

Saniflo **©SFA**

PUMPS & LIFTING STATIONS

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UNDERGROUND LIFTING STATIONS 52

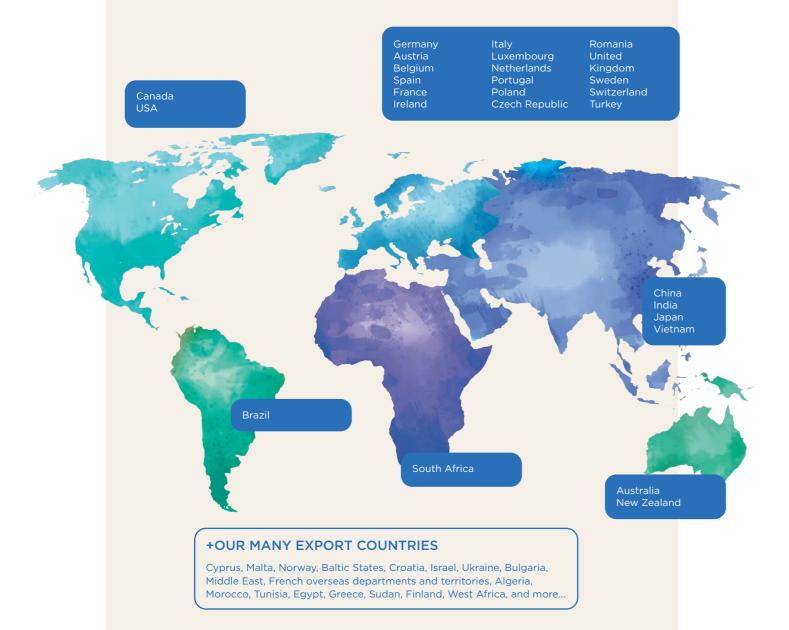
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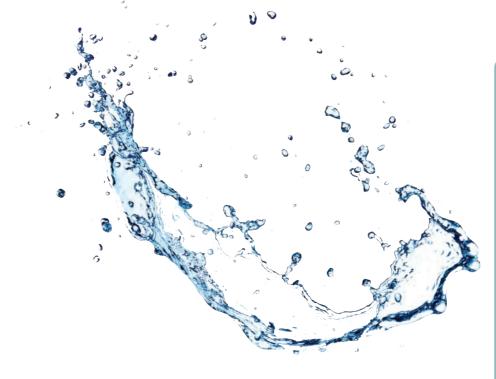


SFA GROUP: THE WORLD LEADER FOR SANITARY EQUIPMENT

AN INTERNATIONAL GROUP

SFA is established in 27 countries on 5 continents. Not only providing products but also trained professionals to help install and maintain our products to keep our customers happy.





THE SFA GROUP

In 1958 SFA Group invented the macerator; an ingenious product that has revolutionised interior design throughout the world.

Our technological advances mean we have strived to improve our offer both to homes and commercial properties.

The SFA Group is focusing on 4 main areas of development:

- Domestic pumping solutions
- Commercial pumping solutions
- Equipment for the showering and spa industries
- Water treatment

VISION AND PERSPECTIVE

Our growth in the sector was boosted by the acquisition of Zehnder Pumpen, who were already a global player in the lifting stations market.

Now SFA has an even stronger market position and even more pumps and lifting stations in our range to bring you the product that is right for your project. **1958** SFA was founded and the first macerator was invented. Acquisition of Europelec

1970 Established the market in Europe and North America

1988 Acquisition of Kinedo our shower brand

1990 ISO certification of our factories

2019 Acquisition of Zehnder Pumpen

2020

New corporate identity and acquisition of Format showers and Aquaturbo Systems

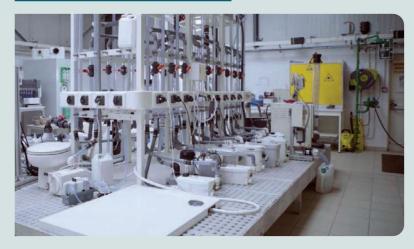
2022 Creation of two new subsidiaries - India and Vietnam

OUR FACTORIES IN FRANCE

The Saniflo factory in Brégy, France has been operating since 1958 and now has around 300 employees, all working hard to bring to life our SFA motto 'making things easier' for both our customers and installers.

Due to the continuous investment, our site in Brégy has grown significantly and is now almost a completely autonomous production centre.

TEST AND DESIGN



New ideas and thorough testing take place in the site laboratory, to ensure the quality and longevity of each product.

PRODUCING COMPOSITE AND RUBBER PARTS



We have 42 injection moulding machines and 760 moulds within the factory. The production is fully automated, from taking the plastic pellets from silos right through to finished goods.

SFA ACADEMY



Our factory in Brégy now has a 300 m² showroom with an adjoining 40 m² training room for training via the SFA Academy. The showroom displays about 50 SFA products, including domestic and commercial products.

Our UK head office also has a meeting room and a showroom.

WINDING AND MANUFACTURING MOTORS



ELECTRONIC COMPONENTS



Our electronic components are also manufactured on site at Brégy and assembled by our operators.

LOGISTICS

Products are shipped worldwide from our Brégy factory.





SFA production lines have included the manufacture of the winding and assembly of the motors since 1960.

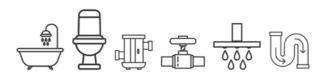
This is fully robotic process with digital controls to ensure the quality of the process throughout the production.

COMPONENT ASSEMBLY



Components are assembled partly by hand and partly by robots to ensure each component is meticulously positioned.





Made in Europe

SFA has invested heavily in high performance equipment to advance its production methods and times.

We manage the quality control at each stage of production to maximise efficiencies and ensure the quality of each component to make every unit reliable and give our customers confidence in the Saniflo brand.

We are recognised by independent laboratories and each factory meets the various standards required for our products to be sold across the world:

CE label for Europe

- CSA standard for North America
- PCT standard for the Russian market JET standard for Japan

SFA macerators are recognised as the **quietest** on the market by the National Metrology and Testing Laboratory.



BRÉGY, FRANCE

The Brégy plant is based in the village of Oise and has over 300 employees. Over the years significant investment has moved the factory on from a simple production site to a largely self-sufficient production centre. To guarantee product quality from start to finish we have integrated the manufacturing of components into our own production processes.

The 25,000 m² factory is divided into four units to manage the production of composite and rubber parts, the manufacture of motors, assembly of components and electronic components. This tight control ensures the reliability and quality of our processes and products.



GRANDFORM

technology.

Kinedo is our specialist showering brand.

With acquisitions of Blanc, Algue, Grandform and Format, the Kinedo brand has grown in strength and consists of shower cubicles, enclosures, trays, walk in shower baths as well as spa equipment.



ZehnderPumpen

Our recent acquisition of Zehnder Pumpen has strengthened our position in the commercial pumps field and includes heavy duty macerators, pumps and lifting stations for above and below around.

> Products from both our French and German factories offer solutions for both black water and grey water, for large commercial and industrial premises or large housing projects for example: factories, large public buildings, apartment blocks, office blocks etc.



GRÜNHAIN-BEIERFELD, ALLEMAGNE

SFA Group acquired **Zehnder**Pumpen in 2019, they are specialists in the production of submersible pumps, garden pumps, lifting stations and domestic pumps.

Our two production plants share the values of SFA within the sanitary industry: innovation, robustness, durability and performance.





Europelec, specialists in water treatment, was founded in 1958 and developed our know-how in engineering and

Aqua Turbo systems joined the group in 2020 and together they have been rebranded to form our SFA



Saniflo **©SFA**

Our range of macerators and pumps are developed, designed, manufactured and tested in France.

The range has grown both in products and technology, to cover all markets. Whether it's domestic or commercial from a single house to a shop, hotel or public building Saniflo has a solution. The Saniflo brand is synonymous with quality, technology and reliability.

SFA



CORPORATE SOCIAL RESPONSIBILITY

OUR GOAL: TO DESIGN AND MANUFACTURE DOMESTIC AND PROFESSIONAL SOLUTIONS WHEREVER WATER FLOWS

In 2016, the management of SFA decided to engage the whole group in a Corporate Social Responsibility process looking at the environmental impact of the business, to meet new challenges in terms of communication, human resources and regulatory conformity.

Our commitment is to ensure growth whilst being sustainable and responsible for our activities, to meet social and environmental challenges whilst delivering excellent customer service.

Our inventiveness in the design of our products as well as the creation of our brands respect two fundamentals: quality and service. SFA solutions and products set a benchmark within the profession and beyond when it comes to respecting best practices.

Issues related to the environment and looking at our eco-responsibilities start from the design through to delivery of the final product, as we look at ways we can reduce waste. We not only strive to improve our own performance, but also to raise the bar ever higher amongst our partners and suppliers.



SOCIAL COMMITMENT AND SPONSORSHIP

In 2021, the SFA Group donated three AquaHome systems in Cambodia by partnering with Planet Water Foundation. Three of the poorest households in Siem Reap now and for the first time ever have clean water and lighting.

Since 2018, SFA has been supporting the organisation 'Une Villa en Urgence' during World Toilet Day by donating products. These are used when repurposing spaces from old refrigerated truck trailers, into emergency accommodation for those without homes.

ECOVADIS CSR ASSESSMENT



EcoVadis, the world's most reliable corporate sustainability assessor, awarded a bronze medal to the SFA Group.

The EcoVadis assessment is based on international sustainable development criteria, such as the Global Reporting Initiative (GRI) standards, the United Nations Global Compact and the ISO 26000 standard, which covers 200 categories of contributions and more than 160 countries.

The SFA Group was rated on the basis of a sustainability criteria assessment sheet, illustrating its performance through 21 indicators divided into four main categories:

O ENVIRONMENT O LABOUR AND HUMAN RIGHTS

♦ ETHICS
♦ SUSTAINABLE PURCHASES



Our in-house team can discuss your specific requirements and work with your team to ensure the correct pump is selected.

We are happy to advise you over the phone, email or via our website **www.saniflo.co.uk**

Do you have a technical question? Contact us on: 020 8842 0033 or by email: technical@saniflo.co.uk





We are here to help you every step of the way:

Case studies

Product	Domestic	Commercial	The problem	The solutions
Sanicubic 2 GR		x	Restaurant in Madrid: Connect the kitchen and sanitary facilities to the sewer system in the city. A unique and effective solution to avoid major works.	
Sanifos 3100 2 pumps 71.1 T		x	Brégy industrial site: Remove black water from factory buildings.	
Sanifos 1300 VX	x		Individual house: Remove waste water from a house of 200 m ² with three-phase power supply, a large difference in height and 85 m of pipework to reach the sewer.	
Sanicubic 1 Sanispeed+ (Sanispeed+: see Pumps & Macerators brochure)		x	Worksite base: Connect toilets, sinks, and showers all in one large renovation.	
Sanicubic 1	x		Individual house: Connect a wall-hung WC, basin, shower and bathtub. Needed to pump up 2 m and along 6 m.	
Sanispeed+ (see Pumps & Macerators brochure)		x	Service station in Australia: Unit used to install a coffee machine within a garage.	
Sanipump ZFS 71		x	Two houses and a sports hall: Replace the pumps in an existing pit to remove waste water.	
Sanifos 610 GR SP		x	Hotel complex in Brazil: Remove waste water from 16 apartments. The water needed to be pumped up 7 m and along 30 m.	
Sanifos 610 GR SP	x		Individual house: Remove waste water from a detached house. Installation in the basement and water needed to be pumped up to sewer height.	

Help in choosing the right lifting station

DETERMINE THE PEAK FLOW RATE (Q)

This is the volume of water to be drained per unit of time depending upon the type and number of appliances connected to the lifting station.

The flow rate can be expressed in cubic metres per hour (m³/h or in litres per second (l/s).

In the examples shown we have taken one house to comprise of: 1 WC 1 bath, 1 shower, 1 wash basin, 1 sink, 1 washing machine, 1 dishwasher.

CALCULATE TOTAL HEAD

	Flow		DN	I PN10	press	ure PV	C pipi	ng
Total head = Geometric height + Pressure drop	in m³/h		DN 40 45.2/50		DN65 67.8/75		DN 100	
Static head	2	0.011						
This is the delivery height (expressed in metres of water column).	3	-	0.008					
(expressed in metres of water column).	4		0.013					
Dynamic head	5	-	0.019					
This is the sum of pressure losses in the discharge line	6		0.026					
(expressed in metres of water column).	7		0.034					
	8		0.043		0.006			
There are 2 types of pressure drop:	9	0.120		0.018				
· Major processo loce from friction of fluid against the	10			0.021				
Major pressure loss from friction of fluid against the	12				0.013	0.005		
walls of the discharge pipe	15				0.019			
 Minor pressure loss from components such as elbows, 	20					0.013		
non-return valves etc.	25					0.020		
	30					0.028	0.010	
They must be added to the static head to determine the	40						0.016	0.0
total head.	50						0.024	0.00
ne value obtained in this table is to be multiplied by	60						0.033	0.0
the total length of the evacuation pipe to obtain the	70						0.044	0.0
ressure loss.	80						0.056	0.0
	90							0.0
For help with your calculations or for further	100							0.0
advice please speak to our technical team	120							0.0
on 020 8842 0033.	150							
CHOOSE A STATION Having worked out the head and flow rate, you can now select the stations and page 40 for underground stations. If you need any he 020 8842 0033. Selection example A customer wishes to install a lifting station for all waste water in	lp in this	you c	an co	ntact	our te	echnic	cal tea	am

- 2 Calculation of head: Height = 4 m, Pressure drop = $0.019 \times 10 = 0.19$ m, Total head = 4 + 0.19 = 4.19 m
- 3 Choice of product: For floor installation, Sanicubic 1 and 2 pumps up to 13 m and allowing a flow rate of 15 m^3 / h may be suitable. Sanicubic 2 has two motors operating alternately as well as an additional inlet.

Estimated flow

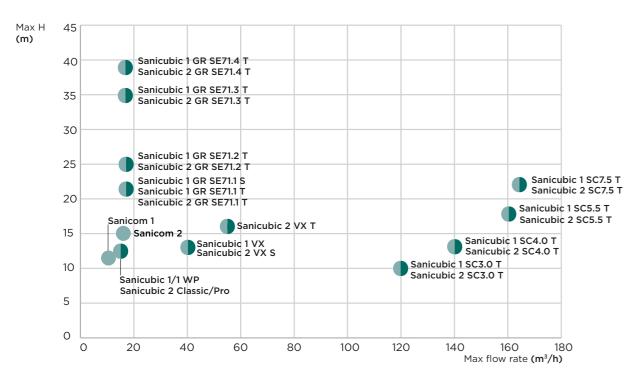
Number of houses	Flow
1 house (1 to 3 inhabitants)	2.5 m³/h
Up to 2 dwellings (4 to 6 inhabitants)	5 m³/h
Up to 4 dwellings (7 to 9 inhabitants)	10 m³/h
Up to 6 dwellings (10 to 12 inhabitants)	15 m³/h
	1 house (1 to 3 inhabitants)Up to 2 dwellings (4 to 6 inhabitants)Up to 4 dwellings (7 to 9 inhabitants)

Our full range of stations

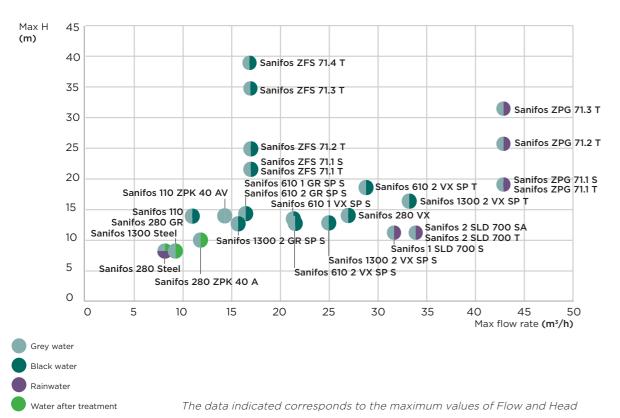
SFA Saniflo offers a wide range of lifting stations for all of your projects: including lifting stations for grey water, black water or rainwater, that can be used above or below ground, in single-phase or three-phase versions.

The performance of our products and your specific project will determine the right product for you.

Our floor standing stations



Our underground stations



SFA PumpSelect Quick and easy to size up any project

SFA PumpSelect is sizing software, to help you select the right pump for your project.



Hydraulic selection using duty point as a selection basis Select pumps based on wastewater type and duty point (flow rate, static head and dynamic head).

Flow curves detailing duty and operating points can be produced to allow you to make the best selection possible.

Multiple duty points, and multiple pumps can be selected for comparison.

Product Selection Browser using series name and pump type

Browse the extensive range of commercial pumps and lifting stations by series name or pump type to quickly retrieve technical information such as flow curves, dimensions, datasheets and pictures.

After the pump has been selected, (similar to the hydraulic selection) you can input fluid and duty details to produce flow curves and operating points.

QuickSearch

Simply enter flow rate, total head, frequency (50Hz for the UK and any key words to bring up relevant pump selections.

The relevant pumps are displayed without any intermediate steps along with pump specifications and flow curves.





Hydraulic technology

Our pumps from expertise to performance

The pump is the main element of the pumping station. It is expected to pump waste water away from an installation in a reliable way.

