

## VETUS GLAZING PRODUCTS

VETUS has produced glazing products for over 50 years. Over these years we have gained a huge amount of knowledge and experience, giving us the ability to offer the best quality at the most competitive price. To maintain this leadership position we are constantly monitoring and improving the production processes.

Whether you need a windscreen wiper system, a flush hatch or a custom window, our dedicated glazing team will be there to provide you with solid advice and excellent after-sales service.



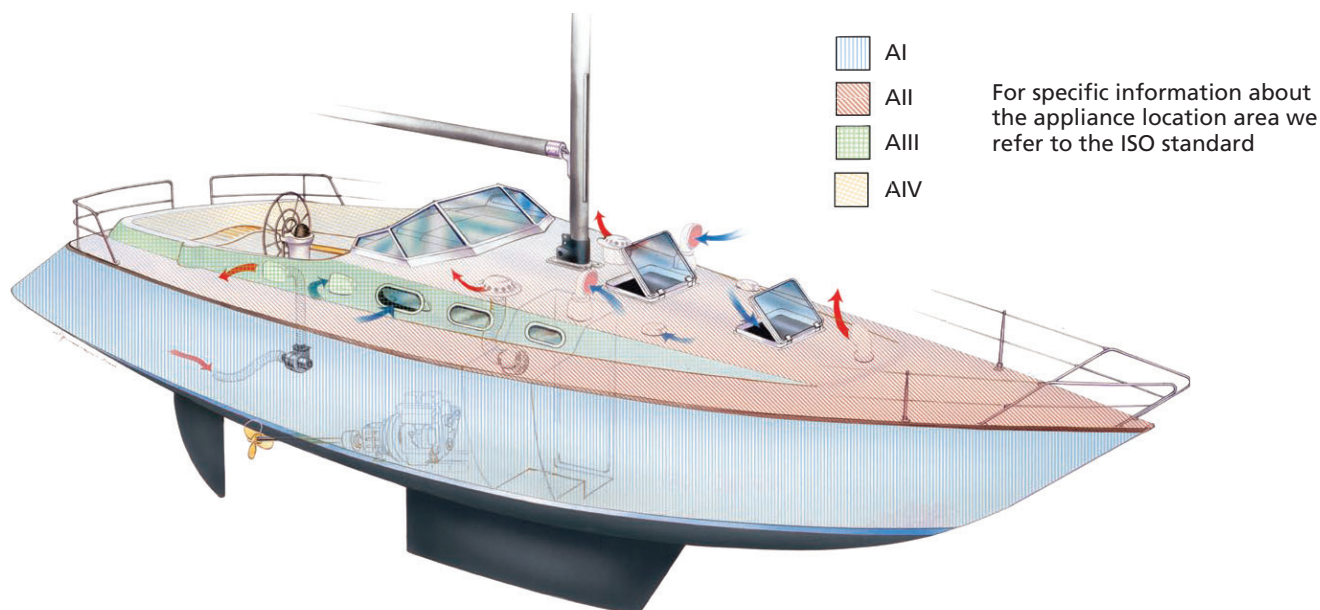
### Why use VETUS glazing products?

- We provide a complete solution to all your marine glazing requests
- Competitive price/quality ratio
- We offer a wide range of standard and custom made windows, portholes and hatches
- All portholes are delivered with a mosquito screen as a standard
- High quality marine wipers featuring a powerful electric motor and separate worm wheel transmission
- Uniform appearance of all glazing components
- All hatches and portholes are CE marked in accordance with the Recreational Craft Directive
- All windows, windscreens, doors and cabin entries have been tested according to ISO 12216



## CE MARKING

By affixing the CE marking to our products we declare that our products are in conformity with the applicable directives; such as for example the Recreational Craft Directive. Specific requirements for windows, portlights, hatches, deadlights and doors are given in ISO 12216. Naturally our complete range of glazing products comply with this standard. The criteria to be met depend on the design category (A, B, C or D) of the boat and on the area where the port, hatch etc. must be installed in the boat. There is always a VETUS product that is tested and certified to suit your situation. If you require advice about the correct product to choose, please contact VETUS or your VETUS dealer.



