



SANIFLO • MARINE RANGE

BROCHURE
2023



.....

SFA Group

WORLD LEADER IN SANITARY EQUIPMENT

For over 60 years, the companies of the SFA Group have been working to provide our professional and end consumer customers with increasing levels of sanitary convenience in their daily lives. SFA offer much more than technological know-how; we offer inventive, reliable, and easy-to-implement solutions; a state of mind and a way of doing things that led to the launch of the first SFA macerator in 1958.

An ingenious idea that continues to revolutionise interior design around the World. Over the years, our expertise in pumping solutions has provided valuable help in a wide variety of sectors.

Today SFA has design and production expertise in 4 main complementary areas:

-  **Water treatment equipment and solutions**
-  **Pumps and pumping stations for industrial projects**
-  **Pumps and sanitary macerators for home use**
-  **Equipment for showers, whirlpool bathtubs and spas**

Throughout its history, SFA has established a high-performing manufacturing base, opting for an integrated production strategy to build and assemble its equipment in record time. Its industrial model ensures complete control of each stage of production, quality control and manufacturing deadlines. This guarantee of reliability and trust is appreciated by its clients.

SFA pumps and macerators meet the European standards currently in force (EN 12050-3, EN 12050-2 and EN 12050-1) and are produced in a factory ISO 9001 and ISO 14001 certified.

02

Australia

Austria

Belgium

Brazil

Canada

China

Czech Republic

France

Germany

India

Ireland

Italy

Japan

Korea

Malaysia

Mexico

Luxembourg

Netherlands

New Zealand

Poland

Portugal

Romania

Russia

South Africa

Spain

Sweden

Switzerland

Turkey

United Kingdom

USA

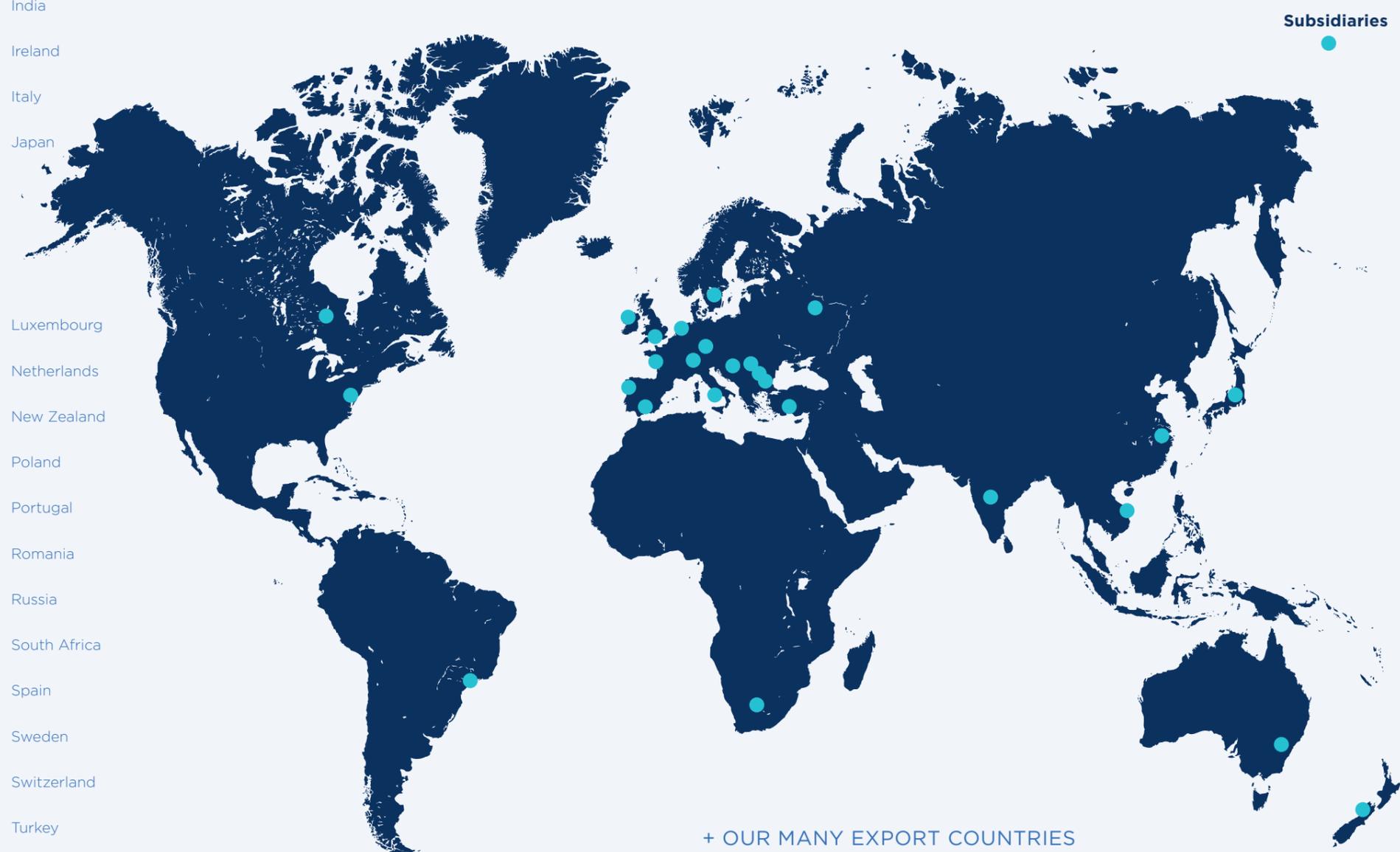
Vietnam

SFA PRODUCTS THROUGHOUT THE WORLD

.....

OUR PRODUCTS ARE AVAILABLE FROM 27 SUBSIDIARIES AND NUMEROUS INTERNATIONAL PARTNERS

Established in 28 countries across 5 continents, the Group continues to expand internationally through partnerships forged with professionals in the sector, carefully selected and trained to carry forward the reputation for performance, quality and service of the international Group.



+ OUR MANY EXPORT COUNTRIES

Cyprus, Malta, Norway, the Baltic States, Croatia, Israel, Ukraine, Bulgaria, the Middle East, Overseas France, Algeria, Morocco, Tunisia, Egypt, Greece, Sudan, Finland, West Africa, and more.

03

..... Ethics Charter

Our SFA Group commitment

SFA is an industrial group with a Worldwide presence, whose primary objective is simple: to design and manufacture domestic and professional solutions wherever water flows.