Saniflo, part of the SFA group are always innovating to improve the performance of their pumps.

Their reliability and safety are guaranteed thanks to the multitude of tests carried out during the design process in our factories: two electrical tests, a leak test and a functional test.

Grinder Pro X K2

The Pro X K2 impeller is a robust blade that has been designed to deal with the occasional obstruction such as a wet wipe, tampon or sanitary towel.

Sanicubic 1

Sanicubic 2 Classic Sanicubic 2 Pro/2 Pro Smart Sanifos 110/280/610/1300 Sanipump GR

Grinder Pro X K3

The sharp edges of the Pro X K3 are designed to grind and reduce solids before they enter the pump. Ideal for pumping black water.

Gives maximum strength and a more efficient flow.

They are used in larger pumps, transferring grey

Sanicubic 1 GR Sanicubic 2 GR Sanifos 1600/2100/3100 Sanipump ZFS 71

Closed impeller



water as they are less able to deal with solids. Sanicom 1 Sanicom 2

Vortex impeller KX V6

Vortex technology is able to deal with particles of up to 50 mm. The vortex generated keeps solids away from the impeller, reducing the risk of clogging.

Sanicubic 1 VX Sanicubic 2 VX Sanifos 280/610/1300 Sanipump VX



Single channel impeller

The single channel impeller has a large free passage to reduce clogging and give maximum pumping efficiency. It can be used for pumping waste water from households, commercial buildings, etc.

Sanicubic 1 SC Sanicubic 2 SC

Two-channel impeller

Our two channel impeller prevents clogging and is suitable for pumping waste with coarse solid matter or fibrous content, hence ideal for the

larger Sanifos units. Sanipump ZPG 71 Sanifos 1600/2100/3100



Two-channel impeller for rainwater Our new two-channel impeller for rainwater.

Sanipump SLD 700

Glossary

Index

Grey water	Waste water from machines, dishwas sinks, excluding wa
Black water	Waste water from water from bidets, wash basins etc.
Waste water	Water modified by Refers to grey wat
Clear water	Water containing than 1 mm.
Flood water	Water containing i clog a pump.
Rainwater	Water from atmos
Corrosive and/or saline water	Water containing a of dissolved solids an unsuitable pum
Potable water	Water that is safe

Abbreviations

PE	Polyethylene	Q	Flow rate
PA	Polyamide	Н	Head
PP	Polypropylene	DN	Nominal d
EN-GJL	Grey cast iron	Ext.	External d
PPO	Polyphenylene oxide	SS	Stainless s
FG	Fibreglass	GS	Galvanised
LD	Low density	S1	Continuou
HD	High density	S3	Intermitte

Our devices comply with EN12050-1 on all water pumping stations, EN12050-2 on pumps and EN 60335-1 on household electrical appliances. Products must be installed correctly and according to standards EN12056-4 and EN752.

showers, baths, washing shers, washbasins and ater from a WC.

toilets as well as showers, sinks,

y human activity. ter and black water.

particles smaller

material that could

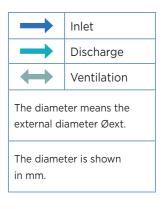
pheric precipitation.

a significant amount that may pose a risk to np (e.g. salts up to 15%).

for human consumption.

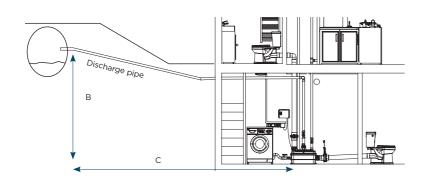
9	
diameter	
diameter	
steel	
ed steel	
ous operation	
ent operation	

Key



WHICH FLOOR STANDING LIFTING STATION DO I NEED FOR MY PROJECT?

I AM INTERESTED IN: () a quote	() a sizing request
Your company:		
Name:		
Address:		
Postcode:	City:	
Phone:		Email address:



Project name / reference:	
Estimated date of completion:	
Address:	
Postcode:	City:

Number of units to be installed:

Toilet(s)___Washbasin/bidet(s)__Shower(s)__Bath(s)__Dishwasher__Washing machine__Sink__Floor drain__Other__

PROJECT DESCRIPTION

Number of users:	Number of pumps	: 01 02				
Installation: O Single phase	O Three phase	Type of water: O clear	O grey	O black	O rain	
Vertical height (distance be drain and the station's lowest		B:	m			
Discharge pipe length (distance between the station	and the drain)	C :	m			

(distance between the station and the dra	ain)
Number of angles at 90°:	at 45°:
Internal diameter of discharge pipe:	

PARTNER STAMP

Name:

First name:....

Saniflo **SFA**

COMPLETE the attached form... **SCAN** the page and **SEND** by email to: technical@saniflo.co.uk



HICH UNDERGROUND LIFTING STATION DO I NEED FOR MY PROJECT?
I AM INTERESTED IN: O a quote O a sizing request
Your company:
Name:
Address:
Postcode: City:
Phone: Email address:
Sectional view Discharge pipe C
Project name / reference:
Estimated date of completion:
Address:
Postcode: City:
Number of units to be installed:
Toilet(s)Washbasin/bidet(s)Shower(s)Bath(s)DishwasherWashing machineSinkFloor drainOther
PROJECT DESCRIPTION Number of users:
Number of angles at 90°: at 45°: Internal diameter of discharge pipe:
PARTNER STAMP Name:
First name:

CH UNDERGROUND LIFTING STATION DO I NEED FOR MY PROJECT?
I AM INTERESTED IN: O a quote O a sizing request
Your company:
Name:
Address:
Postcode: City:
Phone: Email address:
Project name / reference: Estimated date of completion:
Address:
Postcode: City:
Number of units to be installed: Toilet(s)Washbasin/bidet(s)Shower(s)Bath(s)DishwasherWashing machineSinkFloor drainOther
PROJECT DESCRIPTION Number of users: Number of pumps: 0.1 0.2 Installation: O Single phase O Three phase Type of water: O clear O grey O black O rain Installation site: O in a green space O under paving stones O presence of ground water Invert level (distance between the ground and the station's lowest inlet point) A: m Vertical height
PARTNER STAMP Name: First name:







Which submersible pump do I need for my project?



Which pump do I need for my pit, well or tank?

I AM INTERESTED IN: () a guote () a sizing request

Your company:	
Name:	
Address:	
Postcode:	City:
Phone:	Email address:
Project name/reference :	Address :

. Postcode :

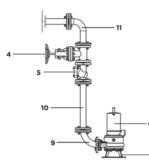
PROJECT DESCRIPTION

Estimated date of completion :

Manhole or pit depth : m Diameter of manhole or pit : m Type of water : O Clear O Black O Grey O Rain Flow rate : m³/h or number of people : Vertical discharge height : m Discharge pipe length : m

Voltage : 0 230 V 0 400 V Number of pumps: 01 02 Distance between the pump and the control box : m The control box will be installed : O Inside O Outside Commissioning needed : O Yes O No

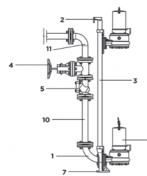
FLOOR PUMP



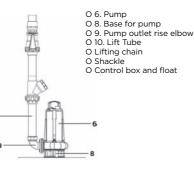
O 5. Check valve O 6. Pump 0.8 Base for pump O 9. Pump outlet rise elbow 0.10 Lift Tube O 11. Outlet elbow O Lifting chain O Shackle O Control box and float O Mounting accessories

O 4. Stop valve

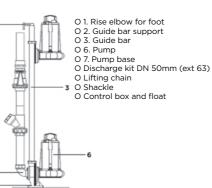
FLOOR STANDING PUMP



O 1. Rise elbow for foot O 2. Guide bar support 0.3 Guide bar O 4. Stop valve O 5. Check valve O 6. Pump O 7. Pump base O 10. Lift tube O 11. Outlet elbow O Lifting chain O Shackle O Control box and float O Mounting accessories

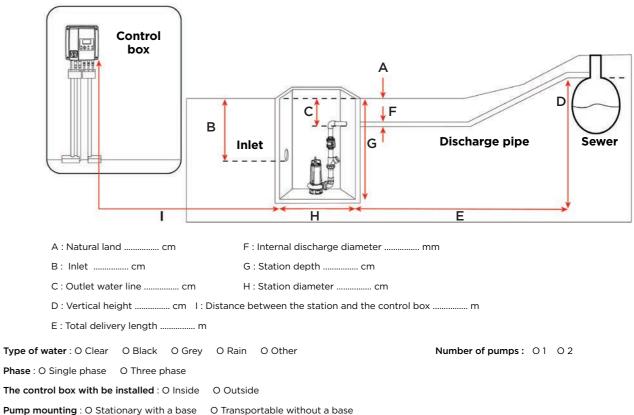


City :





I AM INTERESTED IN: O a quote O a sizing request			
Your company:			
Name:			
Address:			
Postcode: City:			
Phone:			
Project name :	Flow rate : m ³ /h		
Estimated date of completion :	Number of appliances to remove waste from :		
	O Toilet(s) O Basin(s)/Bidet(s) O Shower(s)		
Address :	O Bath(s) O Dishwasher(s) O Washing machine(s)		
Post code : City :	O Sink(s) O Floor-drain(s)		
PROJECT DESCRIPTION			



COMPLETE THE ATTACHED FORM. SCAN THE PAGE AND SEND BY EMAIL TO: TECHNICAL@SANIFLO.CO.UK IF YOU HAVE ANY QUESTIONS PLEASE CONTACT THE TECHNICAL TEAM ON: 020 8842 0033





Floor standing stations

Floor standing stations have many advantages: being sited indoors means installation is easier, reduces costs and allows easy access for maintenance. They can be installed in a basement, garage, boiler room etc. depending on the individual situation.

Sanicom Grey water

- For sinks, dishwashers, glass rinsers, washing machines (bakeries, shops, bars, hair salons etc)
- Bathrooms with sinks, showers, urinals
- (sports halls, restaurants, offices. NOT for WC waste)
- High temperature condensates (bread ovens)
- Boiler water / softeners



Sanicubic – Grinder Black water

- Individual houses
- House extensions, summer houses
- Business extensions (creation of sanitary facilities with WC, sinks, urinals)
- Public buildings or places holding events that need additional facilities
- River housing (floating chalets, barges)



Sanicubic - Vortex Black water

- One or more dwellings connected to the same lifting station
- Sanitary facilities in bars, restaurants
- Stadium or public building sanitary facilities
- Hotels, campsites, offices
- Boats

Sanicubic SC/GR Black water

- Public buildings (offices, stations, hospitals)
- Shopping centres
- Apartment buildings

>> Our range of floor standing stations

Product name	Product	Grey water	Black water	Max head (m)	Max flow rate (m³/h)
Sanicom 1 Page 26		~		11	12
Sanicom 2 Page 28	32	\checkmark		15	18
Sanicubic 1 Page 30		~	~	13	15
Sanicubic 2 Classic Page 32		~	~	13	15
Sanicubic 2 Pro Page 34		\checkmark	~	13	15
Sanicubic 1 GR Page 36		\checkmark	\checkmark	39	17
Sanicubic 2 GR Page 38		\checkmark	\checkmark	39	17
Sanicubic 1 GR HP Page 40	Ś	\checkmark	\checkmark	18	19
Sanicubic 2 GR HP Page 42		\checkmark	~	18	19
Sanicubic 1 VX Page 44		\checkmark	~	13.5	40
Sanicubic 2 VX Page 46		\checkmark	\checkmark	16	55
Sanicubic 1 SC Page 48		\checkmark	\checkmark	22	165
Sanicubic 2 SC Page 50		~	\checkmark	22	165



INSTALLING A Sanicubic Floor standing station

KEY POINTS TO REMEMBER:

Mandatory connection of ventilation, ideally through the building roof

Isolation valve on the discharge pipe, should be as close as possible to the Sanicubic unit

Separate control box should be installed in a safe, visible location

Make sure pipework is securely mounted

Integrated non-return valve with operating lever

Ensure service valves are fitted to all inlet and discharge pipework

Sanicubic should be installed in a frost-free location, in a well lit room and with sufficient space for maintenance of the unit



Sanicom 1

Grey water

The Sanicom 1 is an automatic powerful lifting station designed to remove grey water from public places such as doctors' surgeries, showers in sports halls, launderettes, pubs, hair salons etc. Suitable for multiple connections the unit can handle temperatures up to 90°C for short periods of time. This unit is equipped with a dip tube that controls the activation of the motor. A high level sensor is built into the unit.



PERFORMANCE

• Max. head : 11 m • Max. flow rate : 12 m³/h

PRODUCT BENEFITS

- Grey water lifting station
- The unit is floor standing for easy installation
- Easily accessible for maintenance
- 2 side inlets
- Alarm can be fitted to the unit if required

Closed impeller



OPTIONAL EXTRAS



Barcode: 3308815083384

Wired, audible and visual alarm box Product code: 30520

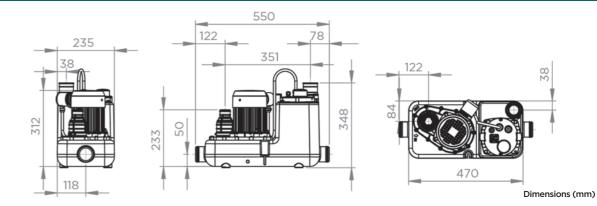


Sanicubic carbon filter Product code: 1108 Barcode: 3308815077529

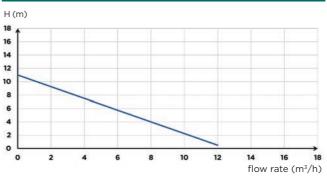
PACK CONTAINS

Sanicom 1, non-return valve, connectors

DIMENSIONS







回返回
73.00
回び出る

Type of control box
Material
Tank
Pump housing
Motor housing
Impeller
Electrical features
Voltage (V)
Frequency (Hz)
Power consumption P1 (W)
Power output P2 (W)
IP rating
Hydraulics
Max. head (m)
Max. flow rate (m ³ /h)
External inlet diameter (mm)
Discharge diameter ext. (mm)
Ext. ventilation diameter (mm)
Total volume (L)
Useable volume (L)
ON level /OFF level (mm)
Alarm level (mm)
Particle size (mm)
Max. temperature of the pumped liquid (5 min)
Type of impeller
Type of activation
Identification and logistics
Gross weight (kg)
EAN code
Product code

FLOOR STANDING STATIONS

CONNECTIONS



External inlet diameter : 40/50 mm Discharge diameter ext. : 32 mm Ext. ventilation diameter : 50 mm

Sanicom 1
Integrated
PE
PA 12 GF
Aluminium
PA 6 GF
230
50-60
750
525
IPX4
11
12
40/50
32
50
14
5.7
135/50
205
8
90°C
multi-channel
pneumatic
10
3308815082851
30003

Sanicom 2

Grey water

The Sanicom 2 is an automatic grey water lifting station with two powerful pumps that can be used in busy commercial applications such as restaurants, pubs, hair salons, cafes etc. as the second motor acts as a failsafe backup. Suitable for multiple connections this unit can handle temperatures up to 90°C for short periods of time (max 5 mins). The second pump can also assist the first in case of a sudden large intake of water. The tank is equipped with 2 immersion tubes controlling the motor and the alarm system.



PERFORMANCE

- Max. head : 12 m
- Max. flow rate : 18 m $^{3}/h$

PRODUCT BENEFITS

- Grey water lifting station
- Floor standing for easy installation
- Easily accessible for maintenance
- 2 side inlets with outer diameter 40/50/80
- 2 pumps operate alternately for more even use
- Remote control box comes as standard
 Alarm can be fitted if required







DELIVERED AS STANDARD



Classic control Box

OPTIONAL EXTRAS



Wired, audible and visual alarm box Product code: 30521 Barcode: 3308815084107

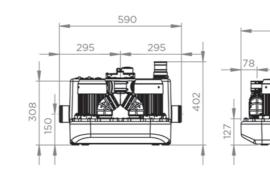


Sanicubic carbon filter Product code: 1108 Barcode: 3308815077529

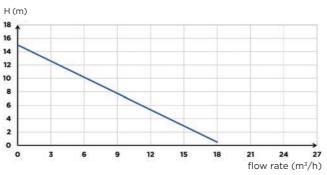
PACK CONTAINS

Sanicom 2, 2 non-return valve, connectors, control unit (2 m cable)

DIMENSIONS

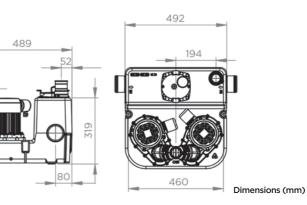


CURVE



Type of control b	X
Material	
Tank	
Pump housing	
Motor housing	
Impeller	
Electrical feature	;
Voltage (V)	
Frequency (Hz)	
Power consumpt	on P1 (W)
Power output P2	W)
IP rating	
Hydraulics	
Max. head (m)	
Max. flow rate (m	/h)
External inlet dia	neter (mm)
Discharge diame	er ext. (mm)
Ext. ventilation d	ameter (mm)
Total volume (L)	
Useable volume	_)
ON level /OFF le	el (mm)
Alarm level (mm	
Particle size (mm	
Max. temperatur	of the pumped liquid (5 min)
Type of impeller	
Type of activatio	
Identification an	logistics
Gross weight (kg	

FLOOR STANDING STATIONS



CONNECTIONS



External inlet diameter : 40/50/80 mm

Discharge diameter ext. : 50 mm Ext. ventilation diameter : 50 mm

Sanicom 2
Classic
PE
PA 12 GF
Aluminium
PA 6 GF
230
50-60
1500
1050
IPX4
12
18
40/50/80
50
50
34
13
145/60
215
8
90°C
multi-channel
pneumatic
25
3308815082868
30004

Sanicubic 1

Grey water, black water

The Sanicubic 1 lifting station is designed for use in a single property (house, small commercial premises) and collects all waste water from toilets, bathrooms, kitchens and laundry rooms. The unit uses the Pro X K2 grinding technology and removes waste water through 50 mm diameter discharge pipe.



