

2019



ENJOY HOME
COMFORTS ON BOARD



SANI **MARIN** **SFA**

THE BENCHMARK FOR AUTOMATIC TOILETS

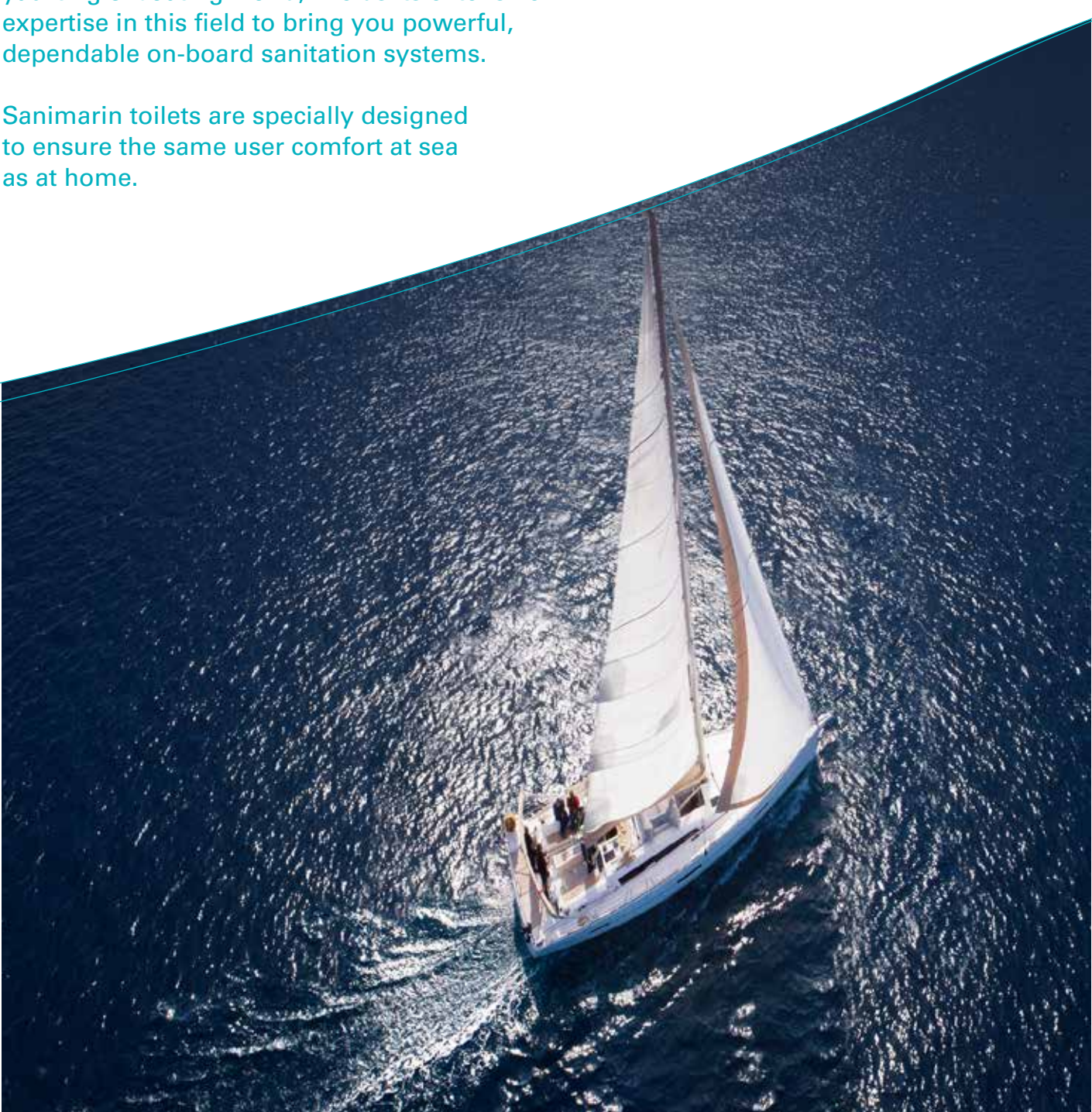
THE INVENTOR & WORLD'S LEADING

MANUFACTURER OF MACERATOR TOILETS AT YOUR SERVICE

Founded in 1958, SFA revolutionised the sanitary equipment market by creating the electrical macerator toilet, otherwise known as the Saniflo.

Sanimarin, the Group's brand dedicated to the yachting & boating world, wields its extensive expertise in this field to bring you powerful, dependable on-board sanitation systems.

Sanimarin toilets are specially designed to ensure the same user comfort at sea as at home.



SFA COMBINES COMFORT AND TECHNOLOGY

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.