Our ambition

Continue to GROW TOGETHER with all our partners and stakeholders (all those who participate in our business life, those who view the company, and those that we influence either directly or indirectly), in a common approach of development and permanent progress.

The commitment to respect guides our relationships with all our stakeholders and must be a permanent part of our activities and our business relationships. Recognition of individual difference must be taken into consideration and go beyond minimum compliance with laws and regulations.

Respect is at the heart of human interaction, not only within SFA and towards our clients, but also in our social and wider environments.

Our quality commitment is to provide our customers with a quality service. Quality applies to all business sectors and everyone plays a role and contributes to achieving this goal.

04 Our ambition is to be recognized and approved by all our stakeholders as we grow together.

The Team spirit that inspires us encompasses solidarity and cooperation. This means that we can combine the best skills for the benefit of our customers and stakeholders, and together overcome the challenges we face today and in the future.

“ ENSURING THAT BUSINESS ETHICS IS CENTRAL TO RESPONSIBLE GROWTH ”

..... The inventor and world's leading

MANUFACTURER OF MACERATOR TOILETS AT YOUR SERVICE

The SFA Marine Range is dedicated to the world of cruising and benefits from the experience and unique expertise of SFA, the inventor of the macerating system. SFA marine toilets are particularly favoured by professionals and boating people around the World for their reliability, comfort in use, and quiet operation.

It is therefore no surprise that the French National Navy and the British Royal Navy have chosen SFA marine toilets for their exceptional acoustic performance (only 52 dB (A)), amongst other features.



THE SFA MARINE COLLECTION COVERS A RANGE OF MARKETS FROM NAUTICAL INDUSTRY PROFESSIONALS TO BOAT OWNERS THEMSELVES. WHATEVER THE BOAT CONFIGURATION, THE INSTALLATION OF AN SFA MARINE TOILET IS QUICK AND EASY TO ACHIEVE.



.... SFA combines comfort and technology

HOME COMFORT ON BOARD

The SFA marine range has been developed with the aim of ensuring the same ease of use on the water as you have on land.

COMPACT RANGE
REDUCED HEIGHT RANGE, IDEAL FOR INSTALLING IN THE SMALLEST SPACES, ON A RAISED STEP OR AS A REPLACEMENT FOR A HAND PUMP TOILET.

QUIET RANGE
QUIET TOILETS THAT ARE A STANDARD HEIGHT SO THEY CAN BE INSTALLED AT FLOOR LEVEL FOR COMFORT ON BOARD, JUST LIKE AT HOME.

PROFESSIONAL RANGE (110V, 220V)
A RANGE OF WC UNITS DESIGNED ESPECIALLY FOR BOATS WITH A HIGH ONBOARD ELECTRICAL POWER CAPACITY.

GREY WATER PUMP
ESSENTIAL FOR INSTALLING A SHOWER OR BASIN.



CONTROL SYSTEMS AND OPTIONS
ELECTRICAL AND HYDRAULIC INSTALLATIONS
TECHNICAL FEATURES
ENVIRONMENT

26 | 27
28 | 29
30
31





.... Sanimarin Maxlite +

AN SFA UNIT TO REPLACE YOUR MANUALLY-OPERATED WC, REGARDLESS OF ITS ORIGINAL CONFIGURATION.



..... IDEAL FOR SMALL SPACES, ADAPTS TO ALL CONFIGURATIONS

TECHNICAL FEATURES

Pumping height	3 m
Horizontal pumping distance	30 m
Non return valve	Integrated
Outlet diameter	38 mm or 25 mm
Supply voltage	12 V or 24 V DC
Motor power	300 W (12 V), 360 W (24 V)
Electricity consumption	0,007 Ah (12 V) and 0,004 Ah (24 V) per second (see detail p.30)
Water consumption	Quantity decided by the user
Water use	- Sea pump included in the system - Caution : do not connect the MAXLITE+ toilet to an onboard drinking water or pressurised water system
Weight	8 kg

1 CONTROL SYSTEM



Electric switch
Comfort

REFERENCES

PRODUCT SELECTION

- 1. Model choice
- 2. Control system choice
- 3. Voltage choice

DESIGNATION	CODE	EAN
Sanimarin Maxlite + Comfort 12 V	SBMPLUS12V	3308815076454
Sanimarin Maxlite + Comfort 24 V	SBMPLUS24V	3308815076461

MORE INFORMATION
ABOUT CONTROL SYSTEMS
P26-27

08

09



Easily replaces a hand pumped toilet



External water supply (integrated pump)



Ultra-light material used for bowl construction



Reversible motor/pump unit for right or left hand installation



Soft close seat



Enables variable positioning of the bowl

TECHNICAL VIEW

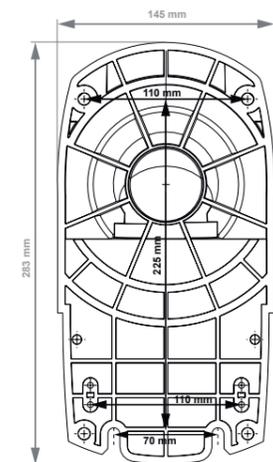
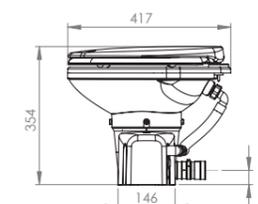
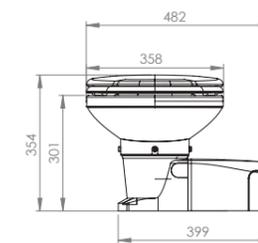


- Sea pump included in the system
- An additional impeller included in the accessory bag

+ Order your maintenance kit separately
REF. : KITTURBINEMAXLITE



DIMENSIONS (MM)





.... Sanimarin Maxlite +S

THANKS TO THE USE OF PRESSURISED WATER ON BOARD, THIS QUIET TOILET OFFERS MAXIMUM COMFORT.