PERFORMANCE

- Max. head : 13 m
- Max. flow rate : 15 m $^{3}/h$

PRODUCT BENEFITS

- Floor standing so easy to install
- Easy access for maintenance
- 4 inlets, 2 of which are side inlets
 Less chance of clogging due to Pro X K2 grinder technology
- Discharge in 50 mm ext. pipe
- Maximum temperature of incoming waste water: 70°C (max 5 mins)

Grinder Pro X K2



DELIVERED AS STANDARD



Remote wired audible and visual alarm unit (5m)

OPTIONAL EXTRAS





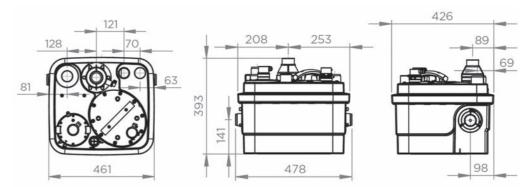
Isolation valve DN50 shut-off valve Product code: 1109

Isolation valve DN100 shut-off valve Product code: 1107

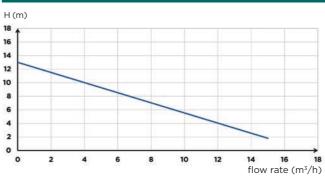


Sanicubic carbon filter Product code: 1108 Barcode: 3308815077529

DIMENSIONS



CURVE



Material	
Tank	
Pump housing	
Motor housing	
Impeller	
Electrical features	
Voltage (V)	
Frequency (Hz)	
Power consumption P1 (W)	
Power output P2 (W)	
Mode of operation	
IP rating	
Hydraulics	
Max. head (m)	
Max. flow rate (m³/h)	
External inlet diameter (mm)	
Discharge diameter ext. (mm)	
Ext. ventilation diameter (mm)	
Total volume (L)	
Useable volume (L)	
ON level /OFF level (mm)	
Alarm level (mm)	
Max. temperature of the pumped liquid (5 min)	
Type of impeller	
Type of activation	
Identification and logistics	
Gross weight (kg)	
EAN code	
Product code	

FLOOR STANDING STATIONS

Dimensions (mm)

CONNECTIONS



External inlet diameter : 40/50/100/110 mm

- Discharge diameter ext. : 50 mm
- Ext. ventilation diameter : 50 mm

Sanicubic 1
PP
PA 12 GF
PA 12 GF
PP GF
230
50-60
1500
1050
S3 30 %
IP68
13
15
40/50/100/110
50
50
32
10
140/70
210
70°C
Pro X K2 grinder
pneumatic
23
3308815074429
30006

Sanicubic 2 Classic

Grey water, black water

The Sanicubic 2 Classic is a two pump station designed for the lifting of waste water from individual houses, small businesses or light commercial premises such as restaurants or pubs.

It uses the Pro X K2 macerator technology which removes waste water through a 50 mm diameter discharge pipe. The two pumps work alternately. The 5 inlets, 2 of which are side inlets, allow great flexibility in the installation of sanitaryware.



PERFORMANCE

- Max. head : 13 m
- Max. flow rate : 15 m³/h

PRODUCT BENEFITS

- Easily accessible with removable motors and level sensors for ease of maintenance
- Alternating operation of the 2 pumps
- 5 inlets, 2 of which are side inlets
- Less chance of clogging due to the Pro X K2 grinder technology
- Discharge in 50 mm ext. pipe







DELIVERED AS STANDARD





Remote wired audible and visual alarm unit (5m) Classic control Box

OPTIONAL EXTRAS



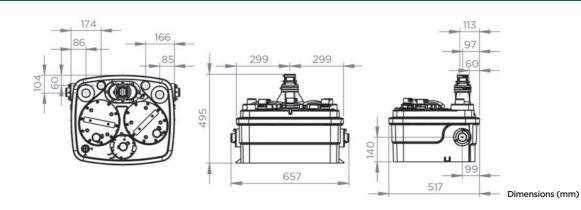
Product code: 1107

Isolation valve DN50 shut-off valve Product code: 1109

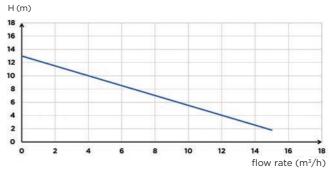


Sanicubic carbon filter DN100 shut-off valve Product code: 1108 Barcode: 3308815077529

DIMENSIONS



CURVE



	Type of control box
I	Material
1	Tank
I	Pump housing
I	Motor housing
I	mpeller
I	Electrical features
1	Voltage (V)
I	Frequency (Hz)
I	Power consumption P1 (W)
I	Power output P2 (W)
I	Mode of operation
I	P rating
I	Hydraulics
I	Max. head (m)
I	Max. flow rate (m ³ /h)
I	External inlet diameter (mm)
I	Discharge diameter ext. (mm)
I	Ext. ventilation diameter (mm)
•	Total volume (L)
ļ	Jseable volume (L)
•	ON level /OFF level (mm)
,	Alarm level (mm)
I	Max. temperature of the pumped liquid (5 min)
•	Type of impeller
•	Type of activation
I	dentification and logistics
(Gross weight (kg)
I	EAN code
I	Product code

FLOOR STANDING STATIONS

CONNECTIONS



4

External inlet diameter : 40/50/100/110 mm

- Discharge diameter ext. : 50 mm
- Ext. ventilation diameter : 50 mm

Sanicubic 2 Classic
Classic
PP
PA 12 GF
PA 12 GF
PP GF
230
50-60
1500
1050
S3 50 %
IP68
13
15
40/50/100/110
50
50
45
17.5
140/70
210
70°C
Pro X K2 grinder
pneumatic
35
3308815074443
30013

Sanicubic 2 Pro

Grey water, black water

The Sanicubic 2 Pro, 2 Pro Smart and 2 Pro Smart Brushless are two pump stations designed for the lifting of waste water from individual houses, small businesses or light commercial premises such as restaurants or pubs. They use the Pro X K2 macerator technology which removes waste water through a 50 mm diameter discharge pipe. The two pumps work alternately. The 5 inlets, 2 of which are side inlets, allow great flexibility in the installation of sanitaryware.



PERFORMANCE

- Max. head : 12 m
- Max. flow rate : 15 m³/h

PRODUCT BENEFITS

- Easily accessible with removable motors and level sensors for ease of maintenance
- Alternating operation of the 2 pumps
- 5 inlets, 2 of which are side inlets
- Less chance of clogging due to the Pro X K2 grinder technology
- Discharge in 50 mm ext. pipe





DELIVERED AS STANDARD





Remote wired audible and visual alarm unit (5m) for Sanicubic 2 Pro Smart and 2 Pro Smart Brushless

HF alarm for Sanicubic 2 Pro



Classic control box for Sanicubic 2 Pro

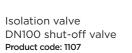


Smart and 2 Pro Smart Brushless

OPTIONAL EXTRAS

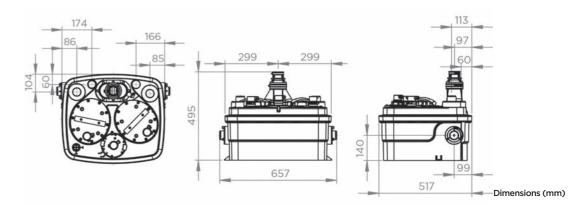


Isolation valve DN50 shut-off valve Product code: 1109

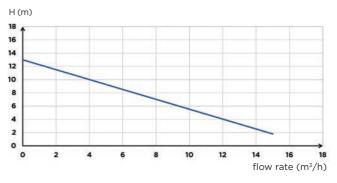


Sanicubic carbon filter Product code: 1108 Barcode: 3308815077529









	Sanicubic 2 I
Type of control box	Classic
Material	
Tank	PP
Pump housing	PA 12 GF
Motor housing	PA 12 GF
Impeller	PP GF
Electrical features	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	1500
Power output P2 (W)	1050
Mode of operation	S3 50 %
IP rating	IP68
Hydraulics	
Max. head (m)	13
Max. flow rate (m ³ /h)	15
External inlet diameter (mm)	40/50/100/11
Discharge diameter ext. (mm)	50
Ext. ventilation diameter (mm)	50
Total volume (L)	45
Useable volume (L)	17.5
ON level /OFF level (mm)	140/70
Alarm level (mm)	210
Max. temperature of the pumped liquid (5 min)	70°C
Type of impeller	Pro X K2 grind
Type of activation	pneumatic
Identification and logistics	
Gross weight (kg)	35
EAN code	330881507445
Product code	30011

FLOOR STANDING STATIONS

CONNECTIONS



External inlet diameter : 40/50/100/110 mm

Discharge diameter ext. : 50 mm

Ext. ventilation diameter : 50 mm

oic 2 Pro	Sanicubic 2 Pro Smart	Sanicubic 2 Pro Smart Brushless
ssic	Smart	Smart
P	PP	PP
2 GF	PA 12 GF	PA 12 GF
2 GF	PA 12 GF	PA 12 GF
GF	PP GF	PP GF
30	230	230
-60	50-60	50-60
00	1500	1500
50	1050	1050
50 %	S3 50 %	S3 50 %
68	IP68	IP68
3	13	13
5	15	15
100/110	40/50/100/110	40/50/100/110
0	50	50
0	50	50
.5	45	45
7.5	17.5	17.5
/70	140/70	140/70
10	210	210
°C	70°C	70°C
2 grinder	Pro X K2 grinder	Pro X K2 grinder
matic	pneumatic	pneumatic
5	35	35
5074450	3308815075457	3308815085166
011	30012	20013

Sanicubic 1 GR

Grey water, black water

The Sanicubic 1 GR is a station recommended for a single dwelling (house or small commercial premises). It collects all waste water from toilets, bathrooms, kitchens or laundry rooms. It is equipped with a pump with the Pro X K3 grinder system. It has 7 possible inlets to collect all types of waste water in the most demanding of settings. The station comes with a pneumatically controlled control box including an audible and visual alarm.



PERFORMANCE

- Total head : 39 m
- Max. flow rate : 17 m^3/h

PRODUCT BENEFITS

- Easily accessible for easy maintenance
- Compact dimensions
- 7 inlets
- Grinder Pro X K3 technology
- 5 pump versions in single or three phase
- Integrated connection and non-return valve



Grinder Pro X K3



DELIVERED AS STANDARD



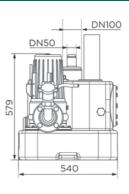
Control boxes ZPS – single pump version

OPTIONAL EXTRAS

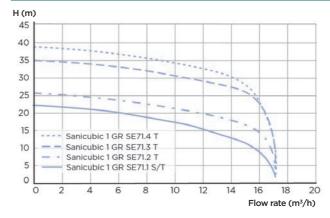


Sanicubic carbon filter Product code: 1108 Barcode: 3308815077529

DIMENSIONS



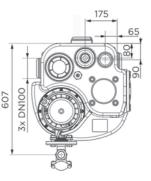
CURVE



	Sanicubic 1 GR SE71.1 S	Sanicubic 1 GR SE71.1 T	Sanicubic 1 GR SE71.2 T	Sanicubic 1 GR SE71.3 T	Sanicubic 1 GR SE71.4 T
Type of control box	ZPS 1 case				
Material					
Tank	LDPE	LDPE	LDPE	LDPE	LDPE
Pump housing	GG-20	GG-20	GG-20	GG-20	GG-20
Motor housing	GG-20	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20	GG-20
Electrical features					
Voltage (V)	230	400	400	400	400
Frequency (Hz)	50-60	50-60	50-60	50-60	50-60
Power consumption P1 (W)	2200	2100	2100	3900	3900
Power output P2 (W)	1700	1700	1700	3200	3200
Mode of operation	S3 25%				
IP rating	IP68	IP68	IP68	IP68	IP68
Hydraulics					
Max. head (m)	22	22	25	35	39
Max. flow rate (m³/h)	17	17	17	17	17
Inlet diameter DN	50, 100	50, 100	50, 100	50, 100	50, 100
Discharge diameter DN	50	50	50	50	50
External ventilation diameter (mm)	75	75	75	75	75
Total volume (L)	55	55	55	55	55
ON level /OFF level (mm)	140-250/30	140-250/30	140-250/30	140-250/30	140-250/30
Alarm level (mm)	180-290	180-290	180-290	180-290	180-290
Max. temperature of the pumped liquid (5 min)	55°C	55°C	55°C	55°C	55°C
Type of impeller	Pro X K3 grinder				
Type of activation	pneumatic	pneumatic	pneumatic	pneumatic	pneumatic
Identification and logistics					
Gross weight (kg)	64	64	64	68	68
Barcode	3308815079110	3308815079127	3308815079134	3308815079141	3308815079158
Product code	21518	21519	21333	21520	21521

S = Single phase, T = Three phase.

FLOOR STANDING STATIONS



Dimensions (mm)

CONNECTIONS





Inlet diameter DN : 50, 100

Discharge diameter DN : 50

Sanicubic 2 GR

Grey water, black water

The Sanicubic 2 GR station is designed for the lifting of waste water from larger single dwellings, apartment blocks, and commercial buildings such as train stations, cinemas, restaurants etc. This station is equipped with 2 pumps with Pro X K3 grinder technology, which are activated simultaneously in case of a large water surge. Sanicubic 2 GR is available in 4 versions with different lifting performances. It has 5 inlets of different diameters.

The station comes with a pneumatically controlled control box including an audible and visual alarm.



PERFORMANCE

- Total head : 39 m
- Max. flow rate : 17 m^3/h

PRODUCT BENEFITS

- Floor standing installation
- Easily accessible for maintenance
- 3 inlets DN 100, 2 inlets DN 50
- 150 litre tank
- 4 pump versions in three phase available
- Includes non-return valve and outlet flange



Grinder Pro X K3



DELIVERED AS STANDARD



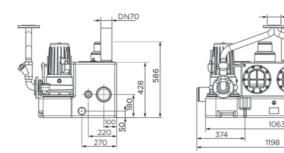
ZPS control boxes – two-pump versions

OPTIONAL EXTRAS

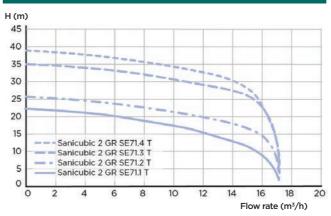


Sanicubic carbon filter Product code: 1108 Barcode: 3308815077529

DIMENSIONS

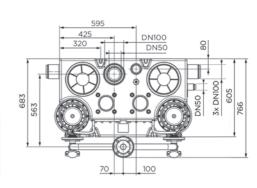


CURVE



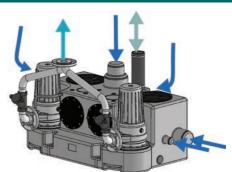
	Sanicubic 2 GR SE71.1	Sanicubic 2 GR SE71.2	Sanicubic 2 GR SE71.3	Sanicubic 2 GR SE71.4
	т	т	т	т
Type of control box	ZPS 2 case	ZPS 2 case	ZPS 2 case	ZPS 2 case
Material				
Tank	LDPE	LDPE	LDPE	LDPE
Pump housing	GG-20	GG-20	GG-20	GG-20
Motor housing	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20
Electrical features				
Voltage (V)	400	400	400	400
Frequency (Hz)	50-60	50-60	50-60	50-60
Power consumption P1 (W)	2100	2100	3900	3900
Power output P2 (W)	1700	1700	3200	3200
Mode of operation	S3 25%	S3 25%	S3 25%	S3 25%
IP rating	IP68	IP68	IP68	IP68
Hydraulics				
Max. head (m)	22	25	35	39
Max. flow rate (m ³ /h)	17	17	17	17
Inlet diameter DN	100, 150	100, 150	100, 150	100, 150
Discharge diameter DN	50	50	50	50
External ventilation diameter (mm)	75	75	75	75
Total volume (L)	150	150	150	150
ON level /OFF level (mm)	140-250/30	140-250/30	140-250/30	140-250/30
Alarm level (mm)	180-290	180-290	180-290	180-290
Max. temperature of the pumped liquid (5 min)	55°C	55°C	55°C	55°C
Type of impeller	Pro X K3 grinder			
Type of activation	pneumatic	pneumatic	pneumatic	pneumatic
Identification and logistics				
Gross weight (kg)	137	137	144	144
Barcode	3308815079165	3308815079172	3308815079189	3308815079196
Product code	21522	21523	21524	21334

FLOOR STANDING STATIONS



Dimensions (mm)

CONNECTIONS



 $\overrightarrow{}$

DN32-DN50

Inlet diameter DN : 100, 150

Discharge diameter DN : 50

Sanicubic 1 GR HP

Grey water, black water

The Sanicubic 1 GR HP high-performance lifting station is designed for pumping black water from individual houses, flats, pool houses or small businesses. The automatic control is pneumatic through an internal immersion pipe. A wired control unit and an alarm system are included.