## PORTHOLES

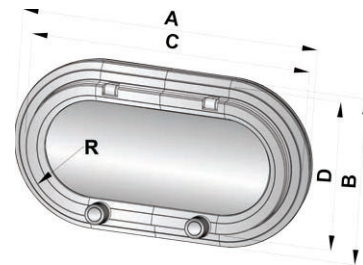
### Portholes (AI)

#### Heavy duty portholes

These portholes are suitable for use in the hull side. The 10 mm 'smoke' coloured opening pane is set in a satin anodised aluminium frame. Black or white powder coated frames are optional. The clamp fixing ensures that no fasteners are visible from either inside or outside. The portholes can be held open in any position due to the friction type hinges. In the closed position knobs ensure complete water tightness. The porthole can be fitted in a surface with a minimum thickness of 2 mm and a maximum thickness of 18 mm. As standard a mosquito screen is supplied. A fixed version of each opening porthole is also available to special order.

#### Type PM (AI)

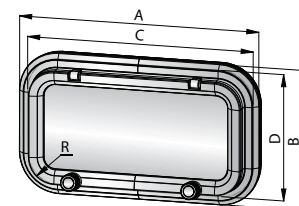
Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Cut-out radius R (mm)	Type mosquito screen
PM111	244 x 146	220 x 122	61	HOR11
PM121	294 x 172	270 x 148	74	HOR12
PM131	344 x 198	320 x 174	87	HOR13
PM141	362 x 146	338 x 122	61	HOR14
PM151	390 x 220	366 x 196	98	HOR15
PM161	399 x 199	375 x 175	87	HOR16



PM

#### Type PZ (AI)

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Cut-out radius R (mm)	Type mosquito screen
PZ611	301 x 164	277 x 140	54	HOR61
PZ621	368 x 179	344 x 155	61	HOR62
PZ631	622 x 197	598 x 173	61	HOR63
PZ641	397 x 197	373 x 173	61	HOR64
PZ651	399 x 190	375 x 166	54	HOR65
PZ661	399 x 234	375 x 210	54	HOR66
PZ671	451 x 274	427 x 250	54	HOR67



PZ



## PORTHOLES

### Type PW (AI)

Type	External dimensions A (mm) Ø	Cut-out dimensions B (mm) Ø	Type mosquito screen
PW201	198	174	HOR2013
PW211	220	196	HOR2113
PW221	260	236	HOR2213



PW

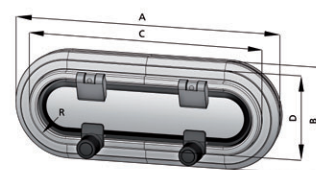
### Portholes (AIII)

#### Medium duty portholes

These portholes are suitable for use in the coachroof side. They come with a 10 mm 'smoke' coloured, unframed opening pane. The clamp type installation ensures that no fasteners are visible from either inside or outside. The portholes can be held open in any position due to the friction type hinges. In the closed position, 2 knobs ensure complete water tightness. As standard a mosquito screen is supplied. The porthole can be fitted in a surface with a minimum thickness of 2 mm and a maximum thickness of 18 mm.

### Type PM (AIII)

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Cut-out radius R (mm)	Type mosquito screen
PM113	244 x 146	220 x 122	61	HOR11
PM123	294 x 172	270 x 148	74	HOR12
PM133	344 x 198	320 x 174	87	HOR13
PM143	362 x 146	338 x 122	61	HOR14
PM153	390 x 220	366 x 196	98	HOR15
PM163	399 x 199	375 x 175	87	HOR16

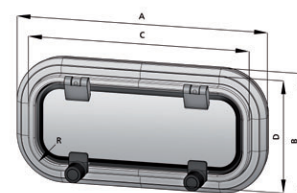


PM



### Type PZ (AIII)

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Cut-out radius R (mm)	Type mosquito screen
PZ613	301 x 164	277 x 140	54	HOR61
PZ623	368 x 179	344 x 155	61	HOR62
PZ633	622 x 197	598 x 173	61	HOR63
PZ643	397 x 197	373 x 173	61	HOR64
PZ653	399 x 190	375 x 166	54	HOR65
PZ663	399 x 234	375 x 210	54	HOR66
PZ673	451 x 274	427 x 250	54	HOR67



PZ

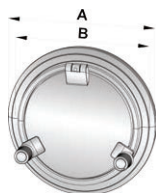




## PORTHOLES

### Type PW (AIII)

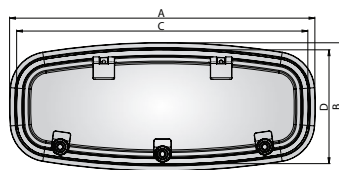
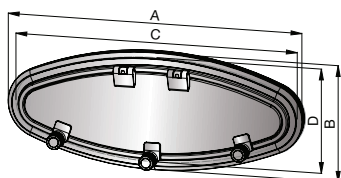
Type	External dimensions A (mm) Ø	Cut-out dimensions B (mm) Ø	Type mosquito screen
PW203	198	174	HOR2013
PW213	220	196	HOR2113
PW223	260	236	HOR2213