SN MAXLITE+	SN MAXLITE+S New	SN 31	SN EXCLUSIVE SHORT
			
4 5	6 7	8 9	10 11

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.

SN 43 New	SN 35	SN 35ST	SN EXCLUSIVE MEDIUM	SN EXCLUSIVE MEDIUM BIDET
				
12 13	14 15	14 15	16 17	16 17

PROFESSIONAL RANGE (110V, 220V)

A range of WC units designed especially for boats with a high onboard electrical power capacity.

SN 43	SN 4	SN EXCLUSIVE MEDIUM
		
18 19	18 19	18 19

GREY WATER PUMP

Essential for installing a shower or basin.

SN PUMP

20 21

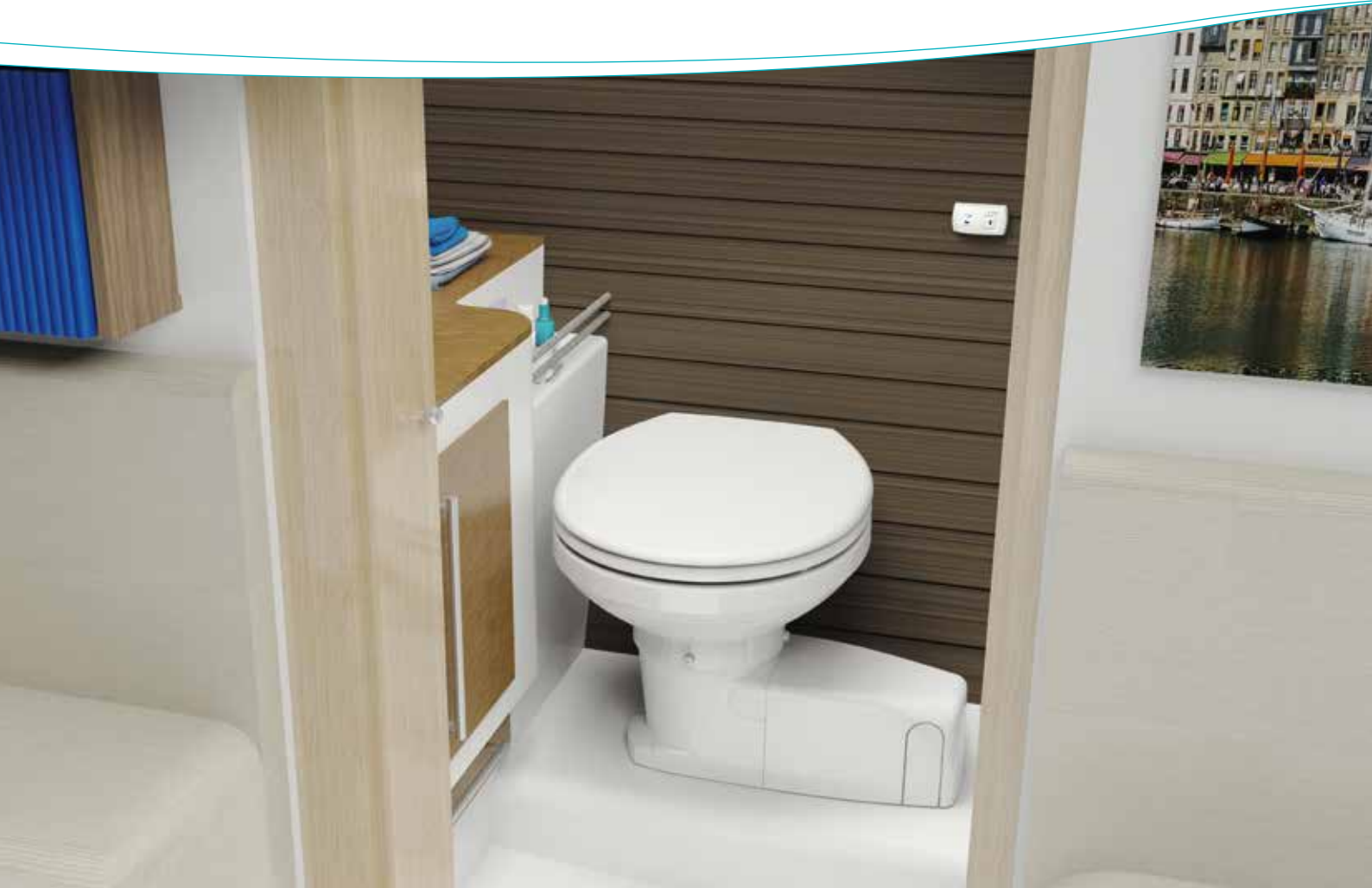
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SANIMARIN MAXLITE

A Saniflo unit to replace your manually-operated WC, regardless of its original configuration.