..... MAXIMUM COMFORT

TECHNICAL FEATURES

Pumping height	3 m
Horizontal pumping distance	30 m
Non return valve	Integrated
Outlet diameter	38 mm or 25 mm
Supply voltage	12 V or 24 V DC
Motor power	300 W (12 V), 360 W (24 V)
Electricity consumption	0,007 Ah (12 V) and 0,004 Ah (24 V) per second (see detail p.30)
Water consumption	Quantity decided by the user
Water use	Integrated solenoid valve for connection to the pressurized water system on board.
Weight	8 kg

1 CONTROL SYSTEM



Electric switch **Comfort**

REFERENCES



DESIGNATION	CODE	EAN
Sanimarin Maxlite + S Comfort 12 V	SBMPLUS12VEV	3308815077840
Sanimarin Maxlite + S Comfort 24 V	SBMPLUS24VEV	3308815077857

MORE INFORMATION
ABOUT CONTROL SYSTEMS P26-27



Features SFA macerating technology (stainless steel blade)



Connection to the pressurised water onboard



Ultra-light material used for bowl construction



Enables variable positioning of the bowl



Reversible motor/pump unit for right or left hand installation



Soft close seat



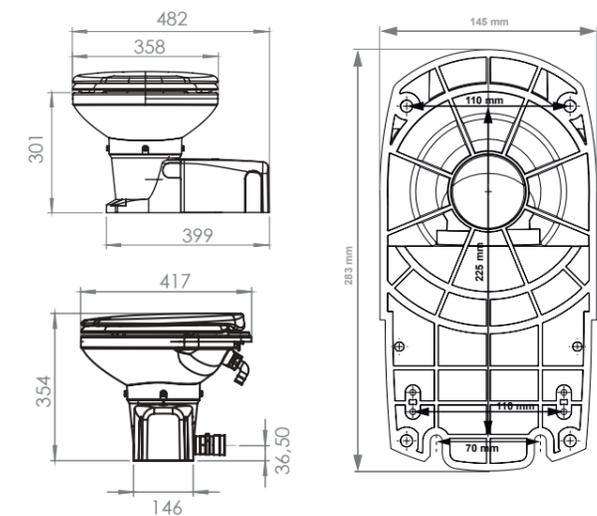
Easy to use

TECHNICAL VIEW



+ Solenoid valve included

DIMENSIONS (MM)





.... Sanimarin 31

THANKS TO ITS COMPACT FOOTPRINT THIS MODEL FITS EASILY INTO CONFINED SPACES.



..... SANIMARIN BESTSELLER

TECHNICAL FEATURES

Pumping height	3 m
Horizontal pumping distance	30 m
Non return valve	Integrated
Outlet diameter	38 mm or 25 mm
Supply voltage	12 V or 24 V DC
Motor power	300 W (12 V), 360 W (24 V)
Electricity consumption	Dependent upon the control system (see detail p.30)
Water consumption	Dependent upon the control system from 1.2 L to 2.4 L
Water use	- Onboard freshwater (integrated solenoid valve) or outside pressurised water - Minimum pressure of supplied water 1.7 bar - Recommended pump flow rate 11 L/min
Weight	17 kg

REFERENCES



DÉSIGNATION	CODE	EAN
Sanimarin 31 Comfort 12 V	SN3112VLC	3308815012148
Sanimarin 31 Comfort 24 V	SN3124VLC	3308815012162
Sanimarin 31 Plus 12 V	SN3112VLC	3308815012155
Sanimarin 31 Plus 24 V	SN3124VLC	3308815012179
Sanimarin 31 Premium 12 V	SN3112VPREMIUM	3308815077864
Sanimarin 31 Premium 24 V	SN3124VPREMIUM	3308815077871
Sanimarin 31 Luxe 12 V	SN3112VCLAVSFA	3308813412018
Sanimarin 31 Luxe 24 V	SN3124VCLAVSFA	3308813424011

4 CONTROL SYSTEMS



Electric switch
Comfort



Pneumatic button
Plus



Electric button
Premium



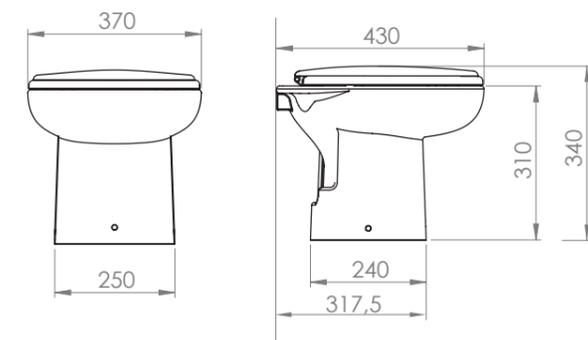
Electronic keyboard
Luxe

MORE INFORMATION
ABOUT CONTROL SYSTEMS
P26-27

TECHNICAL VIEWS



DIMENSIONS (MM)



Features SFA macerating technology (stainless steel blade)



Mounting on a raised step



Small dimensions



Connection to the pressurised water onboard



Easy to use



Quiet



Soft close seat

.... Sanimarin 32

EASY TO INSTALL AGAINST A VERTICAL PARTITION.



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..... COMPACT AND COMFORTABLE

TECHNICAL FEATURES

Pumping height	3 m
Horizontal pumping distance	30 m
Non return valve	Integrated
Outlet diameter	38 mm or 25 mm
Supply voltage	12 V or 24 V DC
Motor power	300 W (12 V), 360 W (24 V)
Electricity consumption	Dependent upon the control system (see detail p.30)
Water consumption	Dependent upon the control system from 1.2 L to 2.4 L
Water use	- Onboard freshwater (integrated solenoid valve) or outside pressurised water - Minimum pressure of supplied water 1.7 bar - Recommended pump flow rate 11 L/min
Weight	19 kg

REFERENCES



DESIGNATION	CODE	EAN
Sanimarin 32 Comfort 12 V	SN3212VLC	3308815076478
Sanimarin 32 Comfort 24 V	SN3224VLC	3308815076485
Sanimarin 32 Plus 12 V	SN3212VLCP	3308815076492
Sanimarin 32 Plus 24 V	SN3224VLCP	3308815076508
Sanimarin 32 Premium 12 V	SN3212VPREMIUM	3308815077888
Sanimarin 32 Premium 24 V	SN3224VPREMIUM	3308815078052
Sanimarin 32 Luxe 12 V	SN3212VCLAVSFA	3308815076515
Sanimarin 32 Luxe 24 V	SN3224VCLAVSFA	3308815076522

4 CONTROL SYSTEMS



Electric switch
Comfort



Pneumatic button
Plus



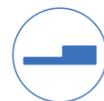
Electric button
Premium



Electronic keyboard
Luxe

MORE INFORMATION
ABOUT CONTROL SYSTEMS P26-27

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Mounting on a raised step



All the system integrated in the foot



Vertical back line



Connection to the pressurised water onboard



Quiet

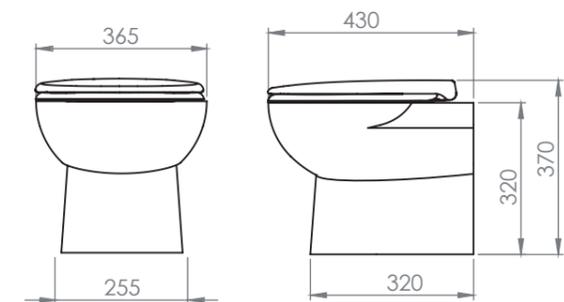


Soft close seat

TECHNICAL VIEWS



DIMENSIONS (MM)





.... Sanimarin Exclusive Short

NEW CLEAN LINES FOR THE SHORT MODEL.



