensions			Acrylic Window						
		W		X		Y		Z		R		X1		Y1		R1		Hatch Weight		Thickness			
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb	mm	in		
30158000	10	15	9/16	10	3/8	330	13	330	13	31	1 1/4	10	3/8	260	10 1/4	260	10 1/4	42.5	1 11/16	2.6	6	10	3/8
30158100	44	15	9/16	10	3/8	512	20 3/16	512	20 3/16	31	1 1/4	10	3/8	442	17 3/8	442	17 3/8	42.5	1 11/16	5.8	12.7	10	3/8
30158200	60	15	9/16	10	3/8	577	22 11/16	577	22 11/16	31	1 1/4	10	3/8	507	19 15/16	507	19 15/16	42.5	1 11/16	6.7	14.8	10	3/8
30157900	70	15	9/16	12	1/2	697	27 1/2	697	27 1/2	32	1 1/4	10	3/8	627	24 11/16	627	24 11/16	42.5	1 11/16	10.2	22.5	12	1/2

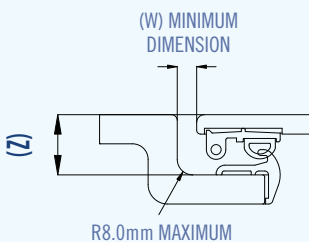
## Square Flush Hatch Sizes



## Square Flush Hatch Dimensions – Cut-out



## Flush Hatch Profile





# Round Flush Hatch Specifications

## Standard Color Specifications

Grey acrylic, black sealant, black upper frame, white lower frame.

Part Number	Size	Clearance Gap		Overall Size				Cut-Out Dimensions				Acrylic Window Thickness	
		mm	in	Diameter $\phi$		Depth $Z$		Diameter $\phi 1$		Hinge Flat $HX$		mm	in
30163000	18	5	3/16	490	19 15/16	31	1 1/4	420	16 9/16	194	7 5/8	10	3/8
30163100	22	5	3/16	588	23 1/8	31	1 1/4	518	20 3/8	240	9 7/16	10	3/8
30163200	27	5	3/16	689	27 1/8	31	1 1/4	619	24 3/8	291	11 7/16	10	3/8

## Dark Sport Tint Specifications

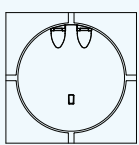
Dark grey acrylic, black sealant, black upper frame, white lower frame.

Part Number	Size	Clearance Gap		Overall Size				Cut-Out Dimensions				Acrylic Window Thickness	
		mm	in	Diameter $\phi$		Depth $Z$		Diameter $\phi 1$		Hinge Flat $HX$		mm	in
30158300	18	5	3/16	490	19 5/16	31	1 1/4	420	16 9/16	194	7 5/8	10	3/8
30158400	22	5	3/16	588	23 1/8	31	1 1/4	518	20 3/8	240	9 7/16	10	3/8
30158500	27	5	3/16	689	27 1/8	31	1 1/4	619	24 3/8	291	11 7/16	10	3/8

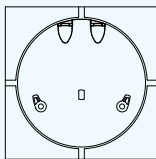
Note: Lewmar standard trims and flyscreens do not fit sizes 18 & 22.

Note: Trim and flyscreen are not available for size 27.

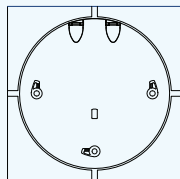
## Round Flush Hatch Sizes



Size 18

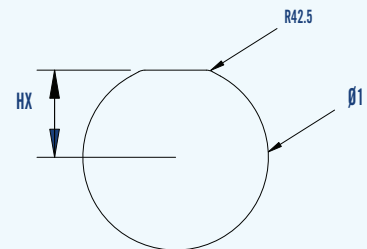


Size 22

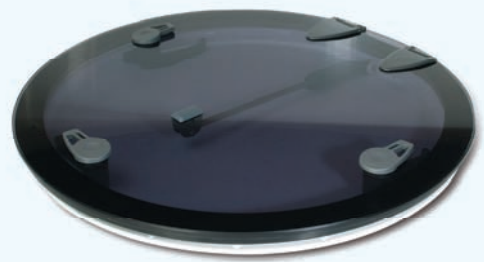
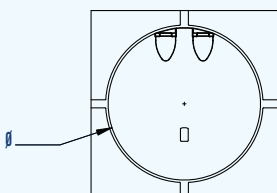


Size 27

## Round Flush Hatch Dimensions - Cut-out



## Round Flush Hatch Dimensions



# Accessories

## ABS Plastic Trim and Flyscreen

Trim kits provide an easy and stylish way of finishing a hatch installation inside the cabin. They come complete with a flyscreen. The Trim can be cut to length allowing the Trim kit to suit a wide range of deck thickness.



## Hatch Trim kits –

### Medium & Low Profile

Hatch Size	Ivory Trim	White Trim
00 Low Profile*	367400552	367400252
03	367403552	367403252
10	367410552	367410252
18	367618552	367618252
20 Low Profile*	367420552	367420252
20 Ocean	367620552	367620252
22	367622552	367622252
30	367630552	367630252
40	367640552	367640252
41	367441552	367441252
44	367644552	367644252
50	367650552	367650252
51	n/a	367651252
54	367654552	367654252
60	367660552	367660252
64	n/a	367664252
65	367665552	367665252
70	367670552	367670252

\* Note: does not fit Ocean, Rollstop or Superhatch.

### Dimensions & Deck Thickness Requirements

	Plastic Trim kit
<b>Cut-Out Dimension* Increase</b>	Add 4mm to X1 & Y1 and 2mm to R1
<b>Ocean</b>	Min Hull Thickness = 25mm Max Hull Thickness = 72mm
<b>Low and Medium Profile</b>	Min Hull Thickness = 15mm Max Hull Thickness = 62mm

\* Cut-out dimensions for hatch sizes are shown on their relevant pages.

## Telescopic Stay

Lewmar's Telescopic Stay features excellent lid positioning and rigid control. The stay allows hatch opening up to 95° – an advantage on smaller to mid size yachts where deck space is at a premium. See range specification tables for sizes.

### Retro Fit Telescopic Stay

Part Number	Description
360918999	Retro Fit Telescopic Stay



## Retro Fit Vent

The vent can be fitted to the acrylic lens of any Lewmar hatch or to the deck.

- Fits to hatch or deck
- Made from the same rugged composite used in many Lewmar hatch and winch parts
- Styled to match the Low and Medium Profile Hatches
- Captive bung to close ventilator – it cannot be lost
- Fits deck thickness up to 100mm
- CE Approved and leak tested
- No sealant required for hatch fitting



### New Retro Fit Vent

Part Number	Description
361041990	Vent Retro Fit Pack
361042992	Trim (Required for Deck Fitting)

## Retro Fit Lock & Key Kit

The retro fit lock and key kit can be fitted to any Lewmar Hatch by drilling a hole through the acrylic and riveting a catch block to the lower frame. The lock and key are marinated to prevent corrosion.

Part Number	Description
360259990	Lock and Key Kit



## Flyscreen Hinge

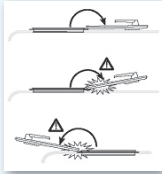
The Flyscreen Hinge makes it easier to quickly access the hatch handles when the flyscreen is in place. It is only necessary to undo two tabs, and the flyscreen will hinge down, not fall out. The flyscreen can be removed and stowed separately if required. Hinges are also available as retrofit items.