IDEAL FOR SMALL SPACES,
ADAPTS TO ALL CONFIGURATIONS

MADE IN
FRANCE





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) et 0,004 Ah (24 V) per second (see detail p.30)
WATER CONSUMPTION	Quantity decided by the user
WATER USE	<ul style="list-style-type: none">• 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




The electric switch
MAXLITE+ COMFORT




Easily replaces a hand pumped toilet




Reversible motor/ pump unit for right or left hand installation




Ultra-light material used for bowl construction



Enables variable positioning of the bowl



Soft close seat




Features SFA macerator technology

TECHNICAL VIEW

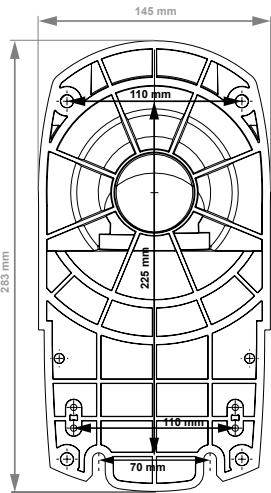
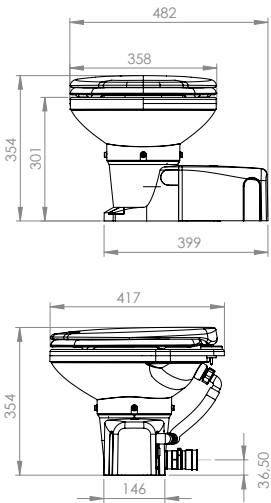


- Built-in self-priming pump
- An additional piece included in the accessory bag



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. Being ultra-efficient, it can be integrated into all types of configurations.

MAXIMUM COMFORT

MADE IN FRANCE

New 2019



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) et 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



The electric switch
MAXLITE+S COMFORT



Connection to the pressurised water onboard



Reversible motor/ pump unit for right or left hand installation



Ultra-light material used for bowl construction



Enables variable positioning of the bowl



Soft close seat

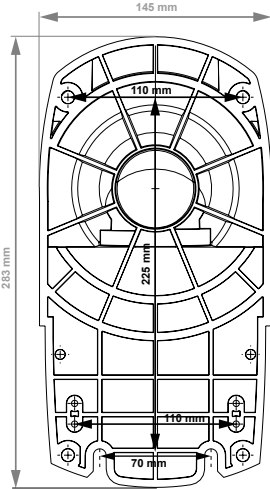
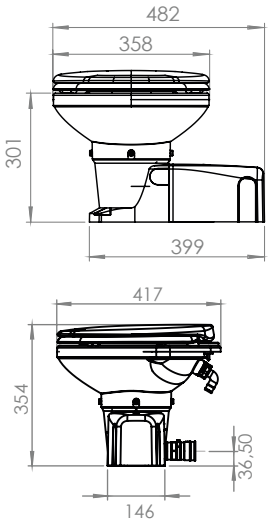


Features SFA macerator technology

TECHNICAL VIEW



DIMENSIONS (mm)