..... COMPACT AND MODERN DESIGN

TECHNICAL FEATURES

Pumping height	3 m
Horizontal pumping distance	30 m
Non return valve	Integrated
Outlet diameter	38 mm or 25 mm
Supply voltage	12 V or 24 V DC
Motor power	300 W (12 V), 360 W (24 V)
Electricity consumption	Dependent upon the control system (see detail p.30)
Water consumption	Dependent upon the control system from 1.2 L to 2.4 L
Water use	- Onboard freshwater (integrated solenoid valve) or outside pressurised water - Minimum pressure of supplied water 1.7 bar - Recommended pump flow rate 11 L/min
Weight	21 kg

REFERENCES



DESIGNATION	CODE	EAN
Sanimarin Exclusive Short Comfort 12 V	SNEXCLS12VLC	3308815072814
Sanimarin Exclusive Short Comfort 24 V	SNEXCLS24VLC	3308815072821
Sanimarin Exclusive Short Plus 12 V	SNEXCLS12VLCP	3308815072838
Sanimarin Exclusive Short Plus 24 V	SNEXCLS24VLCP	3308815072845
Sanimarin Exclusive Short Premium 12 V	SNEXCLS12V PREMIUM	3308815077895
Sanimarin Exclusive Short Premium 24 V	SNEXCLS24V PREMIUM	3308815077901
Sanimarin Exclusive Short Luxe 12 V	SNEXCLS12V	3308815013220
Sanimarin Exclusive Short Luxe 24 V	SNEXCLS24V	3308815013237

4 CONTROL SYSTEMS



Electric switch
Comfort



Pneumatic button
Plus



Electric button
Premium



Electronic keyboard
Luxe

MORE INFORMATION
ABOUT CONTROL SYSTEMS P26-27



Vertical back line



Comfortable



Contemporary design



A 360° powerful flushing system



Easy to use

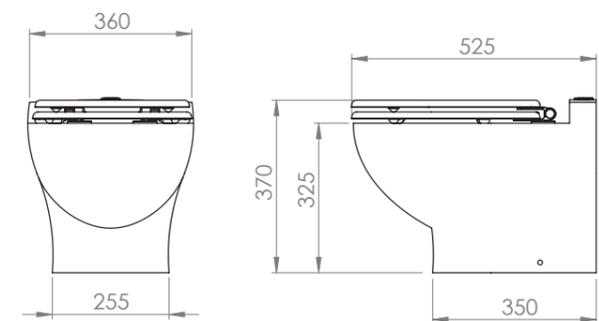


Quiet

TECHNICAL VIEWS



DIMENSIONS (MM)





.... Sanimarin 43

WITH ITS PURE AND SIMPLE LINES, IT FITS EASILY INTO ALL SPACES.



..... COMFORTABLE AND FUNCTIONAL

TECHNICAL FEATURES

Pumping height	3 m
Horizontal pumping distance	30 m
Non return valve	Integrated
Outlet diameter	38 mm or 25 mm
Supply voltage	12 V or 24 V DC
Motor power	300 W (12 V), 360 W (24 V)
Electricity consumption	Dependent upon the control system (see detail p.30)
Water consumption	Dependent upon the control system from 1.2 L to 2.4 L
Water use	- Onboard freshwater (integrated solenoid valve) or outside pressurised water - Minimum pressure of supplied water 1.7 bar - Recommended pump flow rate 11 L/min
Weight	23 kg

REFERENCES



DESIGNATION	CODE	EAN
Sanimarin 43 Comfort 12 V	SN4312VLC	3308815077918
Sanimarin 43 Comfort 24 V	SN4324VLC	3308815077925
Sanimarin 43 Plus 12 V	SN4312VLCPLUS	3308815077932
Sanimarin 43 Plus 24 V	SN4324VLCPLUS	3308815077949
Sanimarin 43 Premium 12 V	SN4312VPREMIUM	3308815077956
Sanimarin 43 Premium 24 V	SN4324VPREMIUM	3308815077963
Sanimarin 43 Luxe 12 V	SN4312VCLAVSFA	3308815077970
Sanimarin 43 Luxe 24 V	SN4324VCLAVSFA	3308815077987

4 CONTROL SYSTEMS



Electric switch
Comfort



Pneumatic button
Plus



Electric button
Premium



Electronic keyboard
Luxe

MORE INFORMATION
ABOUT CONTROL SYSTEMS
P26-27

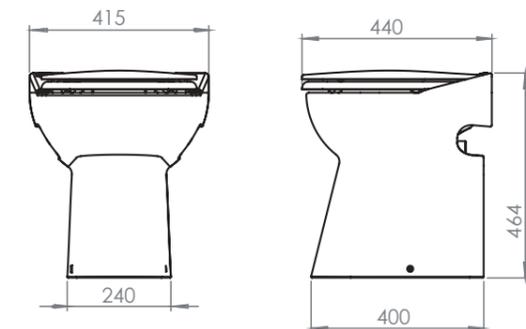


- Quiet Acoustic pressure : 52 dB(A)
- Standard height, installed at floor level
- Installation distance from black water tank : 30 m
- Connection to the pressurised water onboard
- Easy to use
- Soft close seat

TECHNICAL VIEW



DIMENSIONS (MM)





.... Sanimarin Exclusive Medium

THE MOST LUXURIOUS OF THE RANGE.