PW

### Type PX (AIII)

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Type mosquito screen
PX45	441 x 179	417 x 155	HOR45
PX46	492 x 196	468 x 172	HOR46
PX47	544 x 217	520 x 193	HOR47
PXF	522 x 219	498 x 195	HORPXF



PX



PXF

## Stainless steel portholes (AI and AII)

### Available in 2 versions

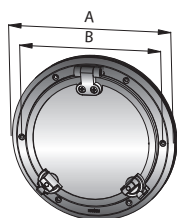
These portholes are suitable for a panel thickness of 3 to 18 mm. Both versions come with an anodised aluminium mosquito screen (for screw sizes and panel thicknesses see table on following page).

### Versions

1. With a stainless steel inner frame, 'smoke' coloured 8 mm acrylic. Appliance location Area I.
2. With unframed 10 mm acrylic, 'smoke' coloured. Appliance location Area II.

### Type PWS (AI and AII)

Type	External dimensions A (mm) Ø	Cut-out dimensions B (mm) Ø	Type mosquito screen
PWS31A2	220	198	HOR31S
PWS31A1	220	198	HOR31S
PWS32A2	260	238	HOR32S
PWS32A1	260	238	HOR32S

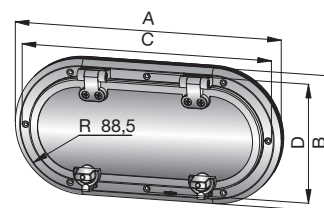


PWS

## PORTHOLES

### Type PMS (AI and AII)

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Type mosquito screen
PMS23A2	346 x 199	322 x 177	HOR23S
PMS23A1	346 x 199	322 x 177	HOR23S
PMS24A2	390 x 199	366 x 177	HOR24S
PMS24A1	390 x 199	366 x 177	HOR24S



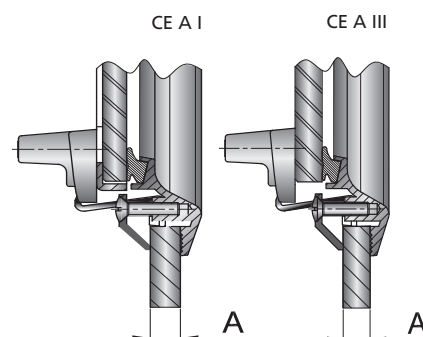
PMS



### Recommended screw size for VETUS portholes

Screws available for PWS and PMS portholes in packs of 50 pcs.

Type	Panel thickness (A)	Screw
SET0092	3 - 5 mm	M5 x 12
SET0093	5 - 9 mm	M5 x 16
SET0094	9 - 14 mm	M5 x 20
SET0095	14 - 18 mm	M5 x 25

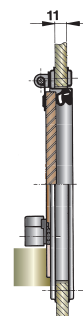
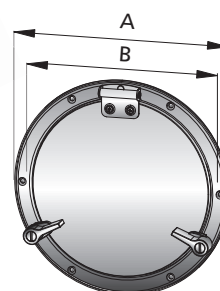


### Portholes type PQ (AII)

PQ portholes are made of stainless steel (AISI 316) and include a counter flange. They have an 8 mm thick acrylic 'smoke' coloured pane and come with a mosquito screen.



PQ



Type	External dimensions A (mm) Ø	Cut-out dimensions B (mm) Ø	Type mosquito screen
PQ51	158	126	HORPQ51
PQ52	184	151	HORPQ52
PQ53	210	176	HORPQ53

## PORTHOLES

### Portholes - PA series (AIII)

#### The new low profile portholes

VETUS expands the selection of portholes with the low profile PA series. The ergonomic catches are easy to open and close and with the included interior trim you can have the same level of finish as our other products. On the outside the beautiful anodized aluminium frame gives the PA series a premium look and feel, with a slightly different finish compared to other portholes. The portholes come with a stylish black unframed opening pane. Fasteners are invisible from inside or outside and the windows are held open by friction type hinges.

The portholes are suitable for category 'A', Area III.

Available in sizes ranging from 315 mm x 180 mm up to 652 mm x 193 mm, there is bound to be one suitable for your vessel. The portholes can be fitted in a surface with a minimum thickness of 4 mm and a maximum thickness of 25 mm and are available in black or white powder coated finish on request. Other colors can be arranged on project base. PA portholes are supplied with a mosquito screen and an additional interior trim which can be cut to size to suit the panel thickness for that high-end finish.