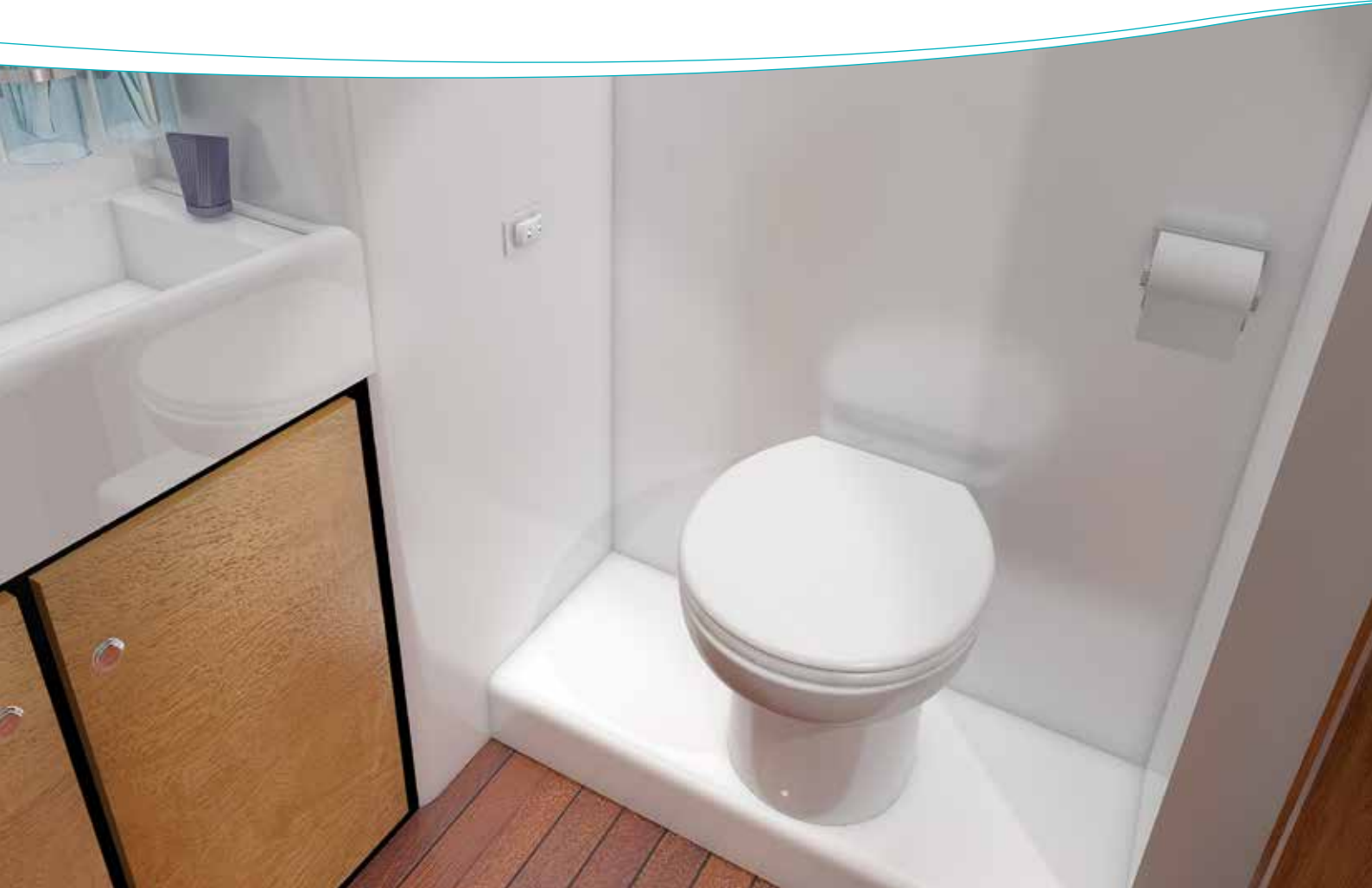


SANIMARIN 31

Thanks to its compact footprint this model fits easily into confined spaces.

SANIMARIN
BESTSELLER

MADE IN
FRANCE



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	<ul style="list-style-type: none">• Onboard freshwater (integrated solenoid valve) or outside pressurised water• Minimum pressure of supplied water 1.7 bar• Recommended pump flow rate 11L/min
WEIGHT	17 kg

4 CONTROL SYSTEMS



The electric switch
SN 31 COMFORT

New



The push button placed remotely
SN 31 COMFORT LUXE



SN 31 COMFORT PLUS



The electronic keyboard
SN 31 LUXE

TECHNICAL VIEWS

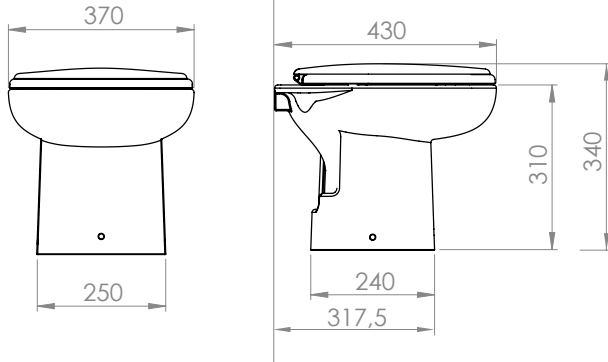


Discharge downwards



Other options for discharge

DIMENSIONS (mm)



Mounting on a raised step



Easy to use



Soft close seat



Connection to the pressurised water onboard



Quiet



Features SFA macerator technology

SANIMARIN EXCLUSIVE SHORT

New clean lines for the short model.

COMPACT AND
MODERN DESIGN

MADE IN
FRANCE



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	<ul style="list-style-type: none">• Onboard freshwater (integrated solenoid valve) or outside pressurised water• Minimum pressure of supplied water 1.7 bar• Recommended pump flow rate 11L/min
WEIGHT	21 kg

4 CONTROL SYSTEMS



The electric switch
SN EXCLUSIVE
SHORT COMFORT

New



The push button on the bowl
SN EXCLUSIVE
SHORT COMFORT LUXE



SN EXCLUSIVE
SHORT COMFORT PLUS



The electronic keyboard
SN EXCLUSIVE SHORT LUXE



Vertical
back line



Comfortable



A 360° powerful
flushing system



Easy to use



Quiet



Features SFA
macerator
technology

TECHNICAL VIEWS

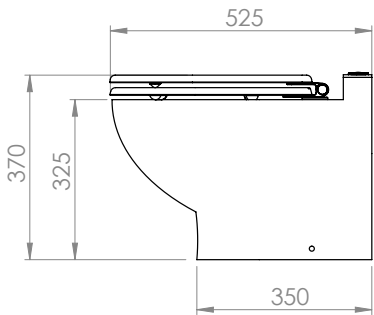
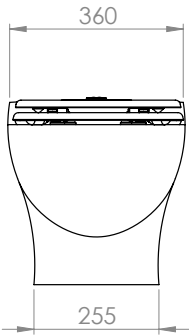


Discharge
downwards



Other options
for discharge

DIMENSIONS (mm)



SANIMARIN 43

With its pure and simple lines, it fits easily into all spaces.