..... QUIET AND MODERN DESIGN

TECHNICAL FEATURES

Pumping height	3 m
Horizontal pumping distance	30 m
Non return valve	Integrated
Outlet diameter	38 mm or 25 mm
Supply voltage	12 V or 24 V DC
Motor power	300 W (12 V), 360 W (24 V)
Electricity consumption	Dependent upon the control system (see detail p.30)
Water consumption	Dependent upon the control system from 1.2 L to 2.4 L
Water use	- Onboard freshwater (integrated solenoid valve) or outside pressurised water - Minimum pressure of supplied water 1.7 bar - Recommended pump flow rate 11 L/min
Weight	26 kg

REFERENCES



DESIGNATION	CODE	EAN
Sanimarin Exclusive Medium Comfort 12 V	SNEXCLM12VLC	3308815072937
Sanimarin Exclusive Medium Comfort 24 V	SNEXCLM24VLC	3308815072944
Sanimarin Exclusive Medium Plus 12 V	SNEXCLM12VLCPC	3308815072951
Sanimarin Exclusive Medium Plus 24 V	SNEXCLM24VLCPC	3308815072968
Sanimarin Exclusive Medium Premium 12 V	SNEXCLM12VPREMIUM	3308815078038
Sanimarin Exclusive Medium Premium 24 V	SNEXCLM24VPREMIUM	3308815078045
Sanimarin Exclusive Medium Luxe 12 V	SNEXCLM12V	3308815013244
Sanimarin Exclusive Medium Luxe 24 V	SNEXCLM24V	3308815013251

4 CONTROL SYSTEMS



Electric switch
Comfort



Pneumatic button
Plus



Electric button
Premium



Electronic keyboard
Luxe

MORE INFORMATION
ABOUT CONTROL SYSTEMS P26-27

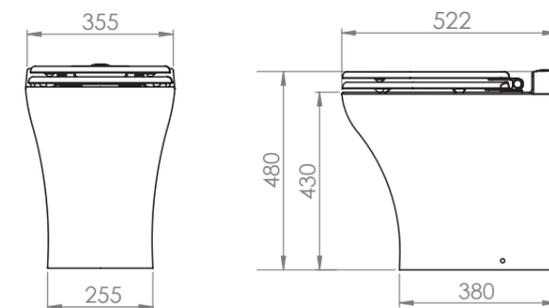


- Quiet
Acoustic pressure : 52 dB(A)
- Standard height, installed at floor level
- Comfortable
- Contemporary design
- A 360° powerful flushing system
- Installation distance from black water tank

TECHNICAL VIEW

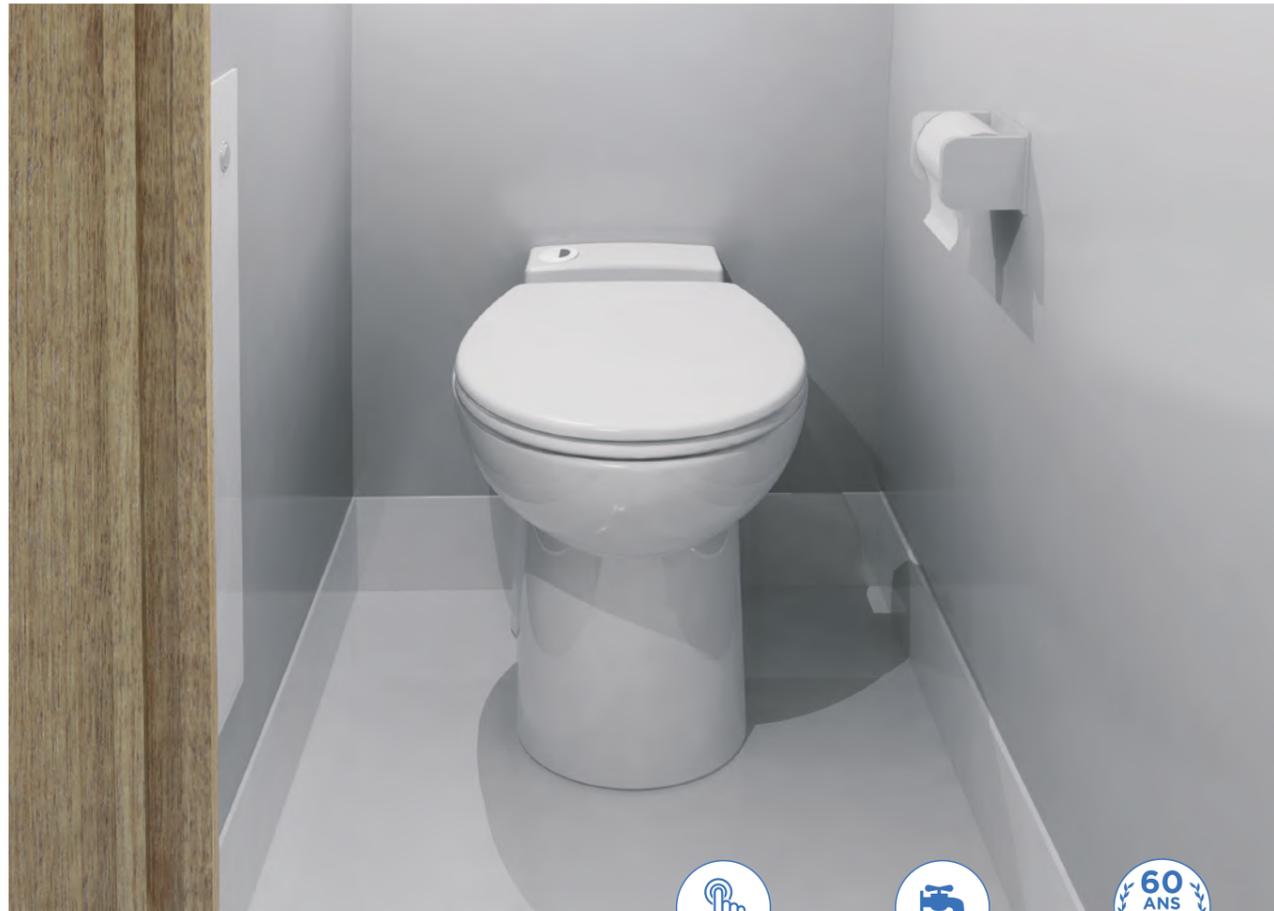


DIMENSIONS (MM)



.... Professional range

A COMPREHENSIVE RANGE OF MARINE WCS TO MEET EVERY REQUIREMENT.