PERFORMANCE

- Max. head : 18 m
- Max. flow rate : 17 m³/h

PRODUCT BENEFITS

- Floor standing for easy installation
- Easy access to the pressure switch and motor for maintenance
- Pro XK2 stainless steel grinder technology
- Can handle water temperatures up to 90°C (max 5 mins)
- 2 side inlets DN 100 mm
- Non-return valve included
- Control box and alarm included



Grinder Pro X K2



DELIVERED AS STANDARD







Remote wirea audible and visual alarm unit (5m)

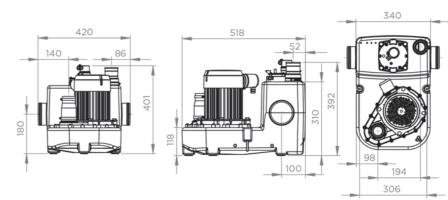
Classic control box

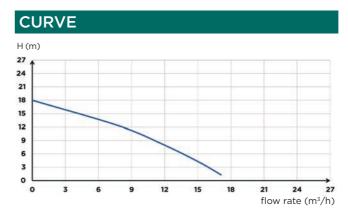
OPTIONAL EXTRAS



Sanicubic carbon filter Product code: 1108 Barcode: 3308815077529

DIMENSIONS





Type of control box	
Material	
Tank	
Pump housing	
Motor housing	
Impeller	
Electrical features	
Voltage (V)	
Frequency (Hz)	
Power consumption P1 (W)	
Power output P2 (W)	
Mode of operation	
IP rating	
Hydraulics	
Max. head (m)	
Max. flow rate (m ³ /h)	
External inlet diameter (mm)	
Discharge diameter ext. (mm)	
Ext. ventilation diameter (mm)	
Total volume (L)	
Useable volume (L)	
ON level /OFF level (mm)	
Alarm level (mm)	
Max. temperature of the pumped liquid (5 min)	
Type of impeller	
Type of activation	
Identification and logistics	
EAN code	
Product code	

FLOOR STANDING STATIONS

Dimensions (mm)

CONNECTIONS



4

External inlet diameter : 100 mm Discharge diameter ext. : 50 mm Ext. ventilation diameter : 50 mm

Sanicubic 1 GR HP
Classic
HDPE
PA 12 GF
Aluminium
PP GF
230
50-60
2000
1400
S3 30 %
IPX4
18
17
100
50
50
26
12
155/60
225
90°C
Pro X K2 grinder
Pneumatic
3308815089614
30016

Sanicubic 2 GR HP

Grey water, black water

The Sanicubic 2 GR HP is a floor-mounted twin-motor high-performance lifting station for removing black water from individual homes or flats, small commercial businesses, shops or the catering trade. Both motors work alternately, which increases reliability and longevity. In the event of a large intake of water, both pumps can be activated simultaneously. The lifting station is equipped with a dip tube that controls the motor and the alarm system. The Sanicubic 2 GR HP comes with a wired control box and an alarm box. An interactive Smart control box is available as an option.



PERFORMANCE

- Max. head : 18 m
- Max. flow rate : 17 m³/h

PRODUCT BENEFITS

- Floor standing for ease of installation
- Easy access to the pressure switch and motor for maintenance
- Pro XK2 stainless steel grinder technology
- Can handle temperatures up to 90°C (max 5 mins)
- 2 side inlets DN 100 mm
- Non-return valve included
- Control box and alarm box included
- 2 independent motors ensure a failsafe, continuous operation





DELIVERED AS STANDARD







Remote wirea audible and visual alarm unit (5m)

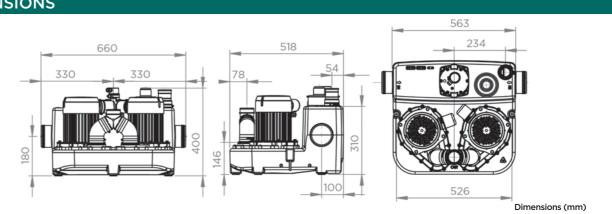
Classic control box

OPTIONAL EXTRAS

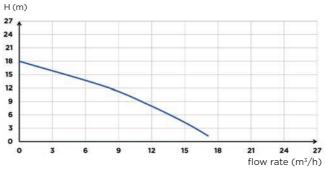


Sanicubic carbon filter Product code: 1108 Barcode: 3308815077529

DIMENSIONS







	Sanicubic 2 GR HP
Type of control box	Classic
Material	
Tank	HDPE
Pump housing	PA 12 GF
Motor housing	Aluminium
Impeller	PP GF
Electrical features	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	2000
Power output P2 (W)	1400
Mode of operation	S3 50 %
IP rating	IPX4
Hydraulics	
Max. head (m)	18
Max. flow rate (m ³ /h)	17
External inlet diameter (mm)	100
Discharge diameter ext. (mm)	50
Ext. ventilation diameter (mm)	50
Total volume (L)	39
Useable volume (L)	15
ON level /OFF level (mm)	155/60
Alarm level (mm)	225
Max. temperature of the pumped liquid (5 min)	90°C
Type of impeller	Pro X K2 grinder
Type of activation	pneumatic
Identification and logistics	
EAN code	3308815090122
Product code	30017

FLOOR STANDING STATIONS

CONNECTIONS



External inlet diameter : 100 mm Discharge diameter ext. : 50 mm

Ext. ventilation diameter : 50 mm

Sanicubic 1 VX

Grey water, black water

The Sanicubic 1 VX is a lifting station with 1 vortex pump. It is designed for lifting waste water from houses or small commercial premises. The Sanicubic 1 VX has direct and safe access to the motor and level sensors. The lifting station comes with a classic control box and a wired alarm.



PERFORMANCE

- Max. head : 12 m
- Max. flow rate : 40 m³/h

PRODUCT BENEFITS

- Floor standing for easy installation
- Easy access for maintenance
- 3 inlets Vortex technology
- Direct and safe access to the motor
- Comes with classic control box
- Comes with wired alarm



Vortex impeller KX V6



DELIVERED AS STANDARD



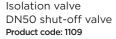


Remote wired audible and visual alarm unit (5m)

Classic control box

OPTIONAL EXTRAS



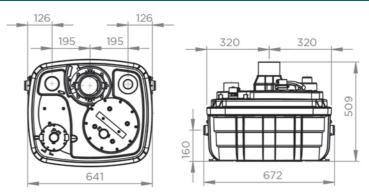


Isolation valve DN100 shut-off valve Product code: 1107

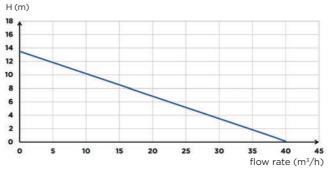


Sanicubic carbon filter Product code: 1108 Barcode: 3308815077529

DIMENSIONS

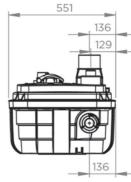


CURVE



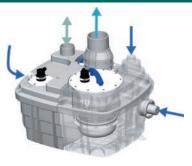
Type of control box	
Material	
Tank	
Pump housing	
Motor housing	
Impeller	
Electrical features	
Voltage (V)	
Frequency (Hz)	
Power consumption P1	W)
Power output P2 (W)	
Mode of operation	
IP rating	
Hydraulics	
Max. head (m)	
Max. flow rate (m ³ /h)	
External inlet diameter	mm)
Discharge diameter ext	(mm)
Ext. ventilation diameter	r (mm)
Total volume (L)	
Useable volume (L)	
ON level /OFF level (m	n)
Alarm level (mm)	
Particle size (mm)	
Max. temperature of th	e pumped liquid (5 min)
Type of impeller	
Type of activation	
Identification and logis	ics
Gross weight (kg)	

FLOOR STANDING STATIONS



Dimensions (mm)

CONNECTIONS



External inlet diameter : 40/50/100/110/125 mm

- Discharge diameter ext. : 90/110 mm
- Ext. ventilation diameter : 75 mm

Classic	
PP GF	
PA 12 GF	
PA 12 GF	
PPO GF	
230	
50-60	
2000	
1400	
S3 15 %	
IP68	
13.5	
40	
40/50/100/110/125	
90/110	
75	
60	
21	
165/95	
235	
50	
70°C	
vortex	
pneumatic	
30	
3308815077611	
30005	

Sanicubic 2 VX

Grey water, black water

The Sanicubic 2 VX lifting station is designed for lifting waste water from shops, private homes and public buildings. It comes with two vortex pumps leaving a free passage of 50 mm. The 5 inlets allow the connection of several items of sanitaryware or kitchen appliances. Sanicubic 2 VX is available in single-phase or three-phase. The lifting station comes with a remote control box and alarm or with the smart control box and alarm.



PERFORMANCE

- Max. head : 16 m
- Max. flow rate : 55 m³/h

PRODUCT BENEFITS

- Floor standing for easy installation
- Easily accessible for maintenance
- 5 inlets, 2 of which are side inlets
- 2 vortex motors
- Single phase or three phase
- Alternating motor operation



Vortex impeller KX V6



DELIVERED AS STANDARD (Depending on model chosen)







Remote wired audible and visual alarm unit (5m)

Classic control box

SMART control box

OPTIONAL EXTRAS

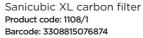


Isolation valve DN50 shut-off valve Product code: 1109

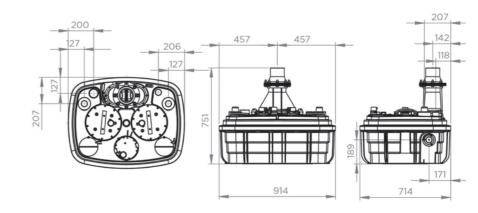


Isolation valve DN100 shut-off valve Product code: 1107

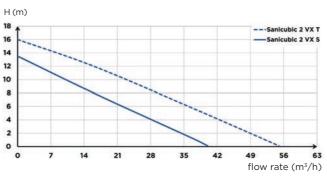




DIMENSIONS







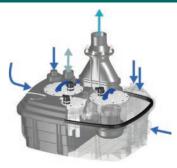


	Sanicubic 2 VX S	Sanicubic 2 VX S Smart	Sanicubic 2 VX T Smart
Type of control box	Classic	Smart	Smart
Material			
Tank	PP GF	PP GF	PP GF
Pump housing	PA 12 GF	PA 12 GF	PA 12 GF
Motor housing	PA 12 GF	PA 12 GF	PA 12 GF
Impeller	PPO GF	PPO GF	PPA GF
Electrical features			
Voltage (V)	230	230	400
Frequency (Hz)	50-60	50-60	50-60
Power consumption P1 (W)	2000	2000	3500
Power output P2 (W)	1400	1400	2800
Mode of operation	S3 30%	S3 30%	S3 15%
IP rating	IP68	IP68	IP68
Hydraulics			
Max. head (m)	13	13	16
Max. flow rate (m ³ /h)	40	40	55
External inlet diameter (mm)	40/50/100/110/125	40/50/100/110/125	40/50/100/110/125
External discharge diameter (mm)	90/110	90/110	90/110
External ventilation diameter (mm)	75	75	75
Total volume (L)	120	120	120
Useable volume (L)	26	26	26
ON level /OFF level (mm)	165/95	165/95	165/95
Alarm level (mm)	235	235	235
Particle size (mm)	50	50	50
Max. temperature of the pumped liquid (5 min)	70°C	70°C	70°C
Type of impeller	vortex	vortex	vortex
Type of activation	pneumatic	pneumatic	pneumatic
Identification and logistics			
Gross weight (kg)	101	101	102
Barcode	3308815063140	3308815076171	3308815076188
Product code	30007	30008	30010

FLOOR STANDING STATIONS

Dimensions (mm)

CONNECTIONS



4

External inlet diameter : 40/50/100/110/125 mm

Discharge diameter ext. : 90/110 mm

Sanicubic 1 SC

Grey water, black water

The Sanicubic 1 SC is a lifting station with 1 three-phase cast iron pump with a single-channel impeller. Designed for lifting waste water from public buildings or shopping centres, this station is available in 4 pump versions. It comes with a pneumatic remote control box including an audible and visual alarm.



PERFORMANCE

- Total head : 22 m
- Max. flow rate : 165 m³/h

PRODUCT BENEFITS

- Floor standing for easy installation
- Easily accessible for maintenance
- 1 inlet DN150
- Three-phase cast iron pump
- Free passage 80 mm or 100 mm
- Control panel included (ZPS or PS2)
- Star-delta start for Sanicubic 1 SC7.5T
- Customisation possible (tank volume and inlets) for bespoke installation



Single channel impeller



DELIVERED AS STANDARD





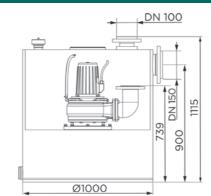
Control boxes ZPS single pump version PS2 system box

OPTIONAL EXTRAS

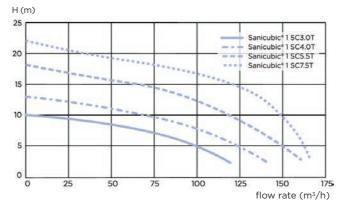


Sanicubic XL carbon filter Product code: 1108/1 Barcode: 3308815076874

DIMENSIONS

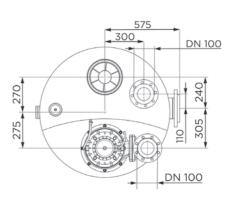


CURVE



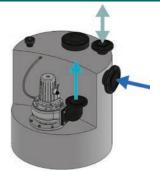
	Sanicubic 1 SC3.0 T	Sanicubic 1 SC4.0 T	Sanicubic 1 SC5.5 T	Sanicubic 1 SC7.5 T
Type of control box	ZPS 1	ZPS 1	ZPS 1	PS2
Material				
Tank	HDPE	HDPE	HDPE	HDPE
Pump housing	GG-20	GG-20	GG-20	GG-20
Motor housing	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20
Electrical features				
Voltage (V)	400	400	400	400
Frequency (Hz)	50-60	50-60	50-60	50-60
Power consumption P1 (W)	4000	5500	6300	8700
Power output P2 (W)	3000	4000	5500	7500
Mode of operation	S3 25%	S3 25%	S3 25%	S3 25%
IP rating	IP68	IP68	IP68	IP68
Hydraulics				
Max. head (m)	10	13	18	22
Max. flow rate (m ³ /h)	120	140	160	165
Inlet diameter DN	150	150	150	150
Discharge diameter DN	100	100	100	100
Ventilation diameter DN	100	100	100	100
Total volume (L)	480	480	480	480
Useable volume (L)	270	270	270	270
Particle size (mm)	80	80	100	100
Max. temperature of the pumped liquid (5 min)	55°C	55°C	55°C	55°C
Type of impeller	single-channel	single-channel	single-channel	single-channel
Type of activation	pneumatic	pneumatic	pneumatic	pneumatic
Identification and logistics				
Gross weight (kg)	210	220	225	240
Barcode	3308815079035	3308815079042	3308815079059	3308815079066
Product code	21512	21328	21513	21514

FLOOR STANDING STATIONS



Dimensions (mm)

CONNECTIONS



Inlet diameter DN : 150

Discharge diameter DN : 100

Ventilation diameter DN : 100

Sanicubic 2 SC

Grey water, black water

The Sanicubic 2 SC is a floor standing lifting station with 2 single-channel impeller pumps. Sanicubic 2 SC is available in 4 versions. It has a DN 150 inlet for lifting large volumes of waste water from public buildings or blocks of flats.

It is delivered with a pneumatically controlled remote control box (ZPS) including an audible and visual alarm. The Sanicubic 2 SC7.5T version is supplied with a PS2 control box integrated in an electrical cabinet.