COMFORTABLE
AND FUNCTIONAL

MADE IN
FRANCE

New 2019



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	<ul style="list-style-type: none"> Onboard freshwater (integrated solenoid valve) or outside pressurised water Minimum pressure of supplied water 1.7 bar Recommended pump flow rate 11L/min
WEIGHT	23 kg

4 CONTROL SYSTEMS



The electric switch
SN 43 COMFORT

New



The push button on the bowl
SN 43 COMFORT LUXE SN 43 COMFORT PLUS



The electronic keyboard
SN 43 LUXE



Vertical
back line



Connection
to the pressurised
water onboard



Quiet
Acoustic pressure :
52 dB(A)



Soft close
seat



Easy
to use

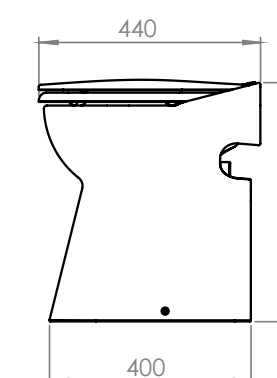
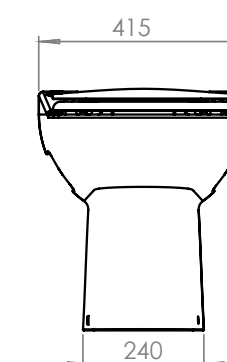


Features SFA
macerator
technology

TECHNICAL VIEW



DIMENSIONS (mm)



SANIMARIN 35ST

Easy to install against a vertical partition.

QUIET AND
COMFORTABLE

MADE IN
FRANCE



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 2.2 L
WATER USE	<ul style="list-style-type: none">Onboard freshwater (integrated solenoid valve) or outside pressurised waterMinimum pressure of supplied water 1.7 barRecommended pump flow rate 11L/min
WEIGHT	21 kg

4 CONTROL SYSTEMS



The electric switch
SN 35ST COMFORT

New



The push button on the bowl
SN 35ST COMFORT LUXE SN 35ST COMFORT PLUS



The electronic keyboard
SN 35ST LUXE



Vertical
back line



Connection
to the pressurised
water onboard



Quiet
Acoustic pressure :
52 dB(A)



Soft close
seat



Easy
to use



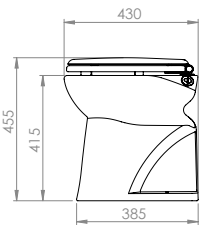
Features SFA
macerator
technology

TECHNICAL VIEWS

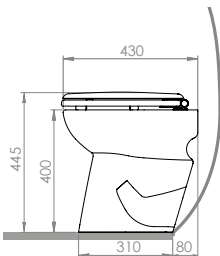
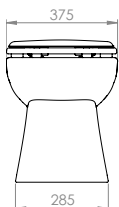


Version with sloping back
available : SN 35

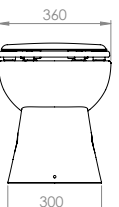
DIMENSIONS (mm)



SN 35 ST



SN 35



SANIMARIN EXCLUSIVE MEDIUM

The most luxurious of the range.

QUIET AND
MODERN DESIGN

MADE IN
FRANCE



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	<ul style="list-style-type: none"> Onboard freshwater (integrated solenoid valve) or outside pressurised water Minimum pressure of supplied water 1.7 bar Recommended pump flow rate 11L/min
WEIGHT	26 kg

4 CONTROL SYSTEMS



The electric switch
SN EXCLUSIVE
MEDIUM COMFORT

New



The push button on the bowl
SN EXCLUSIVE MEDIUM COMFORT LUXE
SN EXCLUSIVE MEDIUM COMFORT PLUS



The electronic keyboard
SN EXCLUSIVE MEDIUM LUXE



Comfortable



Contemporary
design



Quiet
Acoustic pressure :
52 dB(A)



Vertical
back line



A 360° powerful
flushing system



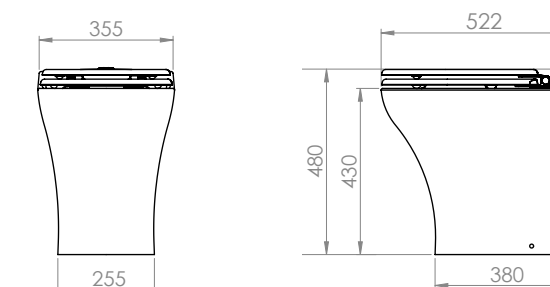
Features SFA
macerator
technology

TECHNICAL VIEWS



Exists in a combined toilet/bidet version
Sanimarin Exclusive Medium
Bidet delivers economy and space savings thanks to the clever design of the automatic WC combined with the bidet.