### Flyscreen Hinge Kits

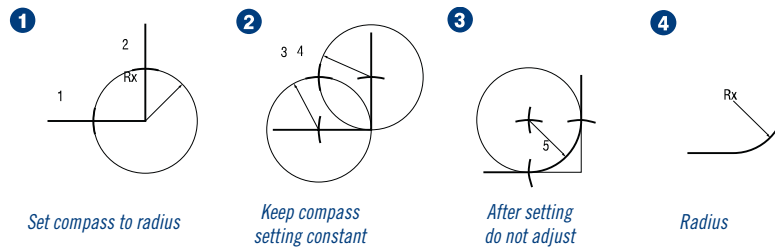
Part Number	Description
361196995	Hinge Kit - Ivory Trim
361196992	Hinge Kit - White Trim

# Hatch Fitting Guide

## Mark the Cut-Out

- Before marking up the hatch, cut out area to ensure it is being fitted to a flat surface (+/- 1mm).
- Ensure that the lid will be properly supported when fully open.
- Mark the cut-out dimensions of the hatch onto the deck (Figure 1). Remember, if a trim is being fitted it will be necessary to increase the cut-out by the amount stated. To mark up the hatch's corners, follow the "Using a compass to radius a corner" instructions below.
- Hold the hatch up to the marked-out dimensions to check accuracy.

### Using a Compass to Radius a corner.



## Cut and Drill

- Take care to avoid any power cables, gas pipes or other hazardous devices. Be sure to use the appropriate safety equipment such as electrical power breakers and safety glasses.
- Drill a hole for the jigsaw blade on the waste side of the cut line. Use a jigsaw to cut the aperture through the boat. It may be necessary to cut or to remove the headlining (Figure 2).
- Alternatively, a hole cutter that matches the corner radii may be used to cut the corners (Figure 3).
- Test fit the hatch before applying sealant. While the hatch is in place, mark the lower frame fixing holes (Figure 4).
- With the hatch removed from the deck, drill all fastening holes (Figure 5). The hinges should be through bolted while self-tapping screws can be used for fitting the remainder of the frame.

## Bed Down and Seal

- When you are entirely happy with the installation of the hatch, apply a generous bead of bedding compound all the way around the frame where it is in contact with the deck.
- Apply sealant to both sides of the fastening holes on the hatch frame (Figure 6). If replacing an existing hatch, fill any old fixing holes with sealant.
- Refit the hatch to the deck (Figure 7). Around the hatch frame, a small amount of bedding compound should be forced out of the gap between the frame and deck. Fasten the lower frame to the deck.
- The hatch should be bolted in the hinge areas while self-tapping screws can be used for fitting the remainder of the lower frame to the deck sheet (Figure 8). Clean up excess bedding compound.

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9





# Attractive, durable Lewmar Portlights.

Available in a range of sizes, Lewmar Portlights provide solutions for coastal and ocean power and sailboats in CE Areas 1&2. They can open at many angles, feature interior trim moldings and come in a range of frame color options so you can find the perfect match for your boat.

## Features

### Quick action handles

Portlight handles apply the correct pressure evenly onto the seal in the closed position. Portlight handles are unable to vibrate open when in the closed position.

### Friction Hinges

Lewmar's hinges provide a choice of open positions with no knobs, stays or straps. Hinges and other moving parts are corrosion-free.



Water Drainage - External frame design ensures water drains away, even when mounted on an angle. This prevents water from entering the boat upon opening the Portlight.

Standard and Atlantic Portlight inner and outer frames are made from aluminum extrusion and deep anodized for maximum corrosion resistance.

## Portlight Selection Guide

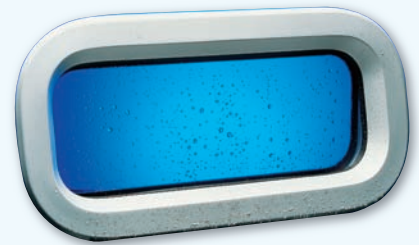
### Standard Portlight

- The Standard Portlight is fitted to thousands of boats throughout the world
- Aluminum outside frame
- Handles and hinges are fitted to the edge of the lens to allow clear visibility
- Quick-action handles
- ABS plastic inside trim can be cut to length
- Friction hinges hold the window open



### Atlantic Portlight

- Stronger aluminum outer frame with single welded joint
- Lens bonded into alloy frame for additional stiffness
- Metal handles
- Aluminum inside trim
- Small opening sizes (10, 30 & 32) CE Approved
- Friction hinges hold the window open



### Stainless Portlight

- Polished stainless outer frame with no joint
- Handles and hinges are fitted to the edge of the lens to allow clear visibility
- Quick-action handles
- ABS plastic inside trim can be cut to length
- Friction hinges hold the window open



# Stainless Portlight

With its highly polished stainless outer frame, the Stainless Portlight will really shine on your boat. The handles and hinge system were designed to leave the lens clear of obstructions, giving it an uncluttered view and a clean, modern look.

## Features

- ABS Plastic Trim
- Can be installed with sealant or closed cell PVC tape
- Easily fitted by clamping the cabin sides between the inner and outer frame with provided screws; simply fasten them into the outer frame
- Cut-out drawing for elliptical available on [www.lewmar.com](http://www.lewmar.com)
- Trim with clean styling



## Stainless Portlight Specifications

Part Number	Trim Size	Trim Color	Version	X		Y		Z		R		X1		Y1		R1		Acrylic Window Thickness			
				Length	Width	Length	Width	Height	Radii	Length	Width	Radii	Weight	Weight	mm	in					
393020262	0	White	Opening	176	6 15/16	323	12 11/16	4	3/16	62	2 7/16	156	6 1/8	303	12	52	2 1/16	1.5	3.3	10	3/8
393010262		White	Fixed																		
393120262	1	White	Opening	191	7 1/2	367	14 7/16	4	3/16	62	2 7/16	171	6 3/4	347	13 5/8	52	2 1/16	1.7	3.8	10	3/8
393110262		White	Fixed																		
393180262	1RE	White	Opening	191	7 1/2	367	14 7/16	4	3/16	95.5	3 3/4	171	6 3/4	347	13 5/8	85.5	3 3/16	1.7	3.74	10	3/8
393170262		White	Fixed																		
393780262	7RE	White	Opening	191	7 1/2	425	16 3/4	4	3/16	95.5	3 3/4	171	6 3/4	405	15 15/16	85.5	3 3/16	1.9	4.18	10	3/8
393770262		White	Fixed																		
393820862	8	Chrome	Opening	196	7 11/16	452	17 13/16	4	3/16	-	-	See drawing on website				1.9	4.18	10	3/8		
393810862		Chrome	Fixed																		

### NOTES FOR SIZES 0, 1, 1RE, 7RE & 8

- Maximum hull thickness 30mm.
- Minimum hull thickness 9mm.
- All portlights are supplied with M5 x 20 screws for hull thickness 12-17mm.

- Portlights should be fitted to a flat surface +/-1mm.
- Cut-out template (for Size 8 only) is available via [www.lewmar.com](http://www.lewmar.com)
- Complete with Flyscreen.

## Round Stainless Portlight Specifications

Part Number	Trim Color	Version	Overall Diameter		Weight	Acrylic Window Thickness		
			(Ø)	(Ø)		kg	lbs	mm
30133000	Chrome	Opening	250	See drawing on website	1.4	3	8	5/16

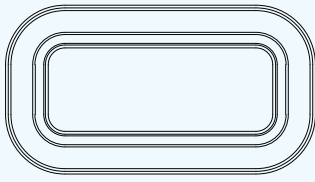
### NOTES FOR ROUND SIZE

- Minimum hull thickness 8mm.
- Maximum hull thickness 24mm.
- All portlights supplied with M5x12 fastenings.