PERFORMANCE

- Total head : 22 m
- Max. flow rate : 165 m³/h

PRODUCT BENEFITS

- Two three-phase pumps
- 1 inlet DN150
- 4 versions available
- 1000 litre tank
- Free passage 80 mm or 100 mm
- Control panel included (ZPS or PS2)
 Star-delta start for the Sanicubic 2 SC7. 5T
- Tank customisation on request (tank volume
- up to 20000 L and number of inlets)
- Optional mounting accessories available see accessories page



Single channel impeller



DELIVERED AS STANDARD



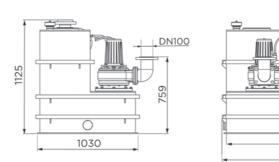
ZPS control boxes -

two-pump versions

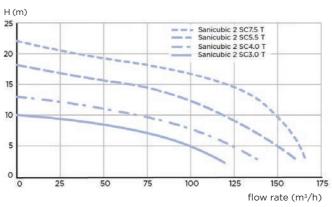


PS2 system box

DIMENSIONS

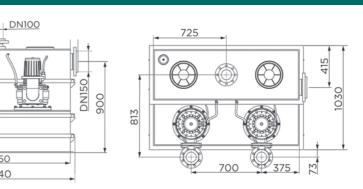






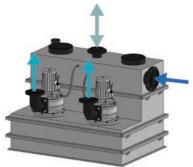
	Sanicubic 2 SC3.0 T	Sanicubic 2 SC4.0 T	Sanicubic 2 SC5.5 T	Sanicubic 2 SC7.5 T
Type of control box	ZPS 2	ZPS 2	ZPS 2	PS2
Material				
Tank	HDPE	HDPE	HDPE	HDPE
Pump housing	GG-20	GG-20	GG-20	GG-20
Motor housing	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20
Electrical features				
Voltage (V)	400	400	400	400
Frequency (Hz)	50-60	50-60	50-60	50-60
Power consumption P1 (W)	4000	5500	6300	8700
Power output P2 (W)	3000	4000	5500	7500
Mode of operation	S3 25%	S3 25%	S3 25%	S3 25%
IP rating	IP68	IP68	IP68	IP68
Hydraulics				
Max. head (m)	10	13	18	22
Max. flow rate (m ³ /h)	120	140	160	165
Inlet diameter DN	150	150	150	150
Discharge diameter DN	100	100	100	100
Ventilation diameter DN	100	100	100	100
Total volume (L)	1000	1000	1000	1000
Useable volume (L)	500	500	500	500
Particle size (mm)	80	80	100	100
Max. temperature of the pumped liquid (5 min)	55°C	55°C	55°C	55°C
Type of impeller	single-channel	single-channel	single-channel	single-channel
Type of activation	pneumatic	pneumatic	pneumatic	pneumatic
Identification and logistics				
Gross weight (kg)	370	385	400	425
Barcode	3308815079073	3308815079080	3308815079097	3308815079103
Product code	21515	21516	21517	21329

FLOOR STANDING STATIONS



Dimensions (mm)

CONNECTIONS



1450

1540

Inlet diameter DN : 150 Discharge diameter DN : 100

Ventilation diameter DN : 100

INSTALLATION TIPS for your Sanifos underground lifting station

All our devices meet EN 12050-1 standard and must be installed according to EN 12056-4 and EN 752 standards.

SOIL TYPES

- Nature of soil: the characteristics of soil (its chemical composition, its pH, its permeability, etc.) will determine the most suitable type of station.
- Frost-free zone: in the event of frost, there is a risk of damage to both the pipework and the pump. It is important to take this into account when choosing your station. When the lifting station is installed in an environment where temperatures are below zero, it must be insulated in accordance with local recommendations.

The extensions for Sanifos allows the Sanifos to be buried deeper.

SANIFOS LIFTING STATIONS CAN ALSO BE INSTALLED INSIDE A BUILDING, PLACED ON THE GROUND.

LOCATION

• Pipe slope: for optimal drainage, it is necessary to include a slope of 2 to 4% in the pipework to the unit but there are no restrictions in the distance between the home and the Sanifos unit.

Thanks to an inlet water cable from 182 mm to 2,940 mm (with extension), Sanifos lifting stations can be installed at any distance with the slope necessary for the flow to the unit.

• Passage: remember to take into account the layout of your land such as vehicle access, parking etc.

Our Sanifos lids are available in class A15, B125, D400 complying with standard NF EN 124

VENTILATION

It is essential to install ventilation in the upper part of the station to:

- evacuate the gases that form inside the tank and prevent any risk of explosion
- avoid depressurising the station

To do this, all our Sanifos lifting stations have 2 ventilation openings.

For any specific technical information, refer to the installation instructions, or seek advice from our technical team: technical@saniflo.co.uk

>> Our range of underground lifting stations

Product name	Pump	Product	Grey water	Black water	Rain water	Water after treatment	Head (m)	Flow rate (m³/h)
Sanifos 110 Tank volume 110 I See page 56	Sanisub ZPK 40 AV	9	\checkmark		\checkmark		10	14
Sanifos 110 Tank volume 110 I See page 58	Sanipump GR	0	\checkmark	\checkmark			14	15
Sanifos 280 Tank volume 280 l	Sanisub ZPK 40 A	22	\checkmark		\checkmark		10	13
See page 60	Sanisub Steel				\checkmark	\checkmark	7	9
Sanifos 280	Sanipump GR	3-7	\checkmark	\checkmark			14	15
Tank volume 280 l See page 62	Sanipump VX		\checkmark	\checkmark			13	26
Sanifos 610 Tank volume 610 I See page 64	Sanipump SLD	CD.	\checkmark		\checkmark		14	35
Sanifos 610	Sanipump GR	140	\checkmark	\checkmark			14	15
Tank volume 610 l See page 66	Sanipump VX		\checkmark	\checkmark			17	29
Sanifos 1300 Tank volume 1300 I See pages 68	Sanisub Steel				\checkmark	\checkmark	7	8
Sanifos 1300 Tank volume 1300 l	Sanipump GR		\checkmark	\checkmark			14	16
See page 70	Sanipump VX	1	\checkmark	\checkmark			17	33
Sanifos 1600 Sanifos 2100 Sanifos 3100	Sanipump ZPG 71		\checkmark		\checkmark		Mad	e to
	Sanipump ZFS 71		\checkmark	\checkmark			mea optior	sure ns see
See page 72	Sanipump VX 50	R	\checkmark	\checkmark	\checkmark		page 72	e / Z



INSTALLATION OF **Sanifos** underground stations

Rain water



Black water



Sanifos: Reliable, flexible and neat solutions

The Sanifos comes as a complete unit and has seven tank volumes available in high strength moulded polyethylene.

It comes with pre-assembled pipework to make installation easier. Once installed and below ground, just the cover is visible.



Sanifos 110

Grey water

The Sanifos 110 is a grey water compact lifting station designed to lift grey water from an individual house or extension: sink, washing machine etc. It can be used for garden rooms or offices that needs grey water removing. The pump uses the Closed impeller technology. It is operated by a float switch for autonomous operation and can handle water up to 90°C. Sanifos 110 comes with pre-mounted pipework and a cable gland for the motor cable outlet and the bottom of the tank is self-cleaning. Its 4 inlets of different diameters allow for flexible installation.



PERFORMANCE

- Total head: 10 m
- Max. flow rate: 14 m³/h

PRODUCT BENEFITS

- Complete solution
- Easy installation: pre-assembled elements
 Closed impeller
- Closed imper4 inlets
- Easy access to the pump with screw-on pedestrian cover
- Automatic pump operation
- Optional complete discharge kit available



DELIVERED AS STANDARD



• Tank with pre-assembled hydraulic and sealing gasket, Sanisub ZPK 40 AV pump, PVC pipe, pedestrian cover



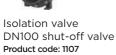
nisub ZPK 40 AV pump, PVC pipe, pedestrian cover

OPTIONAL EXTRAS (SEE ACCESSORIES PAGES)

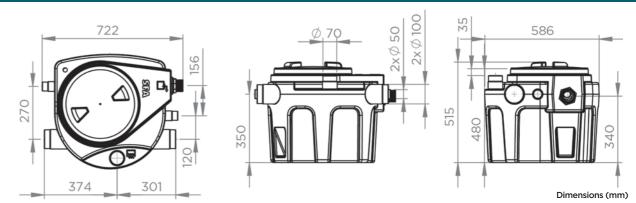




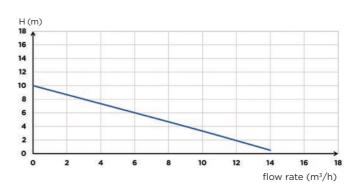
Sanifos 110 evacuation kit Barcode: 3308815077024 Product code: 40500



DIMENSIONS







	Sanifos 110 ZPK 40 AV	
Number of pumps	1	
Material		
Tank	PE	
Pipework	PVC	
Electrical features		
See electrical features for pump on page 84		
Hydraulics		
Max. head (m)	10	
Max. flow rate (m ³ /h)	14	
External inlet diameter (mm)	40, 50, 100, 110, 125	
External discharge diameter (mm)	50	
External ventilation diameter (mm)	75	
Total volume (L)	110	
Useable volume (L)	38	
ON level /OFF level (mm)	240/100	
Min. incoming water connection (mm)	182	
Type of impeller	Closed impeller	
Type of activation	float	
Identification and logistics		
Gross weight (kg)	33.6	
Barcode	3308815085951	
Product code	31001	

UNDERGROUND STATIONS

CONNECTIONS



External inlet diameter : 40, 50, 100, 110, 125 mm

- External discharge diameter : 50 mm
- External ventilation diameter : 75 mm

Saniflo **©SFA**[®]_

Sanifos 110

Grey water, black water

The Sanifos 110 is a compact lifting station designed to lift waste water from an individual house: WC, sink, washing machine etc. This makes it an ideal unit for a garden room or home office which has a WC. Equipped with a grinder pump, it is operated by a float switch for automatic operation. Sanifos 110 comes with pre-mounted pipework and a cable gland for the motor cable outlet and the bottom of the tank is self-cleaning. Its 4 inlets of different diameters allow for flexible installation.



PERFORMANCE

Total head: 14 m

• Max. flow rate: 15 m³/h

PRODUCT BENEFITS

- Complete solution
- Easy installation: pre-assembled elements
- Pro X K2 grinder system 4 inlets
- Easy access to the pump with screw-on pedestrian cover
- Automatic pump operation
- Optional discharge kit available



DELIVERED AS STANDARD



• Tank with pre-assembled hydraulic and sealing gasket, 1 Sanipump GR, PVC pipe, pedestrian cover



Sanipump GR S

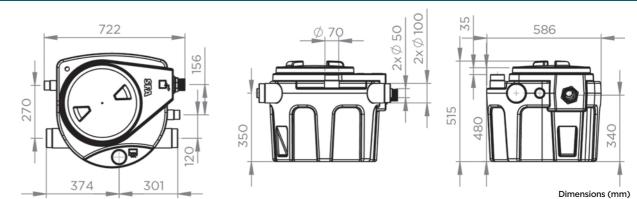
Pro X K2 grinder

OPTIONAL EXTRAS (SEE ACCESSORIES PAGES)

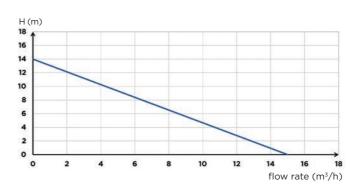


Sanifos 110 evacuation kit Barcode: 3308815077024 Product code: 40500

DIMENSIONS







	Sanifos 110	
Number of pumps	1	
Material		
Tank	PE	
Pipework	PVC	
Electrical features		
See electrical features for pump on page 88		
Hydraulics		
Max. head (m)	14	
Max. flow rate (m ³ /h)	11	
External inlet diameter (mm)	40, 50, 100, 110, 125	
External discharge diameter (mm)	50	
External ventilation diameter (mm)	75	
Total volume (L)	110	
Useable volume (L)	38	
ON level /OFF level (mm)	320/120	
Min. incoming water connection (mm)	182	
Type of impeller	Pro X K2 grinder	
Type of activation	float	
Identification and logistics		
Gross weight (kg)	40	
Barcode	3308815079318	
Product code	40000	

UNDERGROUND STATIONS

CONNECTIONS



External inlet diameter : 40, 50, 100, 110, 125 mm

- External discharge diameter : 50 mm
- External ventilation diameter : 75 mm

Sanifos 280

Grey water, storm water

The Sanifos 280 is a grey water lifting station designed to lift the waste water from a larger household: WC, sink, washing machine etc. It consists of a 280 litre tank and a pump with float switch. It is available in 2 different pump versions: grinder with Pro X K2 technology or vortex. Sanifos 280 comes with its own pipework with shut-off valve and non-return valve and the bottom of the tank is self-cleaning. A 30 cm extension is available as an option.



PERFORMANCE

• Total head: 10 m • Max. flow rate: 13 m³/h

DEPENDING ON MODEL

PRODUCT BENEFITS

- Easy installation: preassembled elements
- 3 drilling zones available for incoming water connections
- Automatic operation • Bottom of the tank is self-cleaning
- Non-return valves and shut-off valves included







Sanifos 280 ZPK 40 A



Sanifos 280 Steel

• Tank with pre-assembled hydraulics, isolation valve and non-return valve, Sanisub ZPK 40 A or Sanisub Steel 50 A pump, PVC piping



OPTIONAL EXTRAS (SEE ACCESSORIES PAGES)

Sanifos 280 extension Barcode: 3308815081298 Product code: 40502

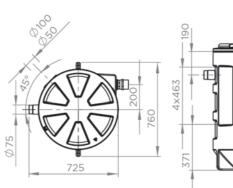




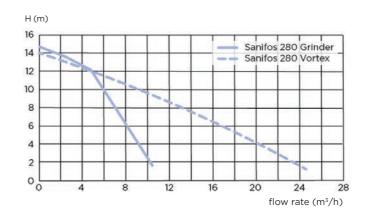
Sanifos alarm for 1 pump versions if required



DIMENSIONS

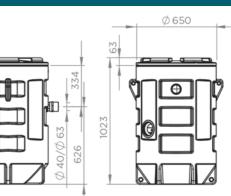


CURVE



	Sanifos 280 ZPK 40 A	Sanifos 280 Steel			
Number of pumps	1	1			
Material					
Tank	PE	PE			
Pipework	PVC	PVC			
Electrical features					
See electrical features for pump on page 84 and page 82 for th	ne ZPK 40 A and sanisub steel				
Hydraulics					
Max. head (m)	10	7			
Max. flow rate (m ³ /h)	13	9			
External inlet diameter (mm)	50, 100	50, 100			
External discharge diameter (mm)	50	50			
External ventilation diameter (mm)	75	75			
Total volume (L)	280	280			
Min. incoming water connection (mm)	180	180			
Max. incoming water connection (mm)	550	550			
Max. incoming water connection if option is available (mm)	885	885			
Type of impeller	Closed channel	Closed channel			
Type of activation	float	float			
Identification and logistics					
Gross weight (kg)	48.6	46.5			
Barcode	3308815085968	3308815085975			
Product code	31002	31003			

UNDERGROUND STATIONS



Dimensions (mm)

CONNECTIONS





External inlet diameter : 50, 100 mm

External discharge diameter : 50 mm

Sanifos 280

Grey water, black water

The Sanifos 280 is a lifting station designed to lift the waste water from a larger household: WC, sink, washing machine etc. It consists of a 280 litre tank and a pump with float switch. It is available in 2 different pump versions: grinder with Pro X K2 technology or vortex. Sanifos 280 comes with its own pipework with shut-off valve and non-return valve and the bottom of the tank is self-cleaning. A 30 cm extension is available as an option.

PERFORMANCE

• Total head: 14 m • Max. flow rate: 26 m³/h

DEPENDING ON MODEL

water connections

• Automatic operation

PRODUCT BENEFITS

• 2 pump versions: grinder or vortex

• Bottom of the tank is self-cleaning

• Easy installation: preassembled elements • 3 drilling zones available for incoming

• Non-return valves and shut-off valves included



DELIVERED AS STANDARD

• Tank with pre-assembled hydraulics, isolation valve and non-return valve, Sanipump GR or VX, handling chain, IP68 terminal block, cable gland









OPTIONAL EXTRAS (SEE ACCESSORIES PAGES)

Sanifos 280 extension Barcode: 3308815081298 Product code: 40502





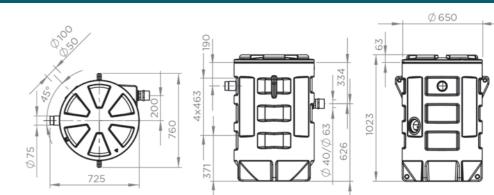
Sanifos alarm for 1 pump versions if required

Pro X K2 grinder

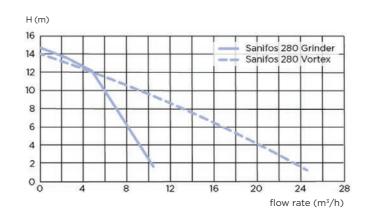




DIMENSIONS



CURVE



	Sanifos 280 1GR S	Sanifos 280 1VX S			
Number of pumps	1	1			
Material					
Tank	PE	PE			
Pipework	PVC	PVC			
Electrical features					
See electrical features for pump on page 88					
Hydraulics					
Max. head (m)	14	13			
Max. flow rate (m ³ /h)	15	26			
External inlet diameter (mm)	50, 100	50, 100			
External discharge diameter (mm)	50	63			
External ventilation diameter (mm)	75	75			
Total volume (L)	280	280			
Min. incoming water connection (mm)	180	180			
Max. incoming water connection (mm)	585	585			
Max. incoming water connection if option is available (mm)	885	885			
Type of impeller	Pro X K2 grinder	vortex			
Type of activation	float	float			
Identification and logistics					
Gross weight (kg)	55	55			
Barcode	3308815083117	3308815081304			
Product code	40001	40002			

UNDERGROUND STATIONS

Dimensions (mm)

CONNECTIONS





External inlet diameter : 50, 100 mm

External discharge diameter : 50 mm

Sanifos 610

Grey water, storm water

The Sanifos 610 rainwater is designed to lift rainwater or grey water depending on the pump chosen. It consists of a 610 litre tank, one or two pumps and integrated float switch(s). It comes in 3 different configurations: 1 single-phase pump, 2 singlephase pumps or 2 three-phase pumps. The Sanifos lifting station comes with PVC pipework, shut-off valve(s) and non-return valve(s). A 30cm extension is available as an option.