DIMENSIONS (mm)



PROFESSIONAL RANGE (110V, 220V)

A comprehensive range of marine WCs to meet every requirement.

ROBUST AND COMFORTABLE WCS

MADE IN FRANCE



Easy to use



Features SFA macerator technology



Connection to the pressurised water onboard

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	<ul style="list-style-type: none">Onboard freshwater (integrated solenoid valve)Minimum pressure of supplied water 1.7 bar
WEIGHT	SN 43 : 23 kg SN 4 : 26 kg SN EXCLUSIVE MEDIUM : 26 kg

2 CONTROL SYSTEMS

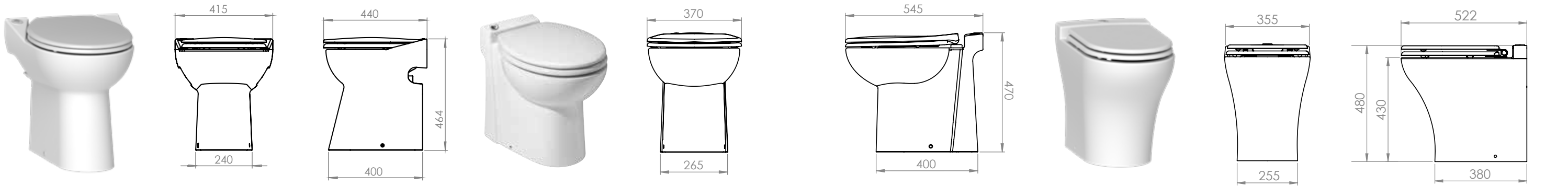


Pneumatic button COMFORT PLUS on the WC unit.
Two automatic cycles:
Normal: press once (5l of water)
Eco: press twice rapidly (3.6 L of water)
Press and hold to place the WC in "dry bowl" mode.



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.

VIEWS & DIMENSIONS (mm)



SN 43

SN 4

SN Exclusive Medium

SANIMARIN PUMP

Recovers grey water onboard.

COMPACT
AND POWERFUL

MADE IN
FRANCE



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



Small dimensions



2 low inlets



Odourless
Integrated active
carbon filter



Low activation
level



Quiet
46 dB(A)



Reduces the
number of hull
valves

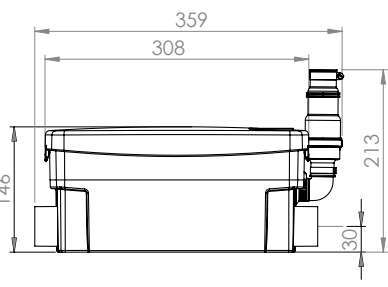
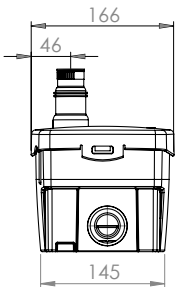
TECHNICAL VIEW



Sanimarin Pump must be installed in the direction of movement of the boat.

4 m
↗
40 m

DIMENSIONS (mm)



CONTROL SYSTEMS & OPTIONS

Sanimarin lets you choose the control system you want, no matter what model of toilet you have selected.

ELECTRIC SWITCH COMFORT AND WALL MOUNTING KIT

ELECTRIC SWITCH COMFORT



FEATURES 2 POSITIONS

- 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, SANIMARIN offers an optional wall mounting screw box for models equipped with electric switch COMFORT.



COMFORT LUXE AND COMFORT PLUS BUTTONS

New

ELECTRIC BUTTON COMFORT LUXE



TWO AUTOMATIC CYCLES

- Normal: 2,4 L of rinse water
- Eco: 1,2 L of rinse water
- DRY MODE BOWL: press both buttons simultaneously
- ATANK indicator light showing that the black water tank is full



PUSH BUTTON COMFORT PLUS

FEATURES 3 POSITIONS

- 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.

OPTION

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



KEYBOARD LUXE AND FRAME COLOUR OPTIONS

ELECTRONIC KEYBOARD LUXE



ITS FUNCTIONS

- 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
- ATANK 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, SANIMARIN offers touchpad frames in different colours.