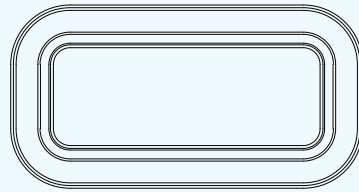
- Portlights should be fitted to a flat surface +/-1mm.
- No Flyscreen is available for the Round Stainless Portlight.



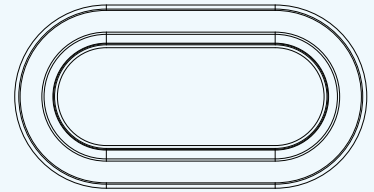
## Stainless Portlight Sizes



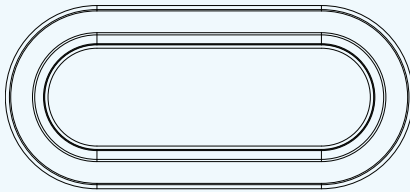
Size 0



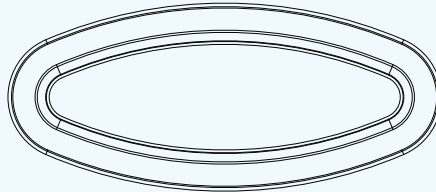
Size 1



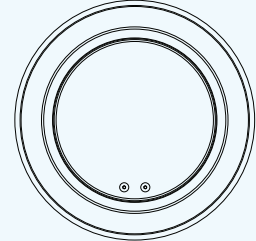
Size 1RE



Size 7RE

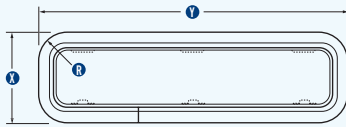


Size 8

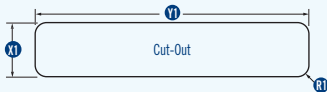


Size Round

## Stainless Portlight Dimensions



## Stainless Portlight Cut-Out



**CE Approved** Complies with the relevant parts of International Standards ISO/DIS 12216.2(E). This standard covers the applicable essential steady requirements of the Recreational Craft Directive 94/25/EC.

Size	Category A Area 2a Sail Boat	Category B Area 1 Power Boat
All Sizes	✓	✓

Note: Area 1 = Deck  
 Area 2a = Deck  
 Category A = "Ocean"  
 Category B = "Offshore"



# Standard Portlight

A perfect match for any hatch in the Lewmar range, the Standard Portlight is stylish, competitively priced and easy to both use and install.

## Features

- Extensive range
- Trim kits are included and provide a clean finish to any installation
- Flyscreens provided as standard
- Friction hinges
- Quick-action handles

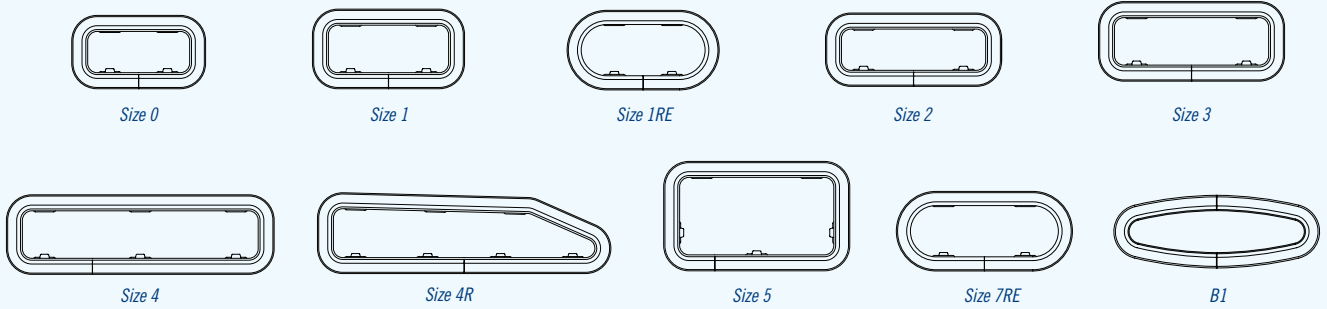


## Standard Portlight Specifications

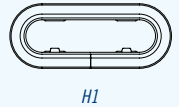
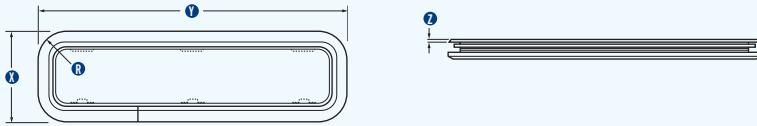
Part Number	Fixed/Opening Size	Trim Color	X		Y		Z		R		Cut-Out Width X1		Cut-Out Length Y1		Cut-Out Radii R1		Weight		Acrylic Window Thickness		
			mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lbs	mm
30154700	B1	Fixed	White	175	6 7/8	497	19 9/16	4	5/32	n/a	n/a	158	6 1/4	479	18 7/8	n/a	n/a	1.4	3.1	10	3/8
30130300	H1	Opening	White	155	6 1/8	390	15 3/8	4	5/32	77.5	3 1/16	135	5 5/16	370	14 9/16	67.5	2 11/16	1.4	3.1	8	5/16
393020200	0	Opening	White	176	6 15/16	323	12 11/16	4	5/32	62	2 7/16	156	6 1/8	303	11 15/16	52	2 1/16	1.1	2.42	8	5/16
393020500	0	Opening	Ivory	176	6 15/16	323	12 11/16	4	5/32	62	2 7/16	156	6 1/8	303	11 15/16	52	2 1/16	1.1	2.42	8	5/16
393120200	1	Opening	White	191	7 1/2	367	14 7/16	4	5/32	62	2 7/16	171	6 3/4	347	13 5/8	52	2 1/16	1.3	2.86	8	5/16
393120500	1	Opening	Ivory	191	7 1/2	367	14 7/16	4	5/32	62	2 7/16	171	6 3/4	347	13 5/8	52	2 1/16	1.3	2.86	8	5/16
393180200	1RE	Opening	White	191	7 1/2	367	14 7/16	4	5/32	95.5	3 3/4	171	6 3/4	347	13 5/8	85.5	3 3/8	1.3	2.86	8	5/16
393180500	1RE	Opening	Ivory	191	7 1/2	367	14 7/16	4	5/32	95.5	3 3/4	171	6 3/4	347	13 5/8	85.5	3 3/8	1.3	2.86	8	5/16
393220200	2	Opening	White	176	6 15/16	425	16 3/4	4	5/32	62	2 7/16	156	6 1/8	405	15 15/16	52	2 1/16	1.4	3.08	8	5/16
393220500	2	Opening	Ivory	176	6 15/16	425	16 3/4	4	5/32	62	2 7/16	156	6 1/8	405	15 15/16	52	2 1/16	1.4	3.08	8	5/16
393320200	3	Opening	White	191	7 1/2	449	17 11/16	4	5/32	62	2 7/16	171	6 3/4	429	16 7/8	52	2 1/16	1.7	3.74	10	3/8
393320500	3	Opening	Ivory	191	7 1/2	449	17 11/16	4	5/32	62	2 7/16	171	6 3/4	429	16 7/8	52	2 1/16	1.7	3.74	10	3/8
393420200	4	Opening	White	191	7 1/2	646	25 7/16	4	5/32	62	2 7/16	171	6 3/4	627	24 11/16	52	2 1/16	2.4	5.28	8	5/16
393420500	4	Opening	Ivory	191	7 1/2	646	25 7/16	4	5/32	62	2 7/16	171	6 3/4	627	24 11/16	52	2 1/16	2.4	5.28	8	5/16
393440200*	4R	Opening	White	195	7 11/16	708	27 7/8	4	5/32	62	2 7/16	175	6 7/8	688	27 1/16	52	2 1/16	2.4	5.28	8	5/16
393440500*	4R	Opening	Ivory	195	7 11/16	708	27 7/8	4	5/32	62	2 7/16	175	6 7/8	688	27 1/16	52	2 1/16	2.4	5.28	8	5/16
393460200*	4L	Opening	White	195	7 11/16	708	27 7/8	4	5/32	62	2 7/16	175	6 7/8	688	27 1/16	52	2 1/16	2.4	5.28	8	5/16
393460500*	4L	Opening	Ivory	195	7 11/16	708	27 7/8	4	5/32	62	2 7/16	175	6 7/8	688	27 1/16	52	2 1/16	2.4	5.28	8	5/16
393520200*	5	Opening	White	264	10 3/8	449	17 11/16	4	5/32	62	2 7/16	244	9 5/8	429	16 7/8	52	2 1/16	2.3	5.15	10	3/8
393520500*	5	Opening	Ivory	264	10 3/8	449	17 11/16	4	5/32	62	2 7/16	244	9 5/8	429	16 7/8	52	2 1/16	2.3	5.15	10	3/8
393780200	7RE	Opening	White	191	7 1/2	425	16 3/4	4	5/32	95.5	3 3/4	171	6 3/4	405	15 15/16	85.5	3 6/16	2.4	5.28	8	5/16
393780500	7RE	Opening	Ivory	191	7 1/2	425	16 3/4	4	5/32	95.5	3 3/4	171	6 3/4	405	15 15/16	85.5	3 6/16	2.4	5.28	8	5/16