#### Specifications

- Anodized aluminium frame
- Friction hinges for opening
- Ergonomic and precision engineered catches
- Easy to clean and maintenance-free design
- Suitable for category 'A', Area III
- With mosquito screen and interior trim



Type	Description	Cut-out dimensions (mm)	External dimensions (mm)	Radius (mm)
PA3016	Low profile aluminium porthole	297 x 162	315 x 180	57
PA3517	Low profile aluminium porthole	350 x 175	368 x 193	57
PA4116	Low profile aluminium porthole	407 x 162	425 x 180	57
PA4317	Low profile aluminium porthole	435 x 175	453 x 193	57
PA6317	Low profile aluminium porthole	634 x 175	652 x 193	57

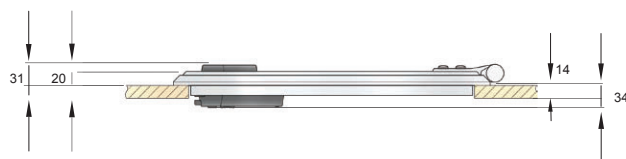
## ESCAPE AND VENTILATION HATCHES

### Type PLANUS (All)

#### Stylish budget model

These hatches have a satin sheen anodised aluminium frame with a 75 mm corner radius and a 10 mm 'dark smoke' coloured acrylic lid. A friction hinge allows the hatch to remain open at any angle up to 180°.

Type PLANUS is suitable for design category A, Area II.



Maximum height (incl. dogs)



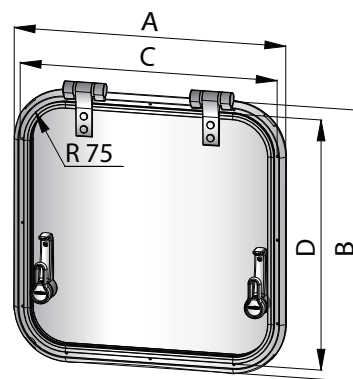
PLA

#### Escape hatches

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Number of handles
PLA50L	521 x 521	471 x 471	2
PLA45L	474 x 474	424 x 424	2

#### Ventilation hatches

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Number of handles
PLA34L	390 x 260	340 x 210	1
PLA30L	350 x 280	300 x 230	1
PLA23L	280 x 280	230 x 230	1



#### Deck hatches

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Number of handles
PLA40L	424 x 424	374 x 374	2
PLA32L	474 x 344	424 x 294	2

## VETUS handles

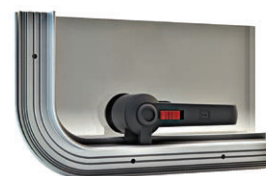
#### Specifications

- The hatch can be opened from the inside or outside
- Can be locked or secured with an air gap for permanent ventilation
- An internal locking mechanism prevents opening from the outside when the boat is unattended
- The low external profiles ensures that ropes cannot get caught under the handles

Type	Description	Colour
HLLRBG	Hatch locks for all hatches	Black



OPEN



CLOSED

HLLRBG

## ESCAPE AND VENTILATION HATCHES

### Type FGH (All)

#### Stylish flush hatch

The FGH is specifically designed for new boats. The flush hatches are most suitable for new builds because the deck must be recessed to receive the hatch. After fitting, the hatches are completely recessed into the deck, leaving the deck smooth without visible lines.

Type FGH is available in six sizes and is made of 12 mm thick 'dark smoke' acrylic with a polished and anodised aluminium frame. Type FGH is suitable for design category A, Area II.



FGH

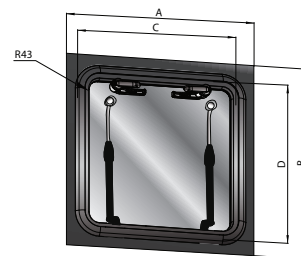


#### Escape hatches

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Number of handles
FGH6363	700 x 700	627 x 627	4
FGH5151	580 x 580	507 x 507	4
FGH4633	527 x 397	457 x 327	2
FGH5139	577 x 462	507 x 392	2

#### Deck hatches

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Number of handles
FGH2626	330 x 330	260 x 260	1
FGH4444	515 x 515	442 x 442	3



### Hatch trims with mosquito screen

#### Neat finish and protection against insects

The complete range of hatches can be supplied with an adjustable depth trim complete with mosquito screen. These white synthetic trims are designed to cover the space between the hatch and the headlining inside the boat. The depth of the flange can be cut to size to suit the thickness of the deck. The integral and hinged mosquito screen can be easily removed to facilitate cleaning.