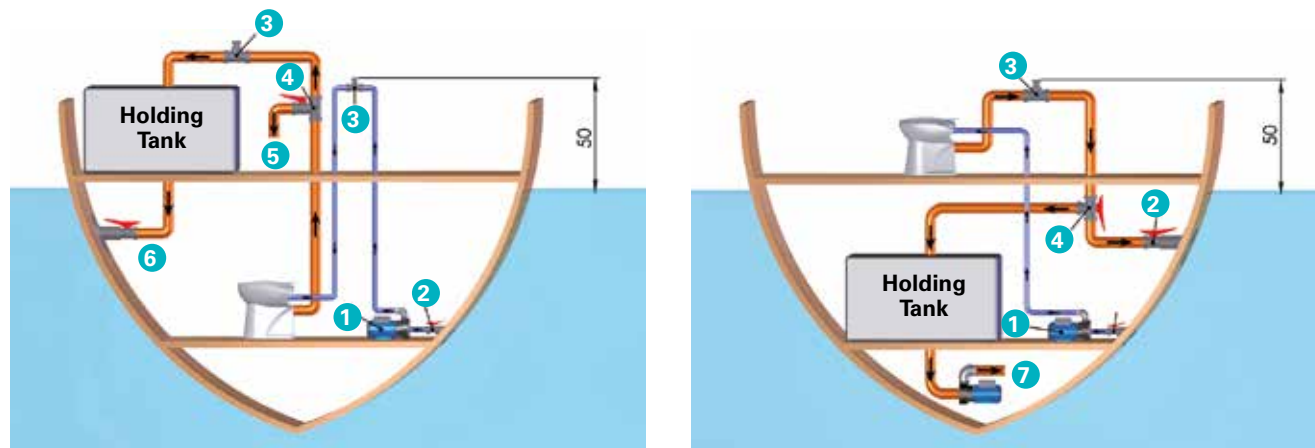
- Standard : **white colour**
- All electronic Luxe keyboards are delivered as standard with a white colour frame.
- Options : **3 colours to choose** (Grey, Black carbon, Glossy brown).

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 watercraft.
You can supply your WC with seawater through the optional pump or with fresh water.



WC below sea level, gravity draining of holding tank

WC above sea level, holding tank below sea level

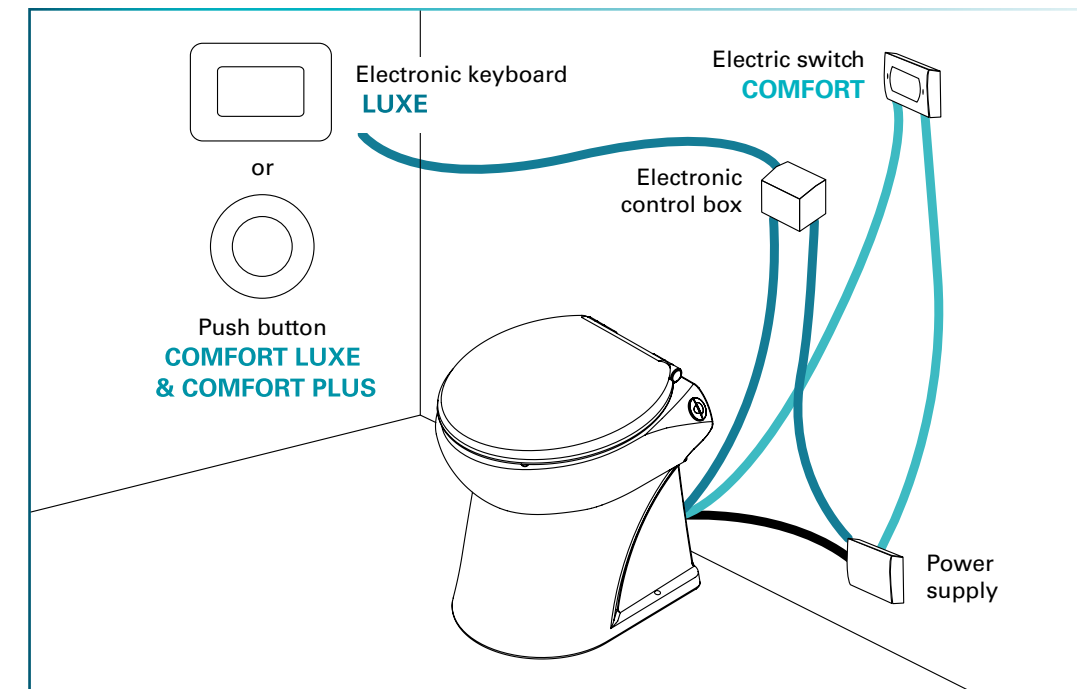
- 1 Seawater pump
- 2 Stop cock
- 3 Vent
- 4 3 way valve
- 5 Discharge of the toilet direct to the sea
- 6 Gravity drainage to the sea from the holding tank
- 7 Discharge to the sea from the holding tank

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.