- Portlights should be fitted to a flat surface with a maximum tolerance of  $\pm 1\text{mm}$ .
- Maximum hull thickness 34mm (1 3/8 in), minimum hull thickness 7mm (1/4in).
- Acrylic color is Smoke Grey.
- All Portlights are supplied complete with 12 off M5 25mm screws (hull thickness 17-25mm).
- Part numbers marked with \* are made to order. See Lewmar.com for more information.

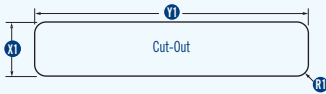
## Standard Portlight Sizes



## Standard Portlight Dimensions



## Standard Portlight Cut-Out



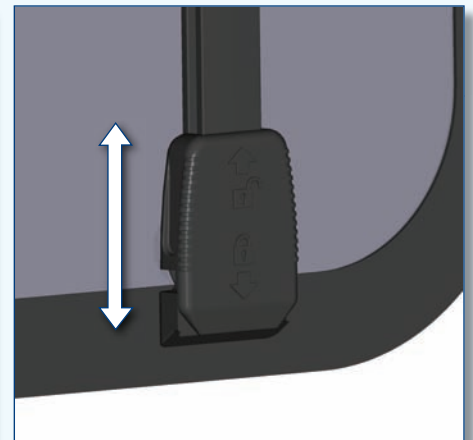
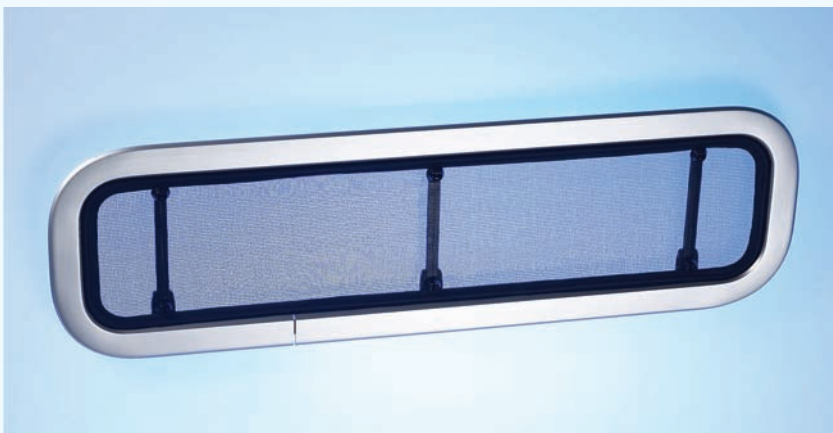
**CE Approved** Complies with the relevant parts of International Standards ISO/DIS 12216.2(E). This standard covers the applicable essential steady requirements of the Recreational Craft Directive 94/25/EC.

Size	Area 2a
All Sizes	✓

Note: Area 2a = Deck

## New Portlight Flyscreen

In late 2008 Lewmar portlights will start shipping with a new flyscreen. The screen is easily fitted and firmly held in place by sliding clips. The new screen will work on existing portlight models - see page 70 for part numbers to buy the screen only.





# Atlantic Portlight

The Atlantic Portlight has clean lines and a clear, acrylic window housed in an attractive aluminum frame.

## Features

- Extensive range
- Flyscreens provided as standard
- Friction hinges
- Quick-action handles



## Atlantic Portlight Specifications

Part No.	Overall Size				Cut-Out Length	Cut-Out Width	Cut-Out Radii	Hatch Weight	Acrylic Window Thickness
	with Thin Valance	with Thick Valance	Size	Version					
39110090	39110070*	10	Opening	Length mm in	Width mm in	Height mm in	Radii mm in	kg lb	mm in
39130090	39130070	30	Opening	200 7 7/8	400 15 3/4	6 1/4	71 2 13/16	2.2 4.8	8 5/16
39132090	39132070*	32	Opening	200 7 7/8	400 15 3/4	6 1/4	100 3 15/16	2.1 4.6	8 5/16
39140090*	39140070	40	Opening	200 7 7/8	480 18 7/8	6 1/4	71 2 13/16	2.5 5.5	8 5/16
39160090*	39160070*	60	Opening	200 7 7/8	600 23 3/8	6 1/4	71 2 13/16	3.0 6.6	8 5/16

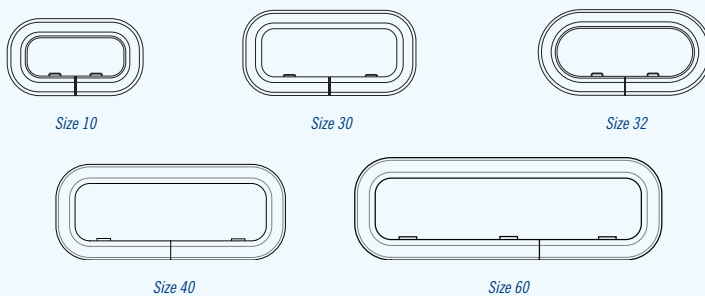
- Smoke grey acrylic and silver anodized frames.
- Portlights and fixed lights should be fitted to a flat surface with maximum tolerance  $\pm 1\text{mm}$ .
- Part numbers marked with \* are made to order.

- Portlight opening is restricted on very thick hulls.
- At 24mm hull thickness opening angle is  $115^\circ$ .