Easy to use



Connection to the pressurised water onboard



Features SFA macerating technology

..... ROBUST AND COMFORTABLE WCS

TECHNICAL FEATURES

Pumping height	3 m
Horizontal pumping distance	30 m
Non return valve	Integrated
Outlet diameter	32 mm
Supply voltage	110 V, 220 V
Motor power	550 W (220 V), 800 W (110 V)
Water consumption	Eco : 3,6 L / Normal : 5 L
Water use	- Onboard freshwater (integrated solenoid valve) - Minimum pressure of supplied water 1.7 bar
Weight	Sanimarin 43 : 23 kg Sanimarin 4 : 26 kg Sanimarin Exclusive Medium : 26 kg

REFERENCES



DESIGNATION	CODE	EAN
Sanimarin 4 Plus 110 V	SN4110V	3308815076539
Sanimarin 4 Plus 220 V	SN4220V	3308815076546
Sanimarin 4 Dual Flush 110 V	SN4110VDF	3308815076553
Sanimarin 4 Dual Flush 220 V	SN4220VDF	3308815076560
Sanimarin 43 Plus 110 V	SN43110V	3308815076577
Sanimarin 43 Plus 220 V	SN43220V	3308815076584
Sanimarin 43 Dual Flush 110 V	SN43110VDF	3308815076591
Sanimarin 43 Dual Flush 220 V	SN43220VDF	3308815076607
Sanimarin Exclusive Medium Plus 110 V	SNEXCLM110V	3308815076690
Sanimarin Exclusive Medium Plus 220 V	SNEXCLM220V	3308815076706
Sanimarin Exclusive Medium Dual Flush 110 V	SNEXCLM110VDF	3308815076713
Sanimarin Exclusive Medium Dual Flush 220 V	SNEXCLM220VDF	3308815076720

2 CONTROL SYSTEMS



Pneumatic button **Plus** on the WC unit.

Two automatic cycles:
Normal: press once (5l of water)

Eco: press twice rapidly (3,6 L of water)

Press and hold to place the WC in "dry bowl" mode..



Electric button **Dual Flush** on the WC unit.

Two automatic cycles:

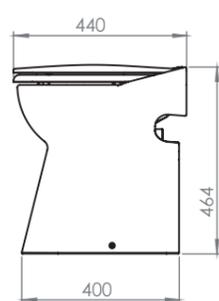
Normal : 5 L.
Eco : 3.6 L.

Press both buttons simultaneously to place the WC in "dry bowl" mode.

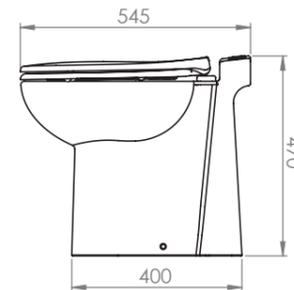
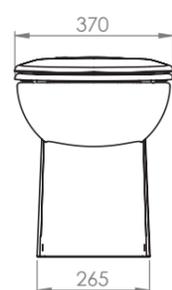
VIEWES & DIMENSIONS (MM)



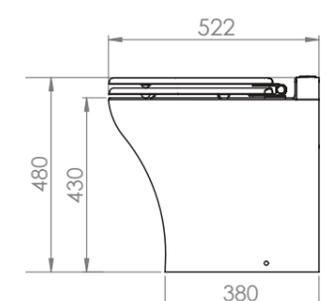
Sanimarin 43



Sanimarin 4



Sanimarin Exclusive Medium



.... Sanimarin Pump

RECOVERS GREY WATER ONBOARD.



..... COMPACT AND POWERFUL

TECHNICAL FEATURES

Possible connections	Sink, shower, washbasin
Vertical pumping height	4 m
Exterior check valve	Removable
Outlet diameter	22 to 32 mm
Inlets	2 low inlets 40 mm (right or left-hand)
Activation level	65 mm
Max waste water temperature	35°C
Supply voltage	12 V or 24 V
Motor power rating	12 V : 70 L/min, I max = 28 A, Pmax = 340 W 24 V : 80 L/min, I max = 15 A, Pmax = 360 W
Weight	3,5 kg



REFERENCES

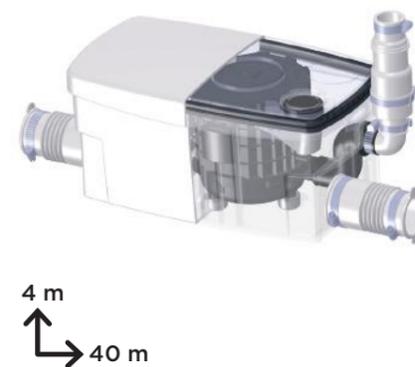


DESIGNATION	CODE	EAN
Sanimarin Pump Up 12 V	D2UP12V	3308815074665
Sanimarin Pump Up 24 V	D2UP24V	3308815074672

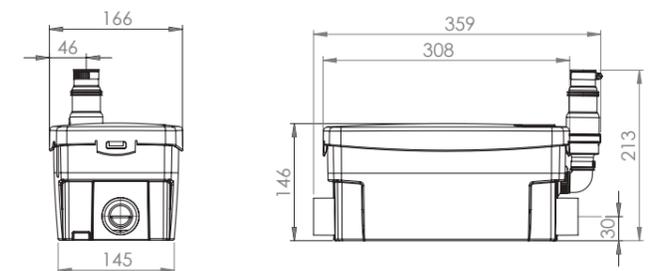


- Quiet - 46 dB(A)
- Small dimensions
- 2 low inlets
- Odourless Integrated active carbon filter
- Low activation level
- Reduces the number of hull valves

TECHNICAL VIEW



DIMENSIONS (MM)



.... Control systems & OPTIONS

SFA LETS YOU CHOOSE THE CONTROL SYSTEM YOU WANT, NO MATTER WHAT MODEL OF TOILET YOU HAVE SELECTED.

THE ELECTRIC SWITCH COMFORT AND WALL MOUNTING KIT

THE ELECTRIC SWITCH COMFORT



- A flushing position
- A maceration - pumping position

The duration of each cycle is controlled by the user to suit their requirements.

OPTION WALL MOUNTING KIT

In cases where it is difficult to recess the controls in the wall, SFA proposes an optional wall mounting screw box for models equipped with electric switch Comfort.