PERFORMANCE

- Total head: 13.5 m • Max. flow rate: 35 m³/h

DEPENDING ON MODEL

PRODUCT BENEFITS

- Easy installation: pre-mounted pipework
- 4 drilling zones available for incoming water connection
- 3 versions available: single or dual pump, single or three phase
- Smart control box comes with 2 pump versions



DELIVERED AS STANDARD



• Tank with pre-assembled hydraulics, 2 isolation valves and non-return valves, 3 floats installed in the tank, 1 or 2 Sanipump SLD 700, waterproof terminal block, cable gland, Smart control box with alarm (with 2 pump versions)



Smart box (with 2 pump versions)

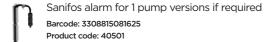


Wired alarm box

Two-channel impeller for rainwater

OPTIONAL EXTRAS (SEE ACCESSORIES PAGES)

Sanifos 280 extension Barcode: 3308815081298 Product code: 40502









Sanipump

SLD 700



10 8 2 0

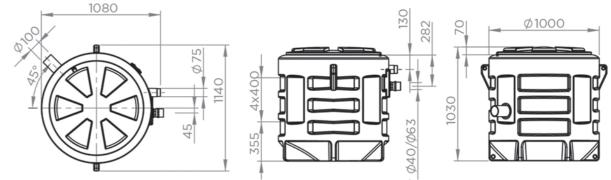
6

0

42 12 18 24 30 36 48 Flow rate (m³/h)

	Sanifos 610 1 SLD 700 SA	Sanifos 610 2 SLD 700 S	Sanifos 610 2 SLD 700 T	
Type of control box	-	Smart	Smart	
Number of pumps	1	2	2	
Material				
Tank	PE	PE	PE	
Pipework	PVC	PVC	PVC	
Electrical features				
See electrical features for pump on page 94				
Hydraulics				
Max. head (m)	13.5	13	14	
Max. flow rate (m ³ /h)	35	32	35	
External inlet diameter (mm)	50, 100	50, 100	50, 100	
Discharge diameter ext. (mm)	63	63	63	
Ext. ventilation diameter (mm)	75	75	75	
Total volume (L)	610	610	610	
Useable volume (L)	190	100	100	
ON Level /OFF level (mm)	-	470/50	470/50	
Alarm level (mm)	-	570	570	
Min. incoming water connection (mm)	325	325	325	
Max. incoming water connection (mm)	670	670	670	
Max. incoming water connection if option is available	1070	1070	1070	
Type of impeller	two-channel	two-channel	two-channel	
Type of activation	float	float	float	
Identification and logistics				
Gross weight (kg)	85	120	120	
EAN code	3308815084145	3308815084152	3308815084169	
Product code	31004	31005	31006	

DIMENSIONS 1080



-Sanifos 610 2 SLD 700 T

Sanifos 610 1 SLD 700 SA



H (m)

18

14

12

UNDERGROUND STATIONS

Dimensions (mm)

CONNECTIONS



📥 External inlet diameter : 50, 100 mm

External discharge diameter : 63 mm

Sanifos 610

Grey water, black water

The Sanifos 610 is a lifting station designed to lift grey water and black water from houses, commercial premises or a group of dwellings. It consists of a 610 litre tank and one or two pumps with integrated float switch(es) and the bottom of the tank is self-cleaning. It is available in 5 different single-phase or three-phase versions with a grinder pump or vortex pump. The lifting station comes with shut-off valve(s) and non-return valve(s). The 2-pump versions come with an interactive monitoring system: the SMART control box.



PERFORMANCE

- Total head: 17 m
- Max. flow rate: 29 m³/h

DEPENDING ON MODEL

PRODUCT BENEFITS

- Easy installation: pre-mounted pipework • 4 drilling zones available for incoming water connection
- 5 versions available: single or dual pump, single or three phase
- 2 types of pump available, either grinder or vortex
- Smart control box comes with 2 pump versions



DELIVERED AS STANDARD



• Tank with pre-assembled hydraulics, 2 isolation valves and non-return valves, 3 floats installed in the tank, 1 or 2 Sanipump GR or VX, handling chain, waterproof terminal block, cable gland, Smart control box with alarm (with 2 pump versions)







Smart box (with

2 pump versions)





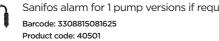
Sanipump VX S

Sanipump GR S



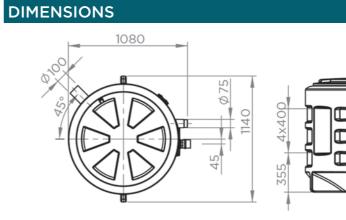
Sanifos 280 extension Barcode: 3308815081298 Product code: 40502



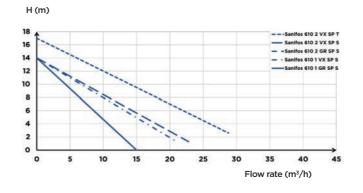




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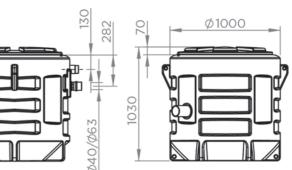
CURVE



	Sanifos 610 1 GR SP S	Sanifos 610 1 VX SP S	Sanifos 610 2 GR SP S	Sanifos 610 2 VX SP S	Sanifos 610 2 VX SP T
Type of control box			Smart	Smart	Smart
Number of pumps	1	1	2	2	2
Material					
Tank	PE	PE	PE	PE	PE
Pipework	PVC	PVC	PVC	PVC	PVC
Electrical features					
See electrical features for pump on page 88					
Hydraulics					
Max. head (m)	14	14	14	14	16.7
Max. flow rate (m ³ /h)	16	21	16	21	28
External inlet diameter (mm)	50, 100	50, 100	50, 100	50, 100	50, 100
External discharge diameter (mm)	50	63	50	63	63
External ventilation diameter (mm)	75	75	75	75	75
Total volume (L)	610	610	610	610	610
Useable volume (L)	150	160	170	170	170
Alarm level (mm)			570	570	570
Min. incoming water connection (mm)	325	325	325	325	325
Max. incoming water connection (mm)	670	670	670	670	670
Max. incoming water connection if option is available (mm)	1070	1070	1070	1070	1070
Type of impeller	Pro X K2 grinder	vortex	Pro X K2 grinder	vortex	vortex
Type of activation	float	float	float	float	float
Identification and logistics					
Gross weight (kg)	100	100	115	115	115
Barcode	3308815081687	3308815083094	3308815083087	3308815083100	3308815081663
Product code	40003	40004	40005	40006	40007

Key: S - Single phase, T - Three-phase

UNDERGROUND STATIONS



Dimensions (mm)

CONNECTIONS



🔶 External inlet diameter : 50, 100 mm

External discharge diameter : 50 mm

Sanifos 1300

Grey water, rain water

The Sanifos 1300 rainwater is a lifting station designed for removing rainwater water, grey water or water that has been treated. It consists of a 1300 litre tank and a steel pump. It can be used for business premises or homes.



DELIVERED AS STANDARD

PERFORMANCE

Total head: 7 m
Max. flow rate: 8 m³/h

DEPENDING ON MODEL

PRODUCT BENEFITS

- Easy installation: pre-mounted hydraulics
- Guide bar for easy maintenance
- Variable incoming water connection
- Self-cleaning sloping tank bottom



• Tank with pre-assembled hydraulics, 2 isolation valves,

2 non-return valves, cable glands, waterproof terminal blocks, 1 tank seal, 1 drilling template.

Sanisub Steel 50 A

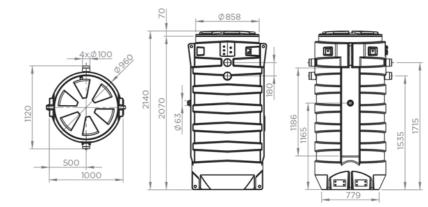


OPTIONAL EXTRAS (SEE ACCESSORIES PAGES)

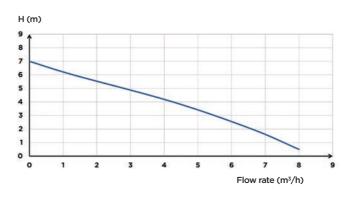
Sanifos 610/1300 extension Barcode: 3308815077826 Product code: 40503



DIMENSIONS







	Sanifos 1300 Steel
Number of pumps	1
Material	
Tank	PE
Pipework	PVC
Electrical features	
See electrical features for pump on page 82	
Hydraulics	
Max. head (m)	7
Max. flow rate (m ³ /h)	8
nal inlet diameter (mm) 50, 100	
Discharge diameter ext. (mm)	50
Ext. ventilation diameter (mm)	100
Total volume (L)	1300
bable volume (L) 160	
Min. incoming water connection (mm)	600
Max. incoming water connection (mm)	1600
Max. incoming water connection if option is available (mm)	2000
Type of impeller	multi-channel
Type of activation	float
Identification and logistics	
EAN code	3308815085944
Product code	31007

UNDERGROUND STATIONS

Dimensions (mm)

CONNECTIONS



External inlet diameter : 50, 100 mm

- External discharge diameter : 50 mm
- External ventilation diameter : 100 mm

Sanifos 1300

Grey water, black water

The Sanifos 1300 is a station designed to lift waste water from buildings, business premises or homes. It consists of a 1300 litre tank and two pumps. It is available in 3 different configurations: single-phase grinder impeller, single-phase vortex impeller or three-phase vortex impeller. This station is delivered with an interactive monitoring system: the Smart control box.

PERFORMANCE

• Total head: 17 m • Max. flow rate: 32 m³/h

DEPENDING ON MODEL

PRODUCT BENEFITS

• Guide bar for easy maintenance

• Delivered with Smart control box

• Variable incoming water connection • Self-cleaning sloping tank bottom

• Easy installation: pre-mounted hydraulics



DELIVERED AS STANDARD

• Tank with pre-assembled hydraulics, 2 isolation valves, 2 nonreturn valves and 3 floats installed in the tank. 2 submersible pumps (either grinder or vortex), stainless steel handling chains with fixing shackles, cable glands, waterproof terminal blocks, 1 tank seal, 1 drilling template, Smart control unit with alarm







Sanipump VX S

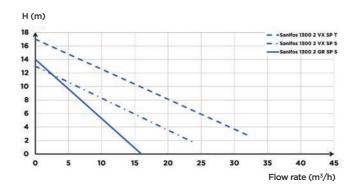
Sanipump GR S

OPTIONAL EXTRAS (SEE ACCESSORIES PAGES)

Sanifos 610/1300 extension Barcode: 3308815077826 Product code: 40503





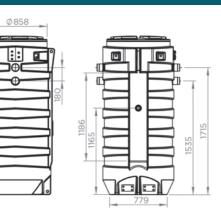


	Sanifos 1300 2GR SP S	Sanifos 1300 2VX SP S	Sanifos 1300 2VX SP T
Type of control box	Smart	Smart	Smart
Number of pumps	2	2	2
Material			
Tank	PE	PE	PE
Pipework	PVC	PVC	PVC
Electrical features			
See electrical features for pump on page 88			
Hydraulics			
Max head (m)	14	13	17
Max. flow rate (m ³ /h)	16	25	32
External inlet diameter (mm)	160	160	160
External discharge diameter (mm)	63	63	63
External ventilation diameter (mm)	100	100	100
Total volume (L)	1300	1300	1300
Useable volume (L)	350	350	350
Alarm level (mm)	930	930	930
Min. incoming water connection (mm)	600	600	600
Max. incoming water connection (mm)	1600	1600	1600
Max. incoming water connection if option is available (mm)	2000	2000	2000
Type of impeller	Pro X K2 grinder	vortex	vortex
Type of activation	float	float	float
Identification and logistics			
Gross weight (kg)	138	138	138
Barcode	3308815077796	3308815077802	3308815077819
Product code	40008	40009	40010

DIMENSIONS

UNDERGROUND STATIONS

Dimensions (mm)



CONNECTIONS



External inlet diameter : 160 mm

External discharge diameter : 63 mm

Sanifos 1600/2100/3100

Create your **TAILOR-MADE** lifting station

Depending on your project the Sanifos can be tailor-made for your requirements. Here are the different steps to finding the configuration you need.





Choose:

Your station

Depending on the number of devices you want to connect to your station, different tank volumes are available. All tanks can accommodate 1 pump or 2 pumps.

Your pump

Depending on the type of water that needs to be removed for your project, you can choose a submersible pump that is suitable. For grey water we recommend ZPG, for black water ZFS.

3 Your control box

Choose the box suitable for your needs. Options available are with floats or pneumatic detection.

4 Your accessories

For your installation chains and shackles are included, but you can choose different covers and a fall protection grid. For a tank with floats - 3 are required in a single pump version, 4 in a twin pump version, two sizes of floats are available.

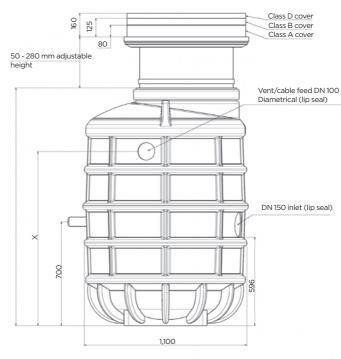


Your station

APPLICATIONS

- Lifting of black water (ZFS) or rainwater (ZPG) from individual houses or public buildings
- Outdoor installation
- Different covers available

DIMENSIONS

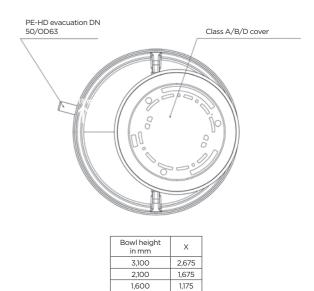


	Sanifos 1600-1	Sanifos 1 1600-2	Sanifos 2100-1	Sanifos 2100-2	Sanifos 3100-1	Sanifos 3100-2
Type of control box	ZPS 1 control box	ZPS 2 control box	ZPS1 control box	ZPS 2 control box	ZPS 1 control box	ZPS 2 control box
Number of pumps	1	2	1	2	1	2
Material						
Tank	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene
Guide bars	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Pipework	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Hydraulics						
External discharge diameter DN	50	50	50	50	50	50
External ventilation diameter DN	100	100	100	100	100	100
External inlet diameter DN	150	150	150	150	150	150
ON level /OFF level (mm)			Adjustable using	g the control box		
Max. incoming water connection (mm)	1000	1000	1500	1500	2500	2500
Max. incoming water connection with extension (mm)	1440	1440	1940	1940	2940	2940
Type of activation	Float or pneumatic depending on pump chosen (see page 54)					
Identification and logistics						
Barcode	3308815081885	3308815081915	3308815081892	3308815081922	3308815081908	3308815081939
Product code	14479	14490	14474	14477	14475	14478

UNDERGROUND STATIONS >>TAILOR-MADE

ADVANTAGES

- Adjustable extension height
- DN32 stainless steel piping, pre-assembled with coupling system
- Non-return valve, shut-off valve and 1" connectors
- PE-HD outlet 63 x 5.8, external to the manhole
- 2 DN 100 connections for cable glands
- This unit can be made to your requirements please contact us for more information



Your pump Sanipump VX 50 **SANIPUMP ZPG 71 SANIPUMP ZFS 71** • For pumping rainwater • All waste water • For pumping waste or black water water or rainwater Cast iron grinder impeller • Cast iron pump with Cast iron pump with pump vortex impeller vortex impeller • Ideal for high total dynamic Suitable for use in a Can be used in a head requirements manhole or pit manhole or pit Can be used for collective Details on page 90 sanitary facilities, such Details on page 96 as public buildings and apartment blocks • Details on page 92 SANIPUMP ZPG 71.1 S 3308815081533 SANIPUMP ZFS 71.1 S 3308815081571 SANIPUMP VX 50.1 S 3308815090139 21857 21410 31012 SANIPUMP ZPG 71.1 T 3308815081540 SANIPUMP ZFS 71.1 T 3308815081588 SANIPUMP VX 50.1 SA 3308815090146 21858 21411 31013 SANIPUMP ZFS 71.2 T 3308815081595 SANIPUMP VX 50.1 T 3308815090153 SANIPUMP ZPG 71.2 T 3308815081557 21859 21412 31014

SANIPUMP ZFS 71.3 T 3308815081601

SANIPUMP ZFS 71.4 T 3308815081618

Your control box

21860



SANIPUMP ZPG 71.3 T 3308815081564

ZPS control box for the installation of one pump

- Wall mounted control box
- Available in pneumatic or float version
- Memory of the last 64 error messages
- Integrated audio and visual alarm
- Displays operating status by text and indicator light
- Automatic operation of one (or more) pumps
- Alternating operation for workstation with dual pumps



21413

21332

SANIPUMP VX 50.2 S 3308815090160

SANIPUMP VX 50.2 SA 3308815090177

SANIPUMP VX 50.2 T 3308815090184

SANIPUMP VX 50.3 S 3308815090191

SANIPUMP VX 50.3 SA 3308815090207

SANIPUMP VX 50.3 T 3308815090214

SANIPUMP VX 50.4 S 3308815090221

SANIPUMP VX 50.4 SA 3308815090238

31015

31016

31017

31018

31019

31020

31021

31022

31023

ZPS control box for the installation of two pumps

- Can switch on the 2nd pump if necessary
- Error messages displayed
- · Level control via dynamic pressure, float switch or 4-20 mA interface for external sensor
- Displays operating hours, electricity consumption as well as maintenance intervals

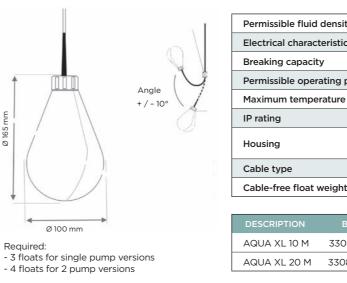
Details on page 106, Accessories.