## Atlantic Portlight Dimensions



## Atlantic Portlight Sizes



## Portlight Valance & Fastening Required

Hull Thickness mm	Valance Type	Fastening
8-10	Thin Hull Valance	360360999* M5 x 12mm Long
11-15		360361999 M5 x 16mm Long
16-19	Thick Hull Valance	360362999 M5 x 20mm Long
20-24		360363999† M5 x 25mm Long

\* Supplied as standard with thin hull valances  
 † Supplied as standard with thick hull valances  
 Fastenings supplied in bags of 100

**CE Approved** Complies with the relevant parts of International Standards ISO/DIS12216:2002. This standard covers the applicable essential safety requirements on the Recreational Craft Directive 95/25/EC.

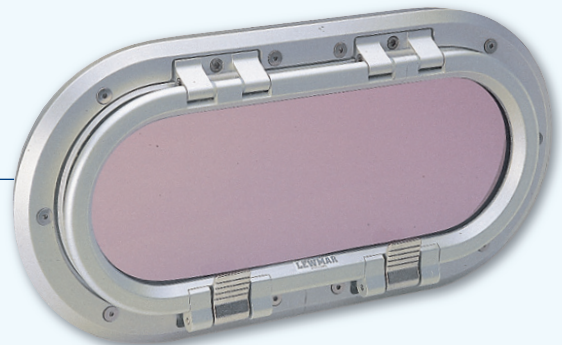
Size	Area 1	Area 2
Opening 10 to 32	✓	✓
Opening 40 to 64		✓

Note: Area 1 = Hull above waterline  
 Area 2 = Deck, Coachroof, Cockpit and Transom



### Atlantic Interior

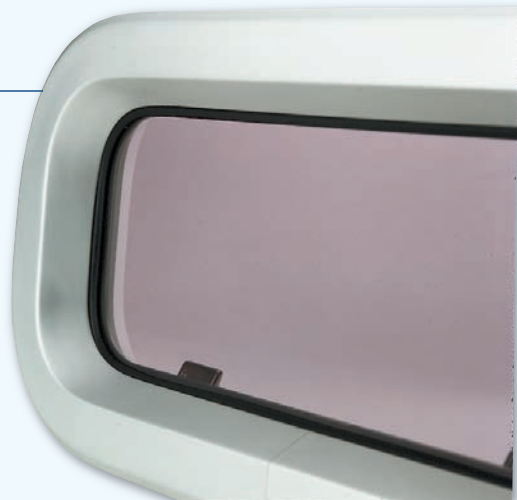
Showing framed window and valance.



### Water Drainage

The portlight outside frame is designed to allow water to drain away even when mounted on an angled coachroof side, preventing water from entering the boat when opening the portlight.

Fixed versions are also available on [Lewmar.com](http://Lewmar.com)



# Portlight Accessories

## Standard Portlight Clip Flyscreens *(new)*

Part Number	Size	Description
367302936	0	Size 0
367312936	1	Size 1
367318936	1RE	Size 1RE
367322936	2	Size 2
367332936	3	Size 3
367342936	4	Size 4
367346936	4L	Size 4L (46)
367344936	4R	Size 4R (44)
367352936	5	Size 5
367378936	7RE	Size 7RE

## Atlantic Portlight Clip Flyscreens

Part Number	Size	Description
367110936	10	Size 10
367130936	30	Size 30
367132936	32	Size 32
367140936	40	Size 40
367160936	60	Size 60

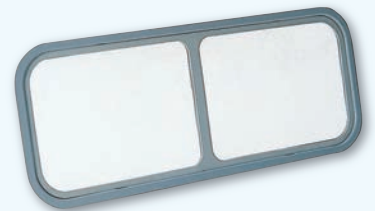


## Standard Portlight Plastic Flyscreens

Part Number	Description
367302916	Flyscreen Size 0
367312916	Flyscreen Size 1
367318916	Flyscreen Size 1RE
367322916	Flyscreen Size 2
367332916	Flyscreen Size 3
367342916	Flyscreen Size 4
367352916	Flyscreen Size 5
367378916	Flyscreen Size 7RE

## Atlantic Portlight Plastic Flyscreens

Part Number	Description
367110916	Flyscreen Size 10
367130916	Flyscreen Size 30
367132916	Flyscreen Size 32
367140916	Flyscreen Size 40
367160916	Flyscreen Size 60



## Stainless Portlight Flyscreens

Part Number	Description
367302966	Flyscreen Size 0
367312966	Flyscreen Size 1
367318966	Flyscreen Size 1RE
367378966	Flyscreen Size 7RE
367382966	Flyscreen Size 8 Elliptical

## Standard & Stainless Portlight Fastenings

Part Number	Screw Size	Hull Thickness (mm)			
		Standard		Stainless	
		Min	Max	Min	Max
19899000	M5 x 12	7	9	7	9
19899100	M5 x 16	8	13	8	13
19899200	M5 x 20	12	17	12	17
19899300	M5 x 25	17	22	17	22
19899400	M5 x 30	22	27	22	27
19899500	M5 x 35	27	32	27	32
19899600	M5 x 40	32	34	32	37

Note: screws supplied in quantities of 100.



# Portlight Fitting Guide

## Mark the Cut-Out

- Make a cut-out template or mark the deck using the method shown on page 61. Portlights should be fitted to a flat surface (+/- 1mm). Tape the template to the boat and mark the cut line (Figure 1).

## Cut and Drill

- Take care to avoid any power cables, gas pipes or other hazardous devices.
- Please ensure that you use the appropriate safety equipment such as electrical power breakers and safety glasses.
- Drill a hole for the jigsaw blade on the waste side of the cut line (Figure 2).
- Use the jigsaw to cut the aperture through the boat (Figure 3).
- It may be necessary to cut or remove the headlining.
- Portlights are fitted by clamping the outer frame against the deck using the inner frame inside the boat (Figure 4).
- Test fit the portlight and clamp ring before applying sealant (Figure 5).

## Bed Down and Seal

- If you are replacing an old portlight, fill any old fixing holes with sealant.
- When you are entirely happy with the installation of the portlight, remove and set it aside. Apply a generous bead of bedding compound all the way around the frame where it is in contact with the deck (Figure 6).
- Refit the portlight to the boat. A small amount of bedding compound should be forced out of the gap between the frame and the deck the whole way around the frame (Figure 7).
- Clamp the outer frame to the inner frame with the fixings enclosed (Figure 8). Ensure the fixing threads are greased.
- Clean up the excess bedding compound.
- Portlight installation finished (Figure 9).

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8

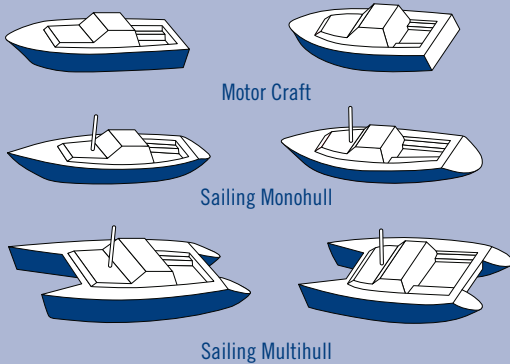


Figure 9



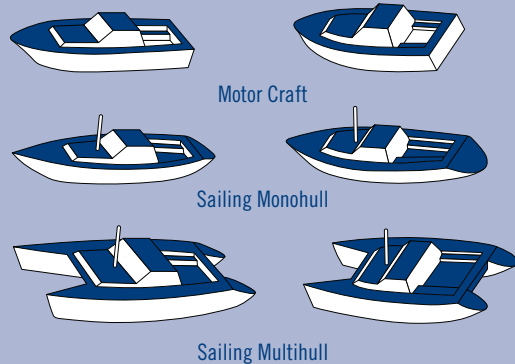
# CE Areas

## CE Area 1



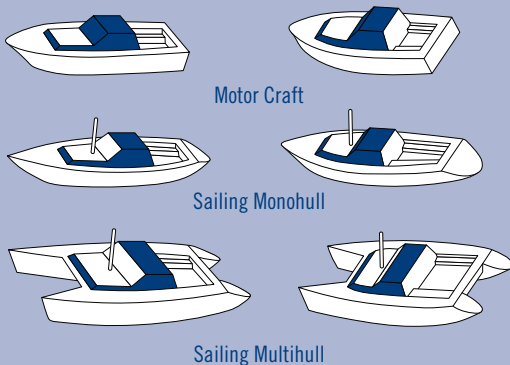
Area 1:  
Part of the hull sides situated above the waterline.