Type	Hatch
HCM23	PLA23L
HCM30	PLA30L
HCM32	PLA32L
HCM34	PLA34L
HCM40	PLA40L
HCM45	PLA45L
HCM50	PLA50L

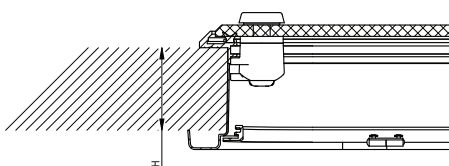
Type	Hatches
HCM2626	MAG2626SL ALT2626SL FGH2626
HCM4242	MAG4242SL ALT4242SL
HCM4444	FGH4444
HCM4633	MAG4633SL ALT4633SL
HCM4747	MAG4747SL ALT4747SL
HCM5038	MAG5038SL ALT5038SL
HCM5151	MAG5151SL ALT5151SL FGH5151
HCM6363	MAG6363SL ALT6363SL FGH6363

Type	Hatch
HCMD420	ALTD420SL
HCMD520	ALTD520SL
HCMR420	ALTR420SL
HCMR520	ALTR520SL

Type	Hatch
HCM2020	LIB2032L
HCM3420	LIB3432L
HCM4141	LIB4155L
HCM4532	LIB3255L
HCM5037	LIB3755L
HCM5050	LIB5055L
HCM6262	LIB6255L

#### Deck thickness H (mm)

PLANUS	40 - 73
ALTUS	44 - 81
FGH	30 - 59
MAGNUS	24 - 74
LIBERO	15 - 63



HCM





## ESCAPE AND VENTILATION HATCHES

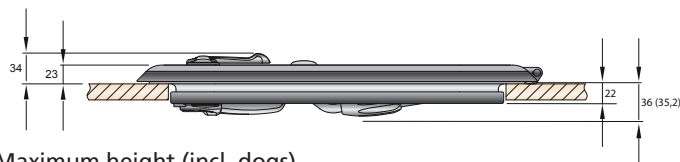
### Type ALTUS (All)

#### Best midrange hatch in the business

ALTUS is made of a sturdy aluminium profile (height 21 mm) with a satin sheen anodised frame and is suitable for design category All. The acrylic has a thickness of 10 mm and is 'dark smoke' coloured. These hatches come with adjusters which are stylish and easy to operate, allowing the lid to be held open at almost any angle up to 90°. Type ALTUS can be fitted on deck and opened from the inside or outside. It has a ventilation position and can be locked completely watertight.



ALT



Maximum height (incl. dogs)

#### Escape hatches

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Model	Number of handles
ALT6363SL	701 x 701	627 x 627	1	2
ALT5151SL	581 x 581	507 x 507	1	2
ALT4747SL	544 x 544	470 x 470	1	2
ALTD520SL	592 x 524	518 x 450	2	2
ALTR520SL	Ø 592	Ø 518	3	2

#### Deck hatches

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Model	Number of handles
ALT4242SL	495 x 495	421 x 421	1	2
ALT5038SL	581 x 451	507 x 377	1	2
ALT4633SL	531 x 401	457 x 327	1	2
ALTR420SL	Ø 491	Ø 417	3	2

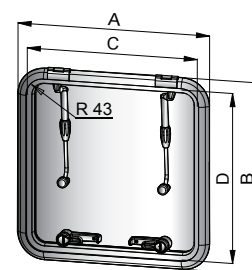
#### Ventilation hatches

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Model	Number of handles
ALT2626SL	334 x 334	260 x 260	1	1
ALTD420SL	491 x 326	417 x 252	2	2
ALA3502L	421 x 276	347 x 202	1	1

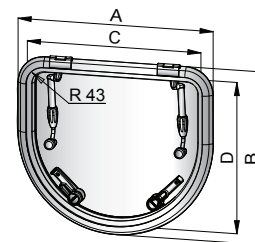
#### Trapezium hatch

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Model	Number of handles
ALA46TL	543 x 681 x 447	464 x 607 x 378	4	2

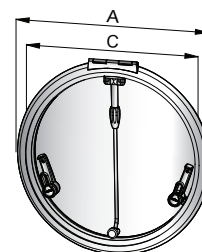
#### Model 1



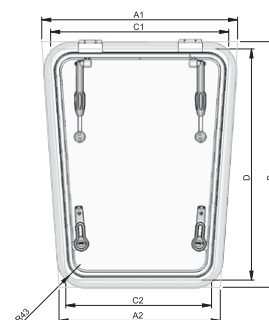
#### Model 2



#### Model 3



#### Model 4

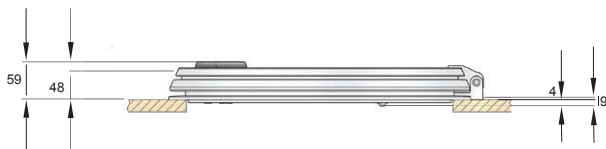


## ESCAPE AND VENTILATION HATCHES

### Type LIBERO (All)

#### Still going strong

These hatches have a hand polished and anodised aluminium frame with a 32 or 55 mm corner radius and a 10 mm 'dark smoke' coloured acrylic lid. The escape and deck hatches come with adjusters allowing the lid to be held open at almost any angle up to 90°. A special friction hinge allows the ventilation hatches to remain open at any angle up to 180°. Type LIBERO is suitable for design category A, Area II.