PNEUMATIC BUTTON PLUS & ELECTRIC BUTTON PREMIUM

PNEUMATIC BUTTON PLUS

- Two automatic cycles
2,4 L of rinse water by one single tap
1,2 L of rinse water by 2 successive pushes
- A control Dry Bowl by extended push

ELECTRIC BUTTON PREMIUM

- Two automatic cycles
Normal: 2,4 L of rinse water
Eco: 1,2 L of rinse water
- Dry Mode Bowl: press and hold the Normal mode button
- A Tank indicator light showing that the black water tank is full



PLEASE NOTE

1. To ease the installation, these two systems can be installed directly on the bowl (except Sanimarin 31).

2. The names of these 2 systems have been changed: "Comfort Plus" becomes "Plus", and "Comfort Luxe" becomes "Premium"

THE ELECTRONIC KEYBOARD LUXE AND FRAME COLOUR OPTIONS

THE ELECTRONIC KEYBOARD LUXE



- Power ON indicator light
- A Normal flushing cycle that uses 2.4 L of water
- An Eco flushing cycle that uses 1.2 L of water
- A Tank Full indicator light showing that the black water tank is full
- Empty: key pressed to empty the bowl completely in choppy seas

OPTION

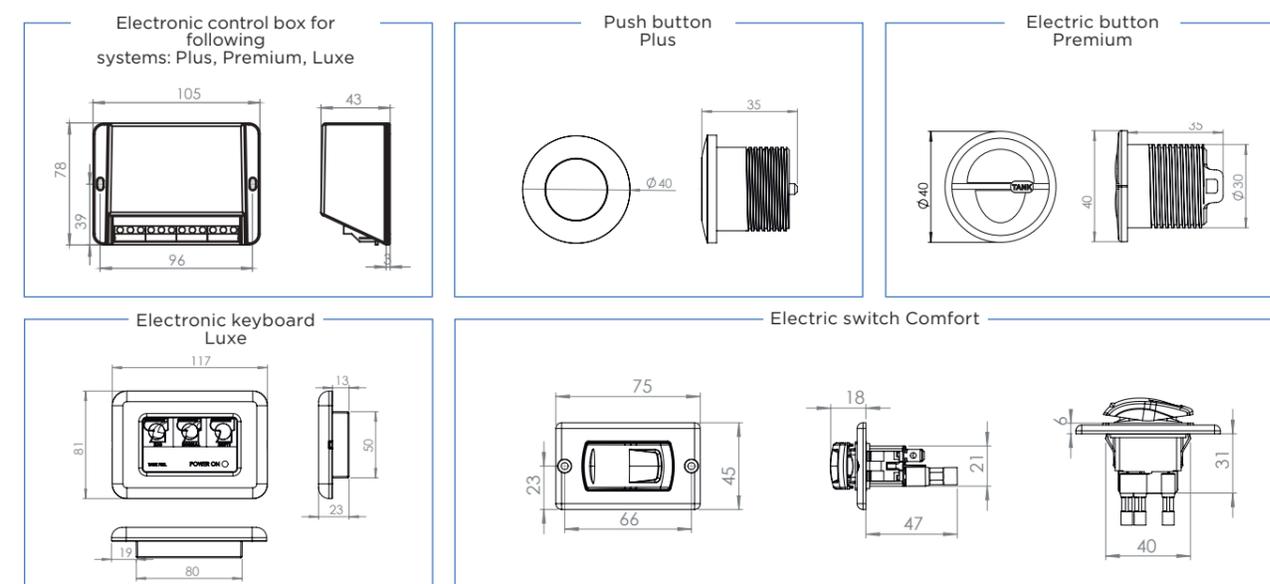
FRAME COLOUR OPTIONS FOR ELECTRONIC KEYBOARDS LUXE

To make your interior look even better, SFA proposes touchpad frames in different colours.

- Standard: white colour
- All electronic Luxe keyboards are delivered as standard with a white colour frame.
- Options: 3 colours to choose (Grey, Black carbon, Glossy brown).



DIMENSIONS



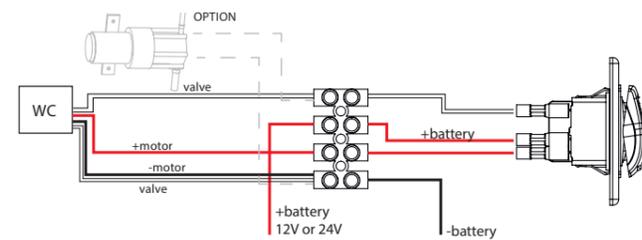
.... Electrical installation

MAXIMUM ELECTRICAL AUTONOMY

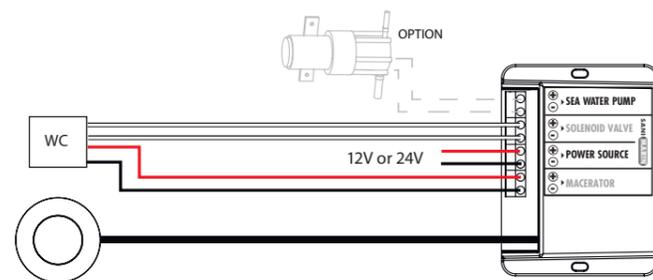
Sanimarin solutions consume very little electricity (0.007 Ah per second / 12V).
The energy savings enhance the craft's autonomy, for even greater options.

INSTALLATION DIAGRAMS

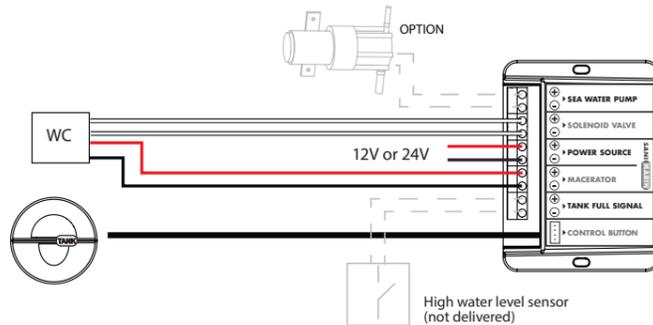
Comfort



Plus

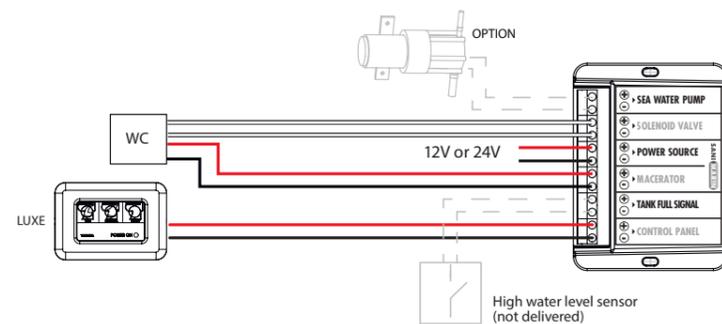


Premium



High water level sensor (not delivered)