## CE Area 2



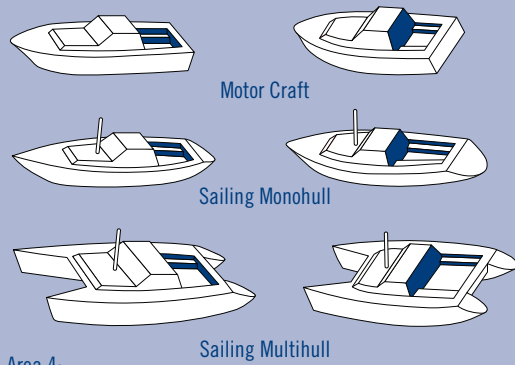
Area 2:  
Any Area other than Area 1 where persons are liable to walk or step.

## CE Area 3



Area 3:  
Any Area other than Area 1 or 2. For example, superstructures.

## CE Area 4



Area 4:  
Parts of Area 3 protected from the direct impact of sea or slamming waves. For example cockpit sides and rear faces of superstructures.

For more details on the CE Regulations, please refer to the recreational craft directive 94/25/EC.

## CE Approval

The CE Regulations apply to craft up to 24m in length that are sold in the European Union. Although the regulations may not apply to your boat, they are a useful guide for small craft throughout the world.

Lewmar warranties are invalid if the product is installed in an area where it was not intended, and if the installation fails to meet the requirements of the CE regulations.

The Regulations have Design Categories for boats based on their intended usage and propulsion (sail or power). All Lewmar hatches and portlights are for Design Category A (Ocean Sailing) or Design Category B (Offshore Sailing). Boats built to the CE Regulations are fitted with a plate showing the Design Category.

The Regulations divide up the hull and deck into four specific "Areas." A product that is suitable for fitting to an area for which it is approved is suitable for all the areas below its category. For example, a portlight that is approved for Area 2 may also be fitted to Areas 3 and 4, but not Area 1.

All the hatches and portlights in this publication are CE Approved for the areas indicated on the product pages.

NB: For craft with a freeboard greater than  $\frac{1}{12}$  of its overall length, a different upper limit applies to Area 1. Please refer to the recreational craft directive 94/25/EC.

## Hatches

Product	Sizes	Design Category	Area
Flush Hatch	All	A - Sail & Power	2
Low Profile	All	A - Sail & Power	2
Medium Profile	All	A - Sail & Power	2
Ocean	All	A - Sail & Power	2
Pilot	All	A - Sail & Power	3

## Portlights

Product	Sizes	Design Category	Area
Stainless	All	B - Power	1
Stainless	All	A - Sail & Power	2
Standard	All	A - Sail & Power	2
Atlantic	10 to 32	A - Sail & Power	1
Atlantic	40 & 60	A - Sail & Power	2

# Distributor List



## Argentina

### North Sails Sud Argentina

Del Arca 59  
1646 San Fernando, Buenos Aires - Argentina  
**tel:** +54 11 4725 0200  
**fax:** +54 11 4746 7561  
**web:** www.northsailsudsudamerica.com



## Australia

### Barlow Distributors (Australia) Pty Ltd

177 Phillip Street, Redfern NSW, 2016 Australia  
**tel:** + 61 29 318 2128  
**email:** barlow@hotmail.net.au

### Harrold Marine Wholesale Pty Ltd

Unit 3/19 Success Street, Acacia Ridge, Brisbane, Queensland, 4110 Australia  
**tel:** +61 73 277 6563  
**fax:** +61 73 277 6567  
**email:** hmw@optusnet.com.au

### JPW (Aust) Pty Ltd

Unit 3, 51 Division Street  
Welshpool, Western Australia, 6106 Australia  
**tel:** +61 89 351 9266  
**fax:** +61 89 351 9266  
**email:** ghunter@jpwmarine.com.au



## Austria

### Alltechnik GmbH

Rheinboldtstrasse 11-13  
A 2362 Biedermannsdorf  
Bei Wien, Austria  
**tel:** +43 2236 6467 60  
**fax:** +43 2236 64676 76  
**email:** office@allroundmarin.com  
**web:** www.allroundmarin.com



## Brazil

### Sailing Products

Avenida das Americas, 500 BL 11/207 Downtown  
Barra, CEP 22640-100  
Rio De Janeiro, Brazil  
**tel:** +55 2131549990  
**fax:** +55 2124947223  
**email:** sailing@sailing.com.br  
**web:** www.sailing.com.br



## Bulgaria

### Yacht Shop Bulgaria (Transcommerce)

Passenger Terminal, 2 Floor  
Port Varna, Bulgaria  
**tel:** +359 52 69 22 99  
**email:** info@LYyachting.com  
**web:** www.LZyachting.com



## Canada

### Payne's Marine Group

2120 Quadra Street  
Victoria, BC V8T 4B9, Canada  
**tel:** +250 382 7722  
**fax:** +250 382 4043  
**email:** sales@paynesmarine.com  
**web:** www.paynesmarine.com

## Payne's Marine Group

2360 Industrial Street  
Burlington, Ontario L7P 1A1, Canada  
**tel:** +905 332 8291  
**fax:** +905 332 0557  
**email:** sales@paynesmarine.com  
**web:** www.paynesmarine.com



## Canary Islands

### Rolnautic S.L.

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Las Pamas De Grand Canarias 35008, Canary Islands  
**tel:** +34 928296811  
**fax:** +34 9282300344  
**email:** jcrodriguez@rolnautic.com



## Chile

### Winncorp LTDA

Tobalaba 1781, Providencia, Santiago, Chile  
**tel:** +011 56 221 26494  
**fax:** +011 56 224 67168



## Croatia

### Maritima d.o.o.

Put Sepurine 1  
22203 Rogoznica, Croatia  
**tel:** +385 (0) 22 558 130  
**fax:** +385 (0) 22 558 131  
**email:** info@nautical-equipment.com  
**web:** www.nautical-equipment.com



## Czech Republic

### Avar Yacht

Areal ZD Veverske Kninice  
664 81 Ostrovacice, Czech Republic  
**tel:** +420 546 428015  
**fax:** +420 546 428075  
**email:** yacht@avaryacht.cz  
**web:** www.avaryacht.cz



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Bakkegardsvej 406  
DK-3050 Humlebaek, Denmark  
**tel:** +45 39 18 44 00  
**fax:** +45 39 27 17 00  
**email:** info@seldenmast.dk  
**web:** www.seldenmast.dk