Maximum height (incl. dogs)



LIB



#### Escape hatches with adjusters up to 90°

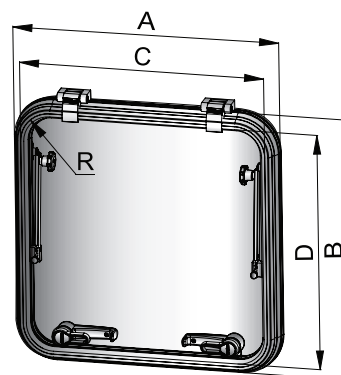
Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Cut-out radius R (mm)	Number of handles
LIB6232L	680 x 680	620 x 620	32	2
LIB6255L	680 x 680	620 x 620	55	2
LIB5032L	560 x 560	500 x 500	32	2
LIB5055L	560 x 560	500 x 500	55	2
LIB4155L	470 x 470	410 x 410	55	2

#### Deck hatches with adjusters up to 90°

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Cut-out radius R (mm)	Number of handles
LIB3732L	560 x 430	500 x 370	32	2
LIB3755L	560 x 430	500 x 370	55	2
LIB3232L	510 x 380	450 x 320	32	2
LIB3255L	510 x 380	450 x 320	55	2

#### Ventilation hatches with friction hinge up to 180°

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Cut-out radius R (mm)	Number of handles
LIB3432L	400 x 255	340 x 195	32	1
LIB2032L	260 x 260	200 x 200	32	1



## ESCAPE AND VENTILATION HATCHES

### Type MAGNUS (AI)

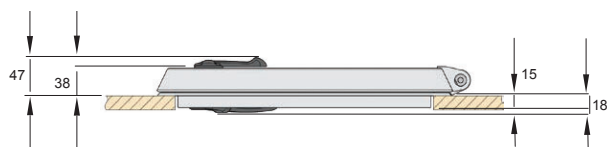
#### Heavy duty ocean hatch

MAGNUS hatches have a satin sheen anodised frame profile with a 10 mm thick 'dark smoke' coloured acrylic and are designed for ocean use, design category A, Area I. These hatches can be opened from the inside or outside through 180° with almost no obstructions in the opening. They have a ventilation position and can be locked completely watertight.

VETUS does not recommend the use of a Magnus hatch as a means of escape on multihulls below or near the waterline. The A1 hatch meets the Recreational Craft Directive (RCD2013/53/EU), however we cannot guarantee water tightness for this specific position. Please contact our glazing team for further information.



**MAG**



Maximum height (incl. dogs)

#### Escape hatches

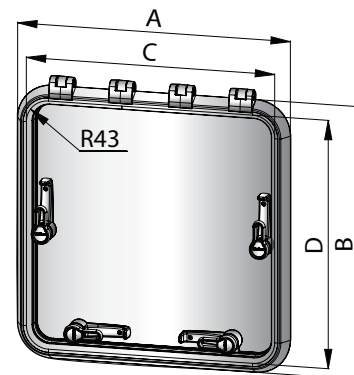
Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Number of handles
MAG6363SL	679 x 679	627 x 627	4
MAG5151SL	559 x 559	507 x 507	4
MAG4747SL	522 x 522	470 x 470	2

#### Deck hatches

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Number of handles
MAG4242SL	473 x 473	421 x 421	2
MAG5038SL	559 x 429	507 x 377	2
MAG4633SL	509 x 379	457 x 327	2

#### Ventilation hatches

Type	External dimensions A x B (mm)	Cut-out dimensions C x D (mm)	Number of handles
MAG2626SL	312 x 312	260 x 260	1
MAA3520L	399 x 254	347 x 202	2



## ESCAPE AND VENTILATION HATCHES

### Hopper Windows

#### Fresh air without a catch

These new round windows with removable double glazed panes, are designed with canal boats in mind. These narrow boats are particularly cosy, with almost no room to spare. The round design of the hopper blends in perfectly with the trusted look of authentic canal boats.