DESCRIPTION	NO. OF PUMPS	POWER	BARCODE	PRODUCT CODE
ZPS 1 S CONTROL BOX PNEUMATIC VERSION	1	230 V	3308815081793	21863
ZPS 2 S CONTROL BOX PNEUMATIC VERSION	2	230 V	3308815081809	21864
ZPS1T CONTROL BOX PNEUMATIC VERSION	1	400 V	3308815081816	21884
ZPS 2 T CONTROL BOX PNEUMATIC VERSION	2	400 V	3308815081823	21885
ZPS1SCONTROL BOX FLOAT VERSION	1	230 V	3308815081830	21865
ZPS 2 S CONTROL BOX FLOAT VERSION	2	230 V	3308815081847	21866
ZPS 1 T CONTROL BOX FLOAT VERSION	1	400 V	3308815081854	21867
ZPS 2 T CONTROL BOX FLOAT VERSION	2	400 V	3308815081878	21868

Your	accessories
	Your

AQUA XL

Due to its weight (775 g) and volume this self-weighted level float, is perfectly suited to starting and stopping several pumps in waste water lifting stations, where sometimes thick layers of fat form on the surface.



STANDARD COVERS EN124

According to standard NF EN 124, lids are classified in the following categories: A15, B125 and D400.



P

CLASS B125 Footpaths, pedestrian areas and similar areas parking areas and multi-storey car parks

DESCRIPTION	BARCODE	PRODUCT CODE
COVER A	3308815081946	16035
COVER B	3308815081953	16038
COVER D	3308815081960	16044
COVER D + GAC 600	3308815082677	30513
COVER D + GAC 800	3308815082684	30514

FALL PROTECTION GRILL, OPTIONAL FOR COVER D

The fall protection grill keeps people safe when the cover is open for work or maintenance.

FEATURES	GAC 600	GAC 800	
Tube Rods	Ø 27/Ø 21	Ø 26.9 th. 2 mm	
Material	316 L stainless steel		
Resistance	Static load capacity 500 kg maximum		
Spacing between each rod	53 mm < 120 mm		
Opening angle	> `	100°	
Free passage A X B in mm	504 x 617	597 x 817	
Weight in kg	9.3	13.5	

UNDERGROUND STATIONS >>TAILOR-MADE

WEIGHTED FLOAT FOR STATIONS

sities	0.95 to 1.05 g/cm ³
ics	250 VAC 50-60 Hz
	10 (4) A
pressure	2 bar
e	70 °C
	IP 68
	Polypropylene copolymer
	PVC 3 x 0.75 mm
nt	775 g

BARCODE	PRODUCT CODE
08815082691	41000
08815082707	41001

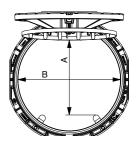


COVERS FOR PEDESTRIAN AND VEHICLE TRAFFIC



CLASS D400

Traffic lanes, streets / roads (including pedestrian), hard shoulders and parking areas for all types of vehicles



A pump for all situations

6

Submersible pumps

> Drainage pumps

Pumps for underground tanks

						Waste	water	
		Clear water	Rain water	Sew	age	Grey	Black	Saline water
Product name	Product	Water from boreholes, wells, sumps, swimming pools			ter, cellar sidual water	water Sinks, washing machines	water WC	Waste from water softners (<15%)
		Particle size <1 mm		Particle size <10 mm	Particle size <30 mm			(<15%)
Sanipuddle Head = 7 m Peak flow = 5.5 m ³ /h See page 78		~						
Sanisub 400 Head = 7.5 m Peak flow = 7 m ³ /h		~		\checkmark		~		
See page 80								
Sanisub Steel & Emergency Kit Head = 7.5 m Peak flow = 9 m ³ /h See page 82	Ţ,	~		\checkmark		~		
Sanisub ZPK Head = 10 m Peak flow = 10 m ³ /h Sanisub ZPK 40 AV Head = 10 m Peak flow = 10 m ³ /h See page 84		~	\checkmark	~	~	~		
Sanisub S ZPK Head = 10 m Peak flow = 10 m ³ /h See page 86		~	\checkmark	\checkmark	~	~		~
Sanipump GR Head = 14 m Peak flow = 15 m ³ /h		~		\checkmark		~	\checkmark	
Sanipump VX Head = 17 m Peak flow = 33 m ³ /h		~		\checkmark		~	\checkmark	
See page 88 Sanipump ZPG 71 Head = 31 m Peak flow = 43 m ³ /h See page 90		~	\checkmark	\checkmark	~	~		
Sanipump ZFS 71 Head = 39 m Peak flow = 17 m ³ /h See page 92		~		\checkmark	~	~	\checkmark	
Sanipump SLD 700 Head = 14 m Peak flow = 48 m ³ /h See page 94		~	\checkmark	\checkmark	\checkmark	~		
See page 94 Sanipump VX 50 Head = 16 m Peak flow = 29 m ³ /h See page 96		~	\checkmark	\checkmark	~	~	\checkmark	
See page 30 Sanipump VX 65/80 Head = 35 m Peak flow = 110 m ³ /h See page 100		~	\checkmark	\checkmark	~	~	\checkmark	
					I			

>> Our range of pumps

Sanipuddle

The Sanipuddle is a submersible pump which removes clear water or rain water from cellars, laundries, swimming pool floors, spas or lift shafts etc and can remove water down to 1 mm. Sanipuddle can lift water up to 7 m. Non-return valve and power cable included. An electronic control level is available as an option.



PERFORMANCE

Total head: 7 m

• Max. flow rate: 5.5 m³/h

PRODUCT BENEFITS

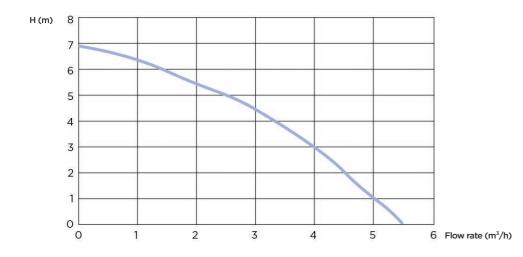
- High-quality polypropylene and stainless steel pump
- Drains down to 1mm of water
- Double mechanical seal
- Integrated non-return valve

PACKAGING

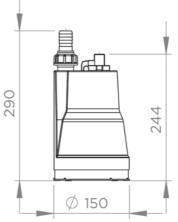
Sanipuddle pump, supply cable (10 m), non-return valve



CURVE



DIMENSIONS

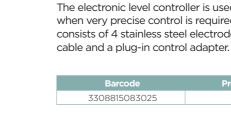


	Sanipuddle
Material	
Shaft	Stainless steel
Pump housing	PP GF
Waterproofing	Carbon/ceramic/NBR
Motor housing	Stainless steel
Impeller	PA 6 GF
Electrical features	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	300
Power output P2 (W)	160
Revolutions per minute (RPM)	2800
Electrical class	I
Immersion depth (m)	5
Power cable: length (m)	10
Hydraulics	
Max. head (m)	7
Max. flow rate (m ³ /h)	5.5
Discharge diameter (inches)	1
Particle size (mm)	1
Max. temperature of the pumped liquid (5 min)	70°C
Type of impeller	Multi-channel
Type of activation	Manual
Identification and logistics	
Gross weight (kg)	3.77
Barcode	3308815083179
Product code	22044

OPTIONAL EXTRAS

OSF/

ELECTRONIC LEVEL CONTROL FOR SANIPUDDLE



Dimensions (mm)

The electronic level controller is used for controlling the level of fluids in tanks or pits when very precise control is required or when the level of fluids must be very low. It consists of 4 stainless steel electrodes, an electrode holder, a mounting bracket, a 10 m

Product code 22025

Sanisub 400

The Sanisub 400 is a submersible clear water pump for removing flood water from buildings or cellars. It can lift water up to 7.5 m. It is triggered automatically by an integrated lever float. Versatile; it can be transformed into a low suction pump for residual water by using its removable drain and the float lock for continuous operation.



PERFORMANCE

• Total head: 7.5 m

• Max. flow rate: 7 m³/h

PRODUCT BENEFITS

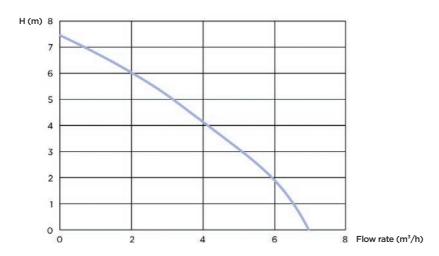
- Automatic activation
- 7 m immersion depth
- Leaves only 5 mm of water once cover is removed
- 10 mm particle size
- Integrated non-return valve
- Float lock ring included

PACKAGING

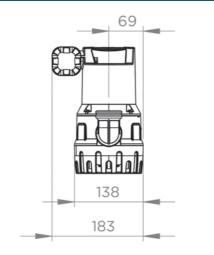
Sanisub 400 pump, supply cable (10 m). 90° connection elbow, non-return valve



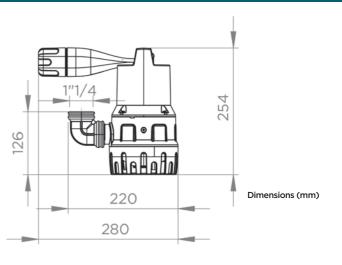
CURVE



DIMENSIONS



	Sanisub 400
Material	
Shaft	Stainless steel
Pump housing	PP GF
Waterproofing	NBR
Motor housing	Stainless steel
Impeller	PA 6 GF
Electrical features	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	400
Power output P2 (W)	180
Revolutions per minute (RPM)	2800
Electrical class	I
Immersion depth (m)	7
Power cable: length (m)	10
Hydraulics	
Max. head (m)	7.5
Max. flow rate (m ³ /h)	7
Discharge diameter G (inches)	1"74
ON level /OFF level (mm)	200/50
Particle size (mm)	10
Max. temperature of the pumped liquid (5 min)	70°C
Type of impeller	Multi-channel
Type of activation	Float
Identification and logistics	
Gross weight (kg)	4.6
Barcode	3308815081632
Product code	33101



Sanisub Steel and Emergency Kit

The Sanisub Steel is a vacuum pump designed for the removal of lightly contaminated water: ponds, tanks and flooded cellars. Sanisub Steel is a stainless steel pump with optimised cooling. This pump can lift water up to 7.5 m with a particle size of 10 mm and a maximum temperature of 75°C.

The emergency kit includes a basket with fixing kit, a 15 m discharge hose and quick couplings.



PERFORMANCE

- Total head: 7.5 m
- Max. flow rate: 9 m³/h

PRODUCT BENEFITS

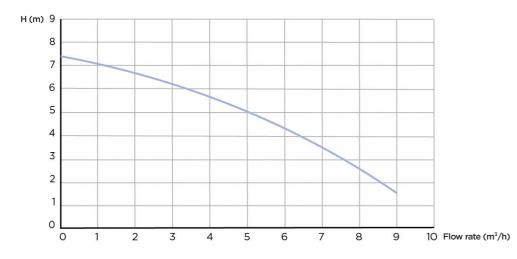
- 10 mm particle size
- 7.5 m lifting height
- Optimised cooling
- Automatic activation by float
- Sanisub steel pump available without emergency kit (Code 22488)
- Easy to store: basket comes with a cover • 15 m drain hose with quick couplings and hose support included

PACKAGING

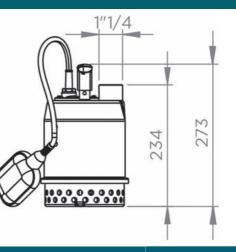
Sanisub Steel pump, basket with fixing kit, 15 m drain hose with quick couplings, hose support, supply cable (10 m)



CURVE



DIMENSIONS



	Sanisub Steel and Emergency Kit
Material	
Shaft	Stainless steel
Pump housing	GG-20
Waterproofing	Carbon/ceramic
Motor housing	Stainless steel
Impeller	PA 6 GF
Electrical features	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	450
Power output P2 (W)	203
Revolutions per minute (RPM)	2800
Electrical class	I
Motor insulation class	F
Immersion depth (m)	5
Power cable: length (m)	10
Hydraulics	
Max. head (m)	7.5
Max. flow rate (m ³ /h)	9
Discharge diameter G (inches)	1''1/4
Particle size (mm)	10
Max. temperature of the pumped liquid (5 min)	70°C
Type of impeller	Multi-channel
Type of activation	Float
Identification and logistics	
Barcode	3308815083964
Product code	22512

SANISUB STEEL 50 A

Pump only

	Sanisub Steel 50 A
Identification and logistics	
Gross weight (kg)	4.5
Barcode	3308815083162
Product code	22488



Sanisub ZPK

The Sanisub ZPK is a cellar pump available in 3 models designed for pumping water from cellars, garages and rainwater manholes.

It can handle hot water up to 90°C for short periods. Sanisub ZPK is triggered automatically by an adjustable float and can pump water up to 10 m with a particle size of 10 to 30 mm. All versions are supplied with a 90° connection bend of DN25 or DN32 (depending on model) and a 10 m supply cable with plug.



PRODUCT BENEFITS

• Lifting height up to 10 m

PERFORMANCE

Total head: 10 m
Max. flow rate: 10 m³/h

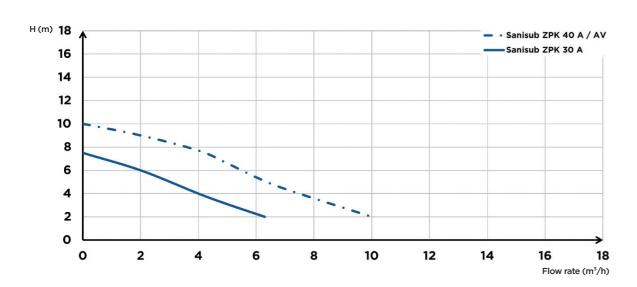
- \cdot Can pump water with particle size from 10 mm to 30 mm
- Water resistance up to 90°C (short periods max 5 mins)

PACKAGING

Sanisub ZPK pump, 90° connection bend (30 A DN 25, 40 A DN 32), non-return valve, 10 m supply cable

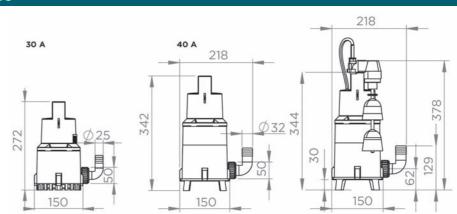


CURVE



Sanisub ZPK 40 AV

DIMENSIONS



Sanisub ZPK 30 A / 40 A

	Sanisub ZPK 30 A	Sanisub ZPK 40 A	Sanisub ZPK 40 AV
Material			
Shaft	Stainless steel	Stainless steel	Stainless steel
Pump housing	PP GF	PP GF	PP GF
Waterproofing	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic/NBR
Motor housing	Stainless steel	Stainless steel	Stainless steel
mpeller	PA 6 GF	PA 6 GF	PA 6 GF
Electrical features			
Voltage (V)	230	230	230
Frequency (Hz)	50-60	50-60	50-60
Power consumption P1 (W)	300	850	850
Power output P2 (W)	130	430	430
Revolutions per minute (RPM))	2800	2800	2800
Electrical class	I	I	I
Submerged	S1	S1	S1
mmersion depth (m)	5	5	5
Power cable: length (m)	10	10	10
lydraulics			
fax. head (m)	7.5	10	10
Max. flow rate (m³/h)	7	10	10
Discharge diameter DN	25	32	32
Discharge diameter G (inches)	1**1/4]**1/4	1''1/4
Particle size (mm)	10	30	30
Max. temperature of the pumped liquid (5 min)	90 °C	90 °C	90 °C
Type of impeller	Multi-channel	Multi-channel	Multi-channel
Type of activation	Float	Float	Float
dentification and logistics			
Gross weight (kg)	4.48	6.43	6.60
Barcode	3308815081434	3308815081441	3308815085937
Product code	22046	22047	31008

Sanisub	7PK	40	AV
Sallisub	ZPh	40	AV

Sanisub S ZPK

Equipped with a silicon carbide mechanical seal, Sanisub S ZPK is a cellar pump designed for the evacuation of saline water (maximum salt content 15%), ideal for brine water from softeners and boiler condensate water. Sanisub S ZPK is automatically triggered by its adjustable float.

Available in two versions, Sanisub S ZPK withstands water temperatures of up to 90°C for 5 minutes and can lift water up to 10 m high. It is suitable for removing water with solids from a particle size of 10mm to 30mm depending on the model.