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### Oy Maritim

PO Box 46, Veneentekijäntie 1  
Helsinki 210, Finland  
**tel:** +358 (0)207 65180  
**fax:** +358 (0)207 652942  
**email:** maritim@maritim.fi  
**web:** www.maritim.fi



## France

### Accastillage Bernard

880 Avenue St Exuperie, 6210, Mandelieu, France  
**tel:** +33 4 93 90 47 47  
**fax:** +33 4 93 90 47 53  
**email:** contact@accastillage-bernard.fr  
**web:** www.accastillage-bernard.com

### Technique Distribution

Z.A. De Kermaquer, 56470, La Trinité Sur Mer, France  
**tel:** +33 297557256  
**fax:** +33 297557258  
**email:** contact@technique-greement.com



## Germany

### Lankhorst/Hohorst GmbH

Bonifatiusstrasse 411, D 48432 Rheine, Germany  
**tel:** +49 59 719707  
**fax:** +49 59 716064  
**email:** info@lankhorst-hohorst.de  
**web:** www.lankhorst-hohorst.de



## Gibraltar

### M Sheppard & Co Ltd

Waterport Wharf, PO Box 899, Gibraltar  
**tel:** +350 75148  
**fax:** +350 42535  
**email:** admin@sheppard.gi  
**web:** www.sheppard.gi



## Greece

### Nautilus Ltd

Posidonos Av 33/, Metamorfoseos Str 2, Alimos  
Athens 17455, Greece  
**tel:** +30 210 9854238  
**fax:** +30 210 9849 444  
**email:** info@nautilus.gr  
**web:** www.nautilus.gr



## Hong Kong

### Piercey Marine

93 Che Keng Tuk Road, Sai Kung, Hong Kong  
**tel:** +(852) 27914106  
**fax:** +(852) 27914124  
**email:** pmltd@netnavigator.com



## Hungary

### Hullam 04 KFT

8220 Balatonalmadi, Füzfői ut 9, Hungary  
**Tel** +36 88 432 897  
**Fax** +36 88 432 897  
**info@fukeyacht.hu**  
**www.fukeyacht.hu**



## Ireland

### Western Marine

Bulloch Harbour, Dalkey  
Co Dublin, Ireland  
**tel:** +353 01 2800321  
**fax:** +353 01 2800327  
**email:** marine@iol.ie



# Distributor List



## Israel

### Atlantis Marine Ltd

147, Kikar Atarim, 169 Hayarkon Street  
Tel Aviv, 63453, Israel  
tel: +972 3 522 7978  
fax: +972 3 523 5150  
email: atlantis@inter.net.il  
web: www.atlantis-marine.co.il



## Italy

### Osculati Spa

via Pacinotti, 12  
20090 Segrate (Milano), Italy  
tel: +39 02 2699 111  
fax: +39 02 26991120  
email: info@osculati.it  
web: www.osculati.com



## Japan

### ISCO/Industrial Suppliers Co Ltd SA

NAC Minato Building 2F  
2-1-24 Kaigan, Minato-ku, Tokyo, 105-0022, Japan  
tel: +81 3 5443 8231/8234  
fax: +81 3 5443 8240/8241  
email: sales@isco.co.jp  
web: www.isco.co.jp

### Nakamura Sengu Kogyo Co Ltd

6-15 Nagata-Higashi 3 Chome  
Minami-Ku, Yokohama, 232, Japan  
tel: +81 4 5713 5481  
fax: +81 4 5713 8373  
email: nakasen@marinevance.com



## Kuwait

### Seas & Deserts

Amiry Trade Centre, Shuwaikh Bank Street  
PO Box 110, Safat 13002, Kuwait  
tel: +965 4 849 212  
fax: +965 4 845 346  
email: sales@seadesert.com  
web: www.seadesert.com



## Malta

### Gauci Borda & Co Ltd

53 Msida Road, Gzira, GZR 03, Malta  
tel: +356 21313758  
fax: +356 2134 3604  
email: info@gauciborda.com  
web: www.gauciborda.com



## Martinique

### Caraibes Greement

Boulevard Allegre  
97290 Le Marin, Martinique  
tel: +596 74 80 33  
fax: +596 74 66 98  
email: cgmar@wanadoo.fr



## Netherlands

### Lankhorst Taselaar Bv

Binnenhavenweg 31. 8211 AA  
Lelystad, Netherlands  
tel: +31 320 274611  
fax: +31 320 231912  
email: info@lankhorst-taselaar.nl  
web: www.lankhorsttaselaar.nl



## New Zealand

### Kiwi Yachting Consultants Ltd

15 Westmoreland St West, Grey Lynn  
Auckland, New Zealand  
tel: +64 (0)9 360 0300  
fax: +64 (0)9 360 0302  
email: sales@kiwiyachting.co.nz  
web: www.kiwiyachting.co.NZ



## Norway

### Leif H Strom A/S

Hasleveien 15, N-0571, Oslo, Norway  
tel: +47 23 23 39 70  
fax: +47 23 23 39 71  
email: mail@stroem.no  
web: www.stroem.No



## Poland

### Aura

Ul Przechylna 13, 70-800 Szczecin, Poland  
tel: +48 91 4613992  
fax: +48 91 4613741  
email: michal@aura.szczecin.pl  
web: www.aura.szczecin.pl



## Portugal

### Grupo Euronete

Lugar do Rio, Nogueira da Maia  
PO Box 1029, 4471-909 Maia, Portugal  
tel: +351 229619200  
fax: +351 229605757



## Russia

### 000 Moreman

19, building 2  
Gamalei street Moscow, 123098, Russia  
tel: +7 495 1013362  
fax: +7 499 1937111  
email: info@moreman.ru  
web: www.moreman.ru



## Singapore

### Alquest Marketing

66, Tannery Lane, #02-06B Sindo Building  
347805, Singapore  
tel: +65 6749 9359  
fax: +65 6749 9360  
email: jason@alquest.com.sg  
web: www.alquest.com.sg



## Slovenia

### Seawave Marine D.O.O

Alpska Cesta 0043, 4248 Lesce, Slovenia  
tel: +386 (0)4 5302 444  
fax: +386 (0)4 5302 440  
email: info@seawave-marine.si  
web: www.seawave-marine.si



## South Africa

### Central Boating

85 Bree Street  
Cape Town, 8001, South Africa  
tel: +27 21 424 8026  
fax: +27 21 424 2564  
email: info@centralboating.co.za  
web: www.centralboating.co.za



## Spain

### Acastillaje Synera SL

Passeig Joan de Borbós, 92, 08039  
Barcelona, Spain  
tel: +34 93 225 49 34  
fax: +34 93 225 19 49  
email: info@sinerarigging.com  
web: www.sinerarigging.com



## Sweden

### Navship AB

Box 37, SE-427 21 Billdal, Sweden  
tel: +46 31 93 96 00  
fax: +46 31 91 45 56  
email: info@navship.se  
web: www.navship.se



## Switzerland

### Bucher + Walt SA

Route de Soleure 8, CH 2072 St Blaise, Switzerland  
tel: +41 327 559500  
fax: +41 327 559530  
email: info@bucher-walt.ch  
web: www.bucher-walt.ch



## Taiwan

### Marineware

2fl, No.172, Section 1 Ling Mi Road, Pali Shiang 249,  
Taipei County, Taiwan  
tel: +886 22618 8342



## Thailand

### Phuketsail

3/2-4 Moo 5, Koh Keaw, Phuket City,  
Phuket, 83200, Thailand  
tel: +66 76 377542  
fax: +66 76 238494  
email: ecommerce@phuleksail.com  
web: www.phuketsail.com