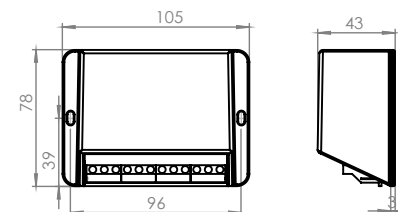
INSTALLATION DIAGRAM



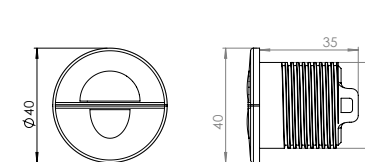
- 110V/220V range installation
- Luxe and Comfort Plus models installation (12 V or 24 V)
- Comfort models installation (12 V or 24 V)

DIMENSIONS (mm)

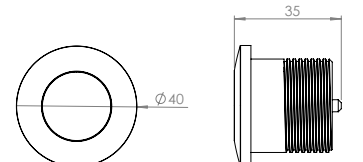
Electronic control box
LUXE, COMFORT LUXE, COMFORT PLUS



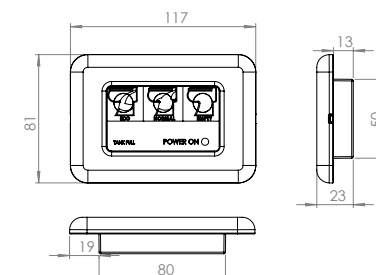
Push button
COMFORT LUXE



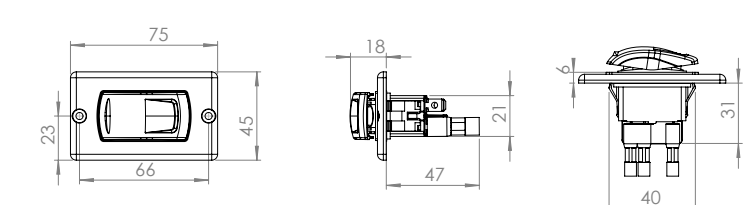
Push button
COMFORT PLUS



Electronic keyboard LUXE









Electric switch COMFORT



MORE INFORMATION

ABOUT OUR PRODUCT RANGE

										
			SN Maxlite+ / Maxlite+S	SN 31	SN Exclusive Short	SN 43	SN 35 / SN 35 ST	SN Exclusive Medium*	PROFESSIONAL RANGE (110 V, 220 V)	
			COMPACT RANGE			QUIET RANGE				
More information			P. 4-7	P. 8-9	P. 10-11	P. 12-13	P. 14-15	P. 16-17	P. 18-19	
Control systems, more information P. 22	Electric switch		•	•	•	•	•	•		
	Push button on the bowl or external for SN 31, SN 35			•	•	•	•	•	•	
	Electronic keyboard			•	•	•	•	•		
Total time required	Electric switch		User's choice							
	Push button	Eco Normal		8 s / 15 s						
	Electronic keyboard	Eco Normal		8 s / 15 s						
Water consumption	Electric switch		Quantity decided by the user							
	Push button	Eco Normal		1,2 L / 2,4 L						Eco : 3,6 L Normal : 5 L
	Electronic keyboard	Eco Normal		1,2 L / 2,4 L						
Pumping height			3 m							
Horizontal pumping distance			30 m							
Weight			8 kg	17 kg	21 kg	23 kg	21 kg	26 kg	See page 19	
Minimum pres- sure			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	Eco Cycle : 8 s		12 V : 0,056 Ah 24 V : 0,032 Ah						
	Push button	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 mm² = 1 M max / 2,5 mm² = 2 M max / 4 mm² = 3 M max / 6 mm² = 4,3 M max							
	24 V (360 W)		1,5 mm² = 3,5 M max / 2,5 mm² = 6 M max / 4 mm² = 9,5 M max / 6 mm² = 14 M max							

* Available in BIDEt version, with LUXE keyboard only-weight 28 kg-identical characteristics to SN Exclusive Medium.

SANIMARIN FULLY COMPLIES

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”



Reasons that make SANIMARIN products resolutely eco-responsible:

- With lifting capabilities of up to 3 m height and 30 m horizontal distance, Sanimarin 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.



SANIMARIN PRODUCTS THROUGHOUT THE WORLD

OUR PRODUCTS ARE AVAILABLE FROM 25 SUBSIDIARIES
AND NUMEROUS INTERNATIONAL PARTNERS

More information on
www.sanimarin.com

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75007 Paris
tel : + 33 1 44 82 39 20
sanimarin@sfa.fr

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tel : + 33 1 44 82 25 55