PERFORMANCE

- Total head : 10 m
- Max. flow rate : 10 m³/h

PRODUCT BENEFITS

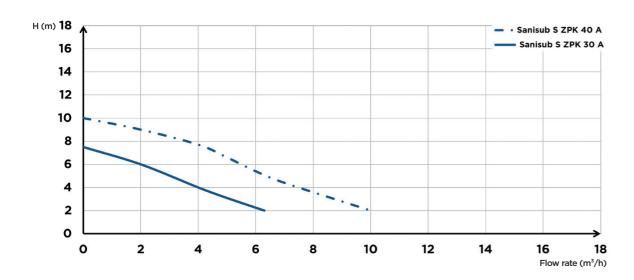
- Discharge of salt water
- Lifting height up to 10 m
- Particle size from 10 mm to 30 mm
- Resistant to hot water up to 90 °C (short periods)
- Adjustable float height

PACKAGING

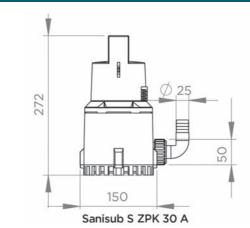
Sanisub S ZPK pump, 90° connection bend (30 A DN 25, 40 A DN 32), non-return valve, supply cable



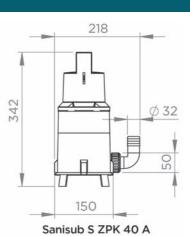
CURVE



DIMENSIONS



	Sanisub S ZPK 30 A	Sanisub S ZPK 40 A
Material		
Shaft	Stainless steel	Stainless steel
Pump housing	PP GF	PP GF
Waterproofing	Viton	Viton
Motor housing	Stainless steel	Stainless steel
Impeller	PA 6 GF	PA 6 GF
Electrical features		
Voltage (V)	230	230
Frequency (Hz)	50-60	50-60
Power consumption P1 (W)	300	850
Power output P2 (W)	130	430
Revolutions per minute (RPM)	2800	2800
Electrical class	1	1
Immersion depth (m)	5	5
Power cable: length (m)	10	10
Hydraulics		
Max. head (m)	7.5	10
Max. flow rate (m ³ /h)	7	10
Discharge diameter DN	25	32
Particle size (mm)	10	30
Max. temperature of the pumped liquid (5 min)	90°C	90°C
Type of impeller	Multi-channel	Multi-channel
Type of activation	Float	Float
Identification and logistics		
Gross weight (kg)	4.48	6.43
Barcode	3308815083209	3308815083216
Product code	22048	22049



Sanipump Grinder or Vortex

Sanipump Grinder and Sanipump Vortex are two pumps designed for the removal of domestic waste water from toilets, bathrooms, kitchens or laundry rooms. The Sanipump Grinder's Pro X K2 grinding system allows the discharge of waste water through small diameter pipe. Sanipump Vortex comes with a vortex wheel KX V6. It can remove solids up to 50 mm. The Sanipump uses a float activation system.



PERFORMANCE

• Total head: 14 m • Max. flow rate: 27 m³/h

DEPENDING ON MODEL

PRODUCT BENEFITS

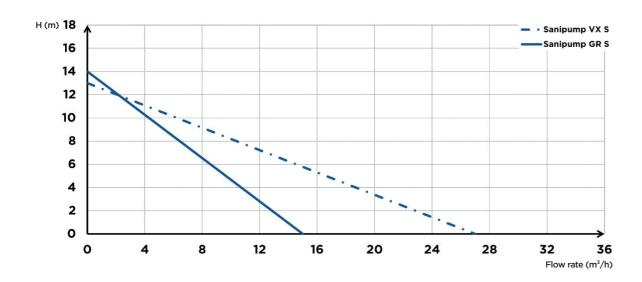
- Stand-alone operation
- 2 versions available, one with vortex technology and one with grinder technology
- Float activation system
- Maximum wastewater temperature: 70°C

PACKAGING

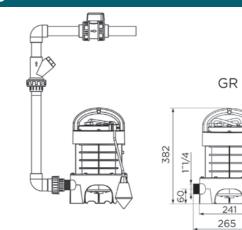
Sanipump with float activation



CURVE



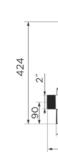




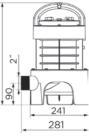
	Sanipump GR S	Sanipump VX S
Material		
Shaft	Stainless steel	Stainless steel
Pump housing	PA 6 GF	PA 6 GF
Waterproofing	NBR	NBR
Foot	PA 6 GF	PA 6 GF
Motor housing	PA 6 GF	PA 6 GF
Impeller	PA 6 GF	PA 6 GF
Electrical features		
Voltage (V)	230	230
Frequency (Hz)	50-60	50-60
Power consumption P1 (W)	1500	1500
Power output P2 (W)	1050	1050
Revolutions per minute (RPM)	2800	2800
Electrical class	I	I
Motor insulation class	F	F
Mode of operation	S3 30%	S3 15%
Immersion depth (m)	5	5
Power cable: length (m)	10	10
Power cable: type of cable, section (mm ²)	H07 RN-F 3G, 1.5	H07 RN-F 3G, 1.5
Hydraulics		
Max. head (m)	14	13
Max. flow rate (m ³ /h)	11	27
Discharge diameter G (inches)	1''1⁄4	2
ON level/OFF level (mm)	400/100	400/100
Max. temperature of the pumped liquid (5 min)	70°C	70°C
Type of impeller	Pro X K2 grinder	Vortex
Type of activation	Float	Float
Identification and logistics		
Gross weight (kg)	13	13
Barcode	3308815074610	3308815076201
Product code	30014	30015







VX



Sanipump ZPG 71

The Sanipump ZPG 71 is a cast iron submersible pump for pumping grey water and rainwater with a maximum lift height of 31 m and a free passage of 40 mm. Sanipump ZPG 71 can be installed in a manhole or pit. All accessories are available for installation on the floor or on a base.

Sanipump ZPG 71 is compatible with Sanifos 1600/2100/3100 and is available in 4 versions: 1 single-phase and 3 three-phase.



PERFORMANCE

- Total head: 32 m
- Max. flow rate: 43 m³/h

DEPENDING ON MODEL

PRODUCT BENEFITS

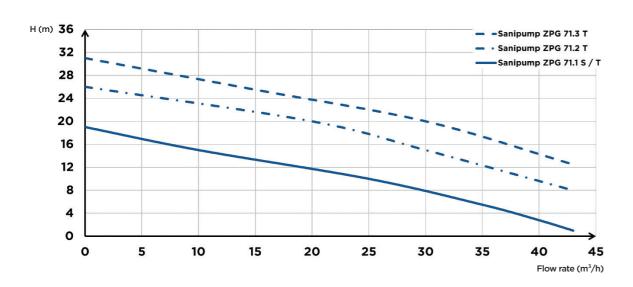
- Rainwater lifting
- S1 mode, if motor fully submerged
- Integrated stand
- Bi-channel impeller
- 40 mm free passage
- Available in 4 versions
- Compatible with Sanifos 1600/2100/3100

PACKAGING

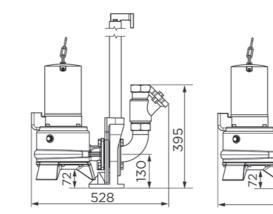
Sanipump ZPG pump, stand



CURVE

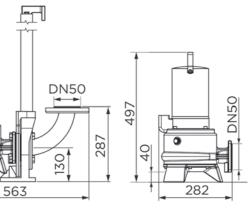


DIMENSIONS



	Sanipump ZPG 71.1 S	Sanipump ZPG 71.1 T	Sanipump ZPG 71.2 T	Sanipump ZPG 71.3 T
Material				
Shaft	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Pump housing	GG-20	GG-20	GG-20	GG-20
Waterproofing	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic
Foot	GG-20	GG-20	GG-20	GG-20
Motor housing	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20
Electrical features				
Voltage (V)	230	400	400	400
Frequency (Hz)	50-60	50-60	50-60	50-60
Power consumption P1 (W)	2200	2100	3900	3900
Power output P2 (W)	1600	1700	3200	3200
Revolutions per minute (RPM)	2800	2800	2800	2800
Electrical class	I	1	I	I
Motor insulation class	F	F	F	F
Submerged	S1	S1	S1	S1
Mode of operation	S3 40%	S3 40%	S3 40%	S3 40%
Immersion depth (m)	5	5	5	5
Power cable: length (m)	10	10	10	10
Power cable: type of cable, section (mm ²)	S1BN8-F, 1.5	S1BN8-F, 1.5	S1BN8-F, 1.5	S1BN8-F, 1.5
Hydraulics				
Max. head (m)	19	19	26	31
Max. flow rate (m ³ /h)	43	43	43	43
Discharge diameter DN	50	50	50	50
Particle size (mm)	40	40	40	40
Max. temperature of the pumped liquid (5 min)	70°C	70°C	70°C	70°C
Type of impeller	Two-channel	Two-channel	Two-channel	Two-channel
Identification and logistics				
Gross weight (kg)	38	40	44	46
Barcode	3308815081533	3308815081540	3308815081557	3308815081564
Product code	21857	21858	21859	21860

Key: S - Single phase, T - Three-phase



Sanipump ZFS 71

The Sanipump ZFS 71 is a cast iron submersible pump for lifting waste water (collective sanitary facilities) up to a height of 39 m. Sanipump ZFS 71 is equipped with a grinder impeller. It is available in single-phase and three-phase versions and is compatible with Sanifos 1600/2100/3100.



PERFORMANCE

- Total head: 39 m
- Max. flow rate: 17 m³/h

DEPENDING ON MODEL

PRODUCT BENEFITS

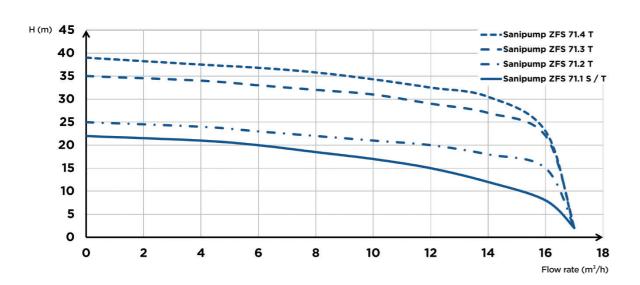
- Mode S1 (if motor fully immersed)
- ATEX pump
- 5 versions, single and three-phase
- Discharge in DN50
- Double mechanical seal
- Compatible with Sanifos 1600/2100/3100

PACKAGING

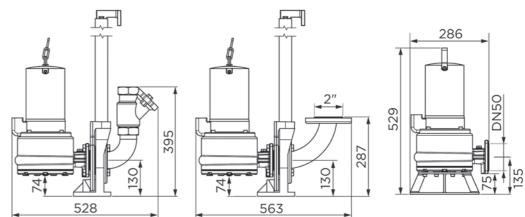
Sanipump ZFS pump



CURVE



DIMENSIONS



	Sanipump ZFS				
	71.1 S	71.1 T	71.2T	71.3T	71.4T
Material	71.13	71.11	71.21	71.51	71.41
Shaft	Stainless steel				
Pump housing	GG-20	GG-20	GG-20	GG-20	GG-20
Waterproofing	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic
Foot	GG-20	GG-20	GG-20	GG-20	GG-20
Motor housing	GG-20	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20	GG-20
Electrical features					
Voltage (V)	230	400	400	400	400
Frequency (Hz)	50-60	50-60	50-60	50-60	50-60
Power consumption P1 (W)	2200	2100	2100	3900	3900
Power output P2 (W)	1600	1700	1700	3200	3200
Revolutions per minute (RPM)	2800	2800	2800	2800	2800
Electrical class	I	I	I	I	I
Motor insulation class	F	F	F	F	F
ATEX	Yes	Yes	Yes	Yes	Yes
Submerged	S1	S1	S1	S1	S1
Mode of operation	S3 40%				
Immersion depth (m)	5	5	5	5	5
Power cable: length (m)	10	10	10	10	10
Power cable: type of cable, section (mm ²)	S1BN8-F, 1.5				
Hydraulics					
Max. head (m))	22	22	25	35	39
Max. flow rate (m ³ /h)	17	17	17	17	17
Discharge diameter DN	50	50	50	50	50
Max. temperature of the pumped liquid (5 min)	70°C	70°C	70°C	70°C	70°C
Type of impeller	Pro X K3 grinder				
Identification and logistics					
Gross weight (kg)	38	38	38	42	42
Barcode	3308815081571	3308815081588	3308815081595	3308815081601	3308815081618
Product code	21410	21411	21412	21413	21332

Key: S - Single phase, T - Three-phase

Sanipump SLD 700

The Sanipump SLD is a pump designed for high-flowing rainwater up to 48 m3/h. It is available in single-phase or three-phase with a free passage of 50 mm due to its high-performance two-channel impeller. A version with a base for installation in a manhole as well as drainage kits and accessories are available. When 2 pumps are installed, it is recommended that a ZPS control box and Aqua XL floats is installed.



PERFORMANCE

• Total head: 14 m

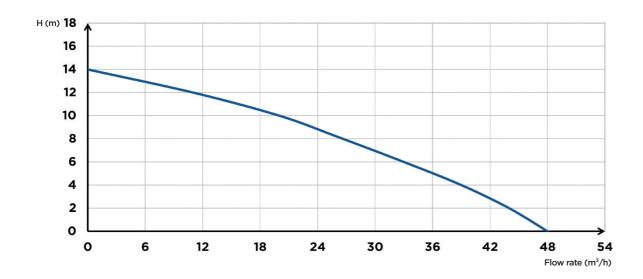
• Max. flow rate: 48 m³/h

PRODUCT BENEFITS

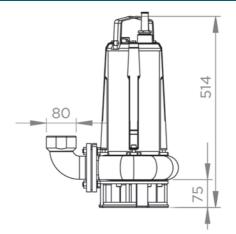
- High flow rates: up to 48 m³/hour
- Mode S1 (if motor fully immersed)
- Suitable for rainwater discharge
- Two-channel impeller with 50 mm free passage
- Single-phase or three-phase versions
- base or coupling system



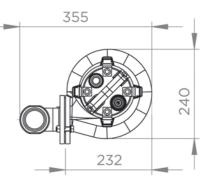
CURVE



DIMENSIONS



	Sanipump SLD 700 S	Sanipump SLD 700 SA	Sanipump SLD 700
Material			
Shaft	Stainless steel	Stainless steel	Stainless steel
Pump housing	EN-GJL-200	EN-GJL-200	EN-GJL-200
Waterproofing	Carbon/Ceramic/NBR	Carbon/Ceramic/NBR	Carbon/Ceramic/NBR
Foot	EN-GJL-200	EN-GJL-200	EN-GJL-200
Motor housing	EN-GJL-200	EN-GJL-200	EN-GJL-200
mpeller	EN-GJL-200	EN-GJL-200	EN-GJL-200
Electrical features			
Voltage (V)	230	230	400
Frequency (Hz)	50-60	50-60	50-60
Power consumption P1 (W)	2000	2000	2000
Power output P2 (W)	1100	1100	1100
RPM (revolution per minute)	2800	2800	2800
Electrical class	I	I	
Motor insulation class	F	F	F
Submerged	S1	S1	S1
mmersion depth (m)	20	20	20
Power cable : Length (m)	10	10	10
Hydraulics			
Max. head (m)	14	14	14
Max. flow rate. (m³/h)	48	48	48
Discharge diameter DN	50	50	50
Discharge diameter G (inch)	2	2	2
Particle size (mm)	50	50	50
Max. temperature of the pumped liquid (5 min)	70 °C	70 °C	70 °C
Type of impeller	Two-channel	Two-channel	Two-channel
Type of activation	-	Float	-
dentification and logistics			
Gross weight (kg)	32.5	32.8	31
EAN code	3308815084015	3308815083988	3308815084060
Product code	31009	31010	31011



Sanipump VX 50

The Sanipump VX 50 is a cast iron submersible pump which can remove black water and rainwater up to a maximum height of 16 m and has a discharge diameter of DN 50. Sanipump VX 50 can be installed in a manhole or a pit and is available as a portable or stationary version. Sanipump VX 50 is compatible with Sanifos 1600/2100/3100 and is available in 12 versions: 8 single-phase (including 4 automatic) and 4 three-phase.



PERFORMANCE

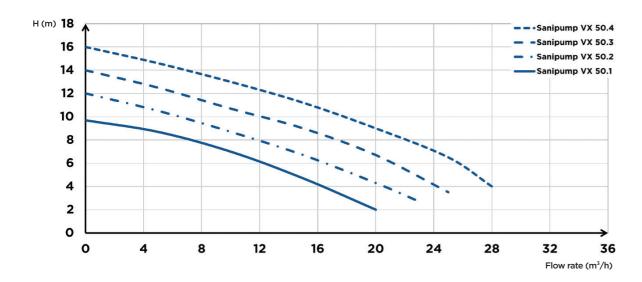
• Total head: 16 m • Max. flow rate: 29 m³/h

PRODUCT BENEFITS

- Vortex impeller
- DN 50 outlet
- 12 versions, single and three-phase
- S1 mode (if motor fully submersed)
- Available in transportable or stationary version
- Compatible with Sanifos 1600/2100/3100

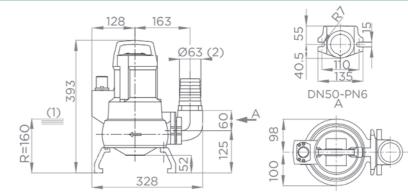


CURVE