Available in two diameters of 380 mm or 459 mm, our double glazed hopper porthole is easy to clean and provides an unimpeded view. Ergonomic clamps press the window firmly into the rubber seal, making it suitable for design area III locations.

With the clamps unlocked, the Hopper tilts back slightly to provide ventilation. From this position the whole pane can be removed if required. The polished and anodized aluminum frame is both stylish and maintenance free. It features a thermal break between the inner and outer frames, to prevent condensation forming on the inside. The frame is identical to the custom made boat windows to maintain uniformity throughout the boat.

#### Specifications

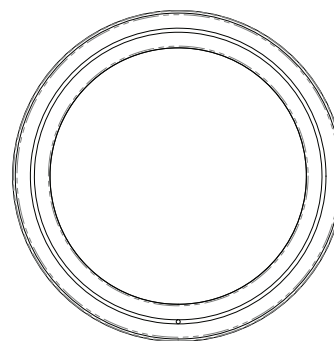
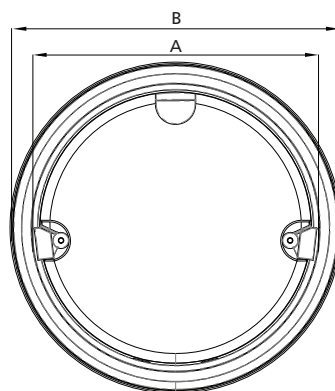
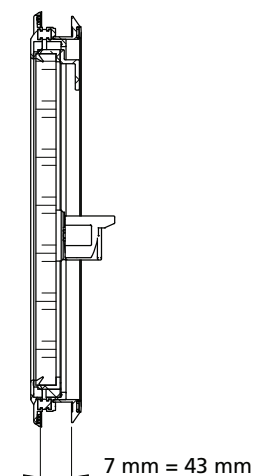
- Full double glazed porthole
- Polished and anodised aluminum frame with insulation bridge type thermal break principal
- Ergonomic and precision engineered catches
- Glass panels are easy to remove
- Sturdy aluminium tab at the top of the glass panel can be used to wall-mount it
- Easy to clean and maintenance-free design
- Suitable for design AIII locations



HOP



Type	Description	A Cut-out dimensions (mm)	B External dimensions (mm)
HOP380	Round 380 mm double glass hopper with anodized aluminium frame and rubber seal	Ø 380	Ø 410
HOP459	Round 459 mm double glass hopper with anodized aluminium frame and rubber seal	Ø 459	Ø 489





## CUSTOM MADE BOAT GLAZING

**MAREX**

Marex is a brand long associated with high quality in custom made marine glazing products. The aluminium frames withstand a 1000-hour salt spray test without any observable damage. In addition, they are independently certified to comply with the Recreational Craft Directive and applicable ISO standards. This all ensures that your glazing will look like new for a long time.

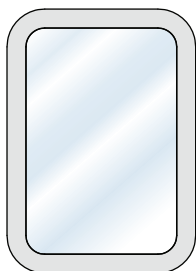
To meet your needs, we offer three different window profiles: screw-on, comfort and exclusive. In addition we can provide fritted glass (frameless glass), windscreens, sliding hatches, cabin entries and doors. All products are made to measure.

The following frame finishes are available:  
anodised clear, powder coated in black (RAL 9005) or white (RAL 9010).  
Other colours are available on request.

Sliding and halfdrop type windows can be provided with a mosquito screen.

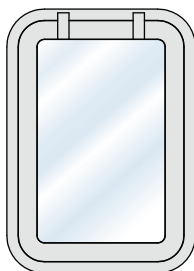


Exclusive double glass  
Comfort single glass and  
double glass  
Screw-on single glass



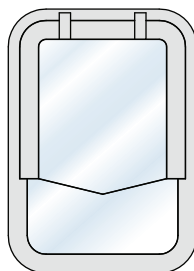
FIXED

Exclusive double glass  
Comfort single glass and  
double glass  
Screw-on single glass (NEW)