# Distributor List



## Turkey

### Kaptan Denizcilik Ticaret A.S.

Ahmet Mithat Efendi Cad 13/1,81030 Kalamis  
Istanbul, Turkey

tel: +90 216 337 2000

fax: +90 216 348 2999

email: info@kaptandenizcilik.com

web: www.kaptandenizcilik.com



## United Arab Emirates

### Delma Industrial Supply & Marine Service

P.O. Box 53382

Abu Dhabi, UAE

tel: +971 2 6668153

fax: +971 2 6668154

email: disms@emirates.net.ae

### Duboats Trading Llc

PO Box 53793

City Tower 2 Sheikh Zayed Road,  
10th Floor, Office 1002

Dubai, UAE

tel: +971 04 332 7771

fax: +971 04 332 2456

email: c.vanek@duboats.com



## United Kingdom

### Bainbridge International Ltd

8 Flanders Park, Hedge End  
Southampton, Hampshire, SO30 2FZ

tel: +44 (0)1489 776000

fax: +44 (0)1489 776048

email: info@bainbridgeint.co.uk

web: www.bainbridgeint.com

## Whitlock South

17 Hollybank Lane,  
Emsworth Hants, PO10 7UD

tel: +44 (0) 1243 430050

email: enquiries@winchservicing.com

web: www.winchservicing.com



## USA

### Lewmar

351 New Whitfield Street, Guilford, CT, 06437, USA

tel: +1 203 458 6200

fax: +1 203 453 5669

email: info@lewmarusa.com

For a complete list US distributors please visit:

<http://www.lewmar.com/usa/distributors.htm>



## Venezuela

### Intermarine

AV Intecomunal De Guatire

Cruse Con C, La Arenera, Venezuela

tel: +58 0212 344 16 77

fax: +58 0212 344 14 23

web: www.intermarine.com.ve

## Caribbean

### Antigua Rigging

Falmouth Harbor, Antigua

tel: +268 562 1294

fax: +268 463 8575

email: info@antiguarigging.com

web: www.antiguarigging.com

## Budget Marine

Western Main Road, Chaguaramas, Trinidad

tel: +1 904-477-8011

email: sales@budmar.an

web: www.budmar.an

## Caraibes Greement

2 Porte de la Marina, 97110 Pointe A Pitre

Guadeloupe, Guadeloupe

tel: +590 908201

fax: +590 909750

email: caraibe.greement@wanadoo.fr

## FKG Marine Rigging & Fabrication NV

Postal Address: PO Box 5011, Philipsburg, St Maarten

Physical Address: 37 Wellington Road, Cole Bay,  
St. Maarten, Netherlands Antille

tel: +599 544 4733

mobile: +599 557 8502

fax: +599 544 2171

email: info@fkg-marine-rigging.com

web: www.fkg-marine-rigging.com

## Island Rigging and Hydraulics

8186 Sub Base Road, Suite 4

St. Thomas, USVI, 00802

tel: 011-340-774-6833

fax: 011-340-774-5024

email: islrig@viaccess.net

## Martinez Marine Service

Puerto del Rey Marina Suite #103

Highway #3, Km 51.4

Fajardo, PR, 00738

tel: (787) 863-4646

fax: (787) 272-8172

web: www.martinezmachine.com



# Part Number List

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# Limited Warranty and Key Terms of Supply by Lewmar

Lewmar warrants that in normal private pleasure boat usage and with proper maintenance its products will conform with their specification for a period of three years from the date of purchase by the end user, subject to the conditions, limitations and exceptions listed below. Any product, which proves to be defective in normal usage during that three-year period, will be repaired or, at Lewmar's option, replaced by Lewmar.

## A CONDITIONS AND LIMITATIONS

- i Lewmar's liability shall be limited to the repair or replacement of any parts of the product which are defective in materials or workmanship.
- ii Responsibility for the selection of products appropriate for the use intended by the Buyer shall rest solely with the Buyer and Lewmar accepts no responsibility for any such selection.
- iii Lewmar shall not be liable in any way for Product failure, or any resulting loss or damage that arises from:
  - a. use of a product in an application for which it was not designed or intended;
  - b. corrosion, ultra violet degradation or wear and tear;
  - c. a failure to service or maintain the product in accordance with Lewmar's recommendations;
  - d. faulty or deficient installation of the product (unless conducted by Lewmar);
  - e. any modification or alteration of the product;
  - f. conditions that exceed the product's performance specifications or safe working loads.
  - g. Abuse
- iv Product subject to a warranty claim must be returned to the Lewmar outlet that supplied the product for examination unless otherwise approved by Lewmar in writing.
- v This warranty does not cover any incidental costs incurred for the investigation, removal, carriage, transport or installation of product.
- vi Service by anyone other than authorized Lewmar representatives shall void this warranty unless it accords with Lewmar guidelines and standards of workmanship.

vii Lewmar's products are intended for use only in the marine environment. Buyers intending to use them for any other purpose should seek independent professional advice as to their suitability. Lewmar accepts no liability arising from such other use.

## B EXCEPTIONS

Cover under this Warranty is limited to a period of one year from the date of purchase by the end user in the case of any of the following products or parts of products:

- Electric motors and associated electrical equipment
- Electronic controls
- Hydraulic pumps, valves and actuators
- Hatch & Portlight weather seals
- Products used in "Grand Prix" racing applications
- Products used in commercial or charter applications
- Anchor rodes

## C LIABILITY

- i Lewmar's liability under this warranty shall be to the exclusion of all other warranties or liabilities (to the extent permitted by law). In particular (but without limitation):
  - a. Lewmar shall not be liable for:
    - Any loss of anticipated turnover or profit or indirect, consequential or economic loss;
    - Damages, costs or expenses payable to any third party;
    - Any damage to yachts or equipment;
    - Death or personal Injury (unless caused by Lewmar's negligence).

Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

- b. Lewmar grants no other warranties regarding the fitness for purpose, use, nature or satisfactory quality of the products.
- ii Where applicable law does not permit a statutory or implied warranty to be excluded, then such warranty, if permitted by that state or country's law, shall be limited to a period of one year from

the date of purchase by the end user. Some states and countries do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you.

## D PROCEDURE

Notice of a claim for service under this warranty shall be made promptly and in writing by the end user to the Lewmar outlet that supplied the product or to Lewmar Limited at Southmoor Lane, Havant, Hampshire PO9 1JJ, England.

## E SEVERANCE CLAUSE

If any clause of this warranty is held by any court or other competent authority to be invalid or unenforceable in whole or in part, the validity of the remaining clauses of this warranty and the remainder of the clause in question shall not be affected.

## F OTHER RIGHTS

This warranty gives you specific legal rights, and you may also have other legal rights, which vary from state to state and country to country.

In the case of European States a Consumer customer (as defined nationally) has legal rights under the applicable national law governing the sale of Consumer Goods; this Warranty does not affect those rights.

## G LAW

This warranty shall be governed by and read in accordance with the laws of England or the state or country in which the first end user is domiciled at the time of purchase of the product.

## H DISPUTES

Any dispute arising under this warranty may, at the option of the end-user, be referred to alternative dispute resolution under the rules of the British Marine Federation or to the Courts of the State whose law shall govern the warranty or to the Courts of England and Wales.

The British Marine Federation may be contacted at Marine House, Thorpe Lea Road, Egham, England, TW20 8BF



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