Luxe



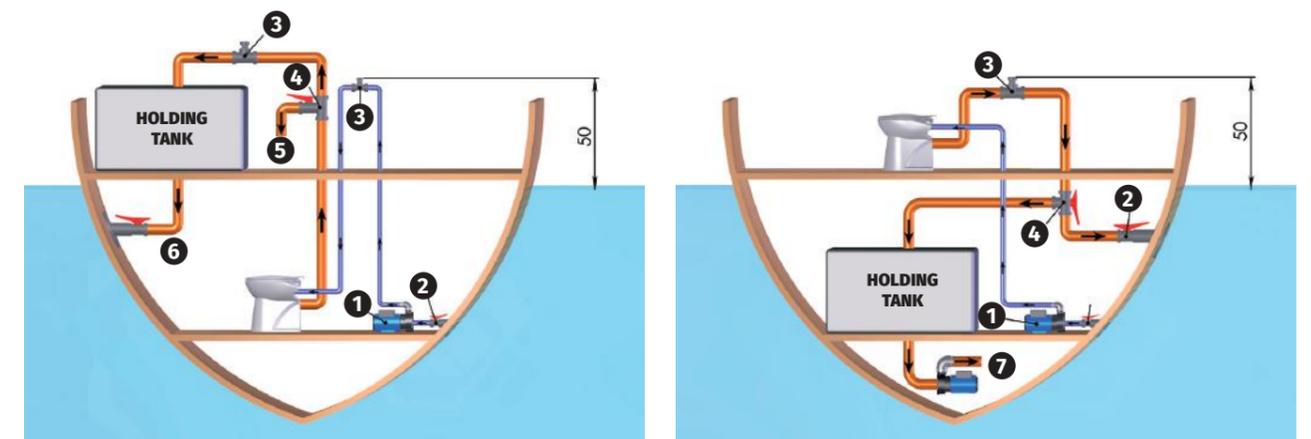
High water level sensor (not delivered)

.... Hydraulic installation

WATER, THE MAIN RESOURCE TO BE SAVED

The automatic cycles can be kept very short, with consumption levels of just 1.2 L per cycle. The water used can be freshwater or seawater, to be even more environmentally friendly.

Installation adaptable to all configurations and all types of watercrafts.



WC below sea level, gravity draining of holding tank

WC above sea level, holding tank below sea level

- 1 Seawater pump
- 2 Stop cock
- 3 Vent
- 4 3 way valve
- 5 Discharge of the toilet direct to the sea
- 6 Gravity drainage to the sea from the holding tank
- 7 Discharge to the sea from the holding tank

OPTIONAL



Sanimarin Sea pump

- To provide pumped salt or fresh water for your sanitary fittings directly from outside the boat
- Flow max: 11 L / min
- Maximum suction lift: 2 m

DESIGNATION	CODE	EAN
Sanimarin Sea Pump 12 V	SEAPUMP12V	3308810033452
Sanimarin Sea Pump 24 V	SEAPUMP24V	3308810033469

.... More information

ABOUT OUR PRODUCT RANGE (12V OR 24V)

			Sanimarin Maxlite+	Sanimarin Maxlite+S	Sanimarin 31	Sanimarin 32	Sanimarin Exclusive Short	Sanimarin 43	Sanimarin Exclusive Medium
			COMPACT RANGE					QUIET RANGE	
More information			p. 8-9	p. 10-11	p. 12-13	p. 14-15	p. 16-17	p. 18-19	p. 20-21
Control systems, more information p. 26-27	Electric switch		•	•	•	•	•	•	•
	Push button and electric button on the bowl or external for SN 31		×	×	•	•	•	•	•
	Electronic keyboard		×	×	•	•	•	•	•
Total time required	Electric switch		User's choice						
	Pneumatic button or electric button	Eco Normal	×	×	8 s / 15 s				
	Electronic keyboard	Eco Normal	×	×	8 s / 15 s				
Pumping height			3 m						
Horizontal pumping distance			30 m						
Water consumption	Electric switch		Quantity decided by the user						
	Push button and electric button	Eco Normal	×	×	1,2 L / 2,4 L				
	Electronic keyboard	Eco Normal	×	×	1,2 L / 2,4 L				
Water use	Onboard freshwater: integrated solenoid valve		×	•	•	•	•	•	•
	Outside pressurised water via external pump 11 L / min (optional)		×	×	•	•	•	•	•
	Outside water via sea pump integrated in the system		•	×					
Minimum pressure		×	1,7 bar						
Electricity consumption per second	Electric switch		12 V: 0,007 Ah 24 V: 0,004 Ah						
Electricity consumption per automatic cycle	Electronic keyboard / Push button and Electric button	Eco Cycle: 8 s	×	×	12 V: 0,056 Ah 24 V: 0,032 Ah				
		Normal Cycle: 15 s	×	×	12 V: 0,105 Ah 24 V: 0,060 Ah				
Current consumption	12 V (300 W)		25 A						
	24 V (360 W)		15 A						
Cable sizes	12 V (300 W)		1,5 mm ² = 1 m max / 2,5 mm ² = 2 m max / 4 mm ² = 3 m max / 6 mm ² = 4,3 m max						
	24 V (360 W)		1,5 mm ² = 3,5 m max / 2,5 mm ² = 6 m max / 4 mm ² = 9,5 m max / 6 mm ² = 14 m max						
Weight			8 kg	17 kg	19 kg	21 kg	23 kg	26 kg	

.... SFA products fully comply

WITH THE NEW ENVIRONMENTAL REQUIREMENTS

A regulatory framework for black water

The international community as a whole has adopted directives in a number of countries to improve and durably protect water quality.

European directive 94/25 CE regarding boats equipped with toilets notably highlights that the latter "must be equipped with tanks, in other words facilities that can hold tanks".

HOW TO COMPLY WITH THE LAW ON BLACKWATER DISCHARGES?

The most suitable solution to comply with blackwater regulations is to equip your boat with SFA electric marine toilets. They meet the required compliance requirements whilst offering you style and comfort on board. Electric toilets can be installed on new boats under construction and can replace existing manual pump toilets on older craft.

Whatever your sanitary configuration, the installation of the SFA marine toilets is quick and easy.

💧 With lifting capabilities of up to 3 m height and 30 m horizontal distance, SFA marine toilets can evacuate to the black tank wherever its location.

💧 The efficient maceration system facilitates tank emptying and cleaning.

💧 The tank's autonomy is also improved by controlling the quantity of flushing water.

💧 The safety of the black water tank management is ensured thanks to Luxe and Premium systems (tank full indicator light).

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 **SFA** GROUP
Shaking up water