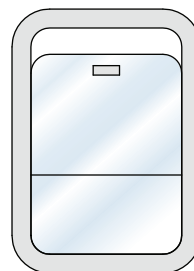
HINGED

Comfort single glass



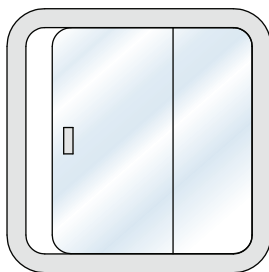
HALF HINGED

Comfort single glass  
Screw-on single glass



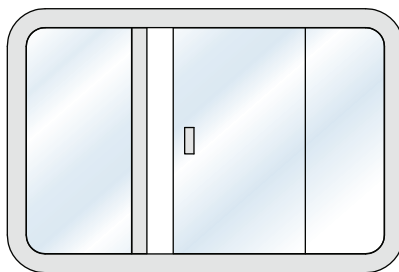
HALF DROP

Screw-on single glass  
Comfort single glass



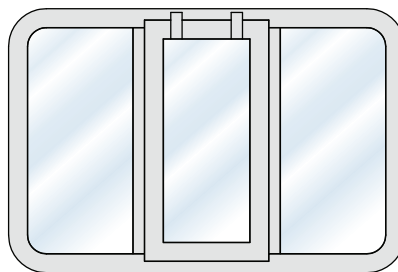
SLIDING

Screw-on single glass  
Comfort single glass



COMBINATION FIXED/SLIDING

Comfort single and double glass  
Exclusive double glass



COMBINATION FIXED/HINGED

## CUSTOM MADE BOAT GLAZING

**MAREX**



### Screw-on range

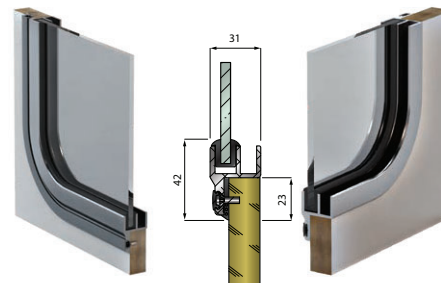
#### Specifications

- Particularly suitable for wooden superstructures
- Suitable for all panel thicknesses
- Supplied with a black, white or grey strip to cover the screws
- With corner radii (65, 75, 90 or 105 mm) or mitred corners
- Glass thickness: 6 mm or 8 mm

Cover strip



outside



Screw-on range

inside

### Comfort range

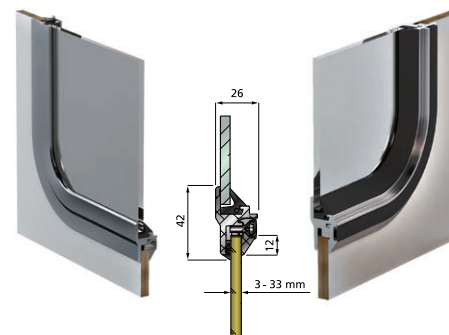
#### Specifications

- Uses an aluminium clamp profile, fastened from inside by screws through the supplied aluminium counter flange (therefore no screws are visible from the outside of the boat)
- Suitable for panel thicknesses between 3 and 33 mm (fixed glass), 3 and 37 mm (sliding glass) or 3 and 42 mm (double glass)
- Supplied with a black, white or grey strip to cover the screws
- With corner radii (65, 75, 90 or 105 mm) or mitred corners
- Available glass thicknesses: 6, 8 and 10 mm for single glass or combined for double glass

Cover strip



outside



Comfort range

inside

### Exclusive range

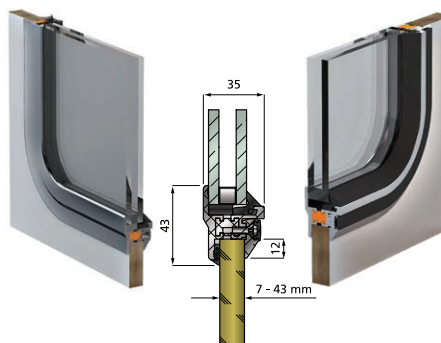
#### Specifications

- Uses an aluminium clamp profile, fastened from inside by screws through the supplied aluminium counter flange (therefore no screws are visible from the outside of the boat)
- Suitable for panel thicknesses of 7 to 43 mm
- Supplied with a black, white or grey strip to cover the screws and a seal for fitting
- To prevent condensation on the inside glass pane and window frame, the Exclusive range has an insulation bridge thermal break between the inner and outer frames
- Available as fixed or fully hinged versions with double glass only
- With corner radii (75\*, 90 or 105 mm) or mitred corners
- Available glass thicknesses (6, 8 and 10 mm) can be combined for the double glass. The standard is two panes, each 6 mm thick

Cover strip



outside



Exclusive range

inside

\*Except hinged windows



## CUSTOM MADE BOAT GLAZING

**MAREX**

### Cabin entries

#### *Made to your dimensions*

Both the hinged door and the top cover (hinged or sliding) are made to order to your required dimensions. The cabin entries can also be supplied without a door and the doors can be ordered without a hatch.

All cabin entries are suitable for design category A, Area IV.

Max. size 1500 x 1000 mm per part (A or B x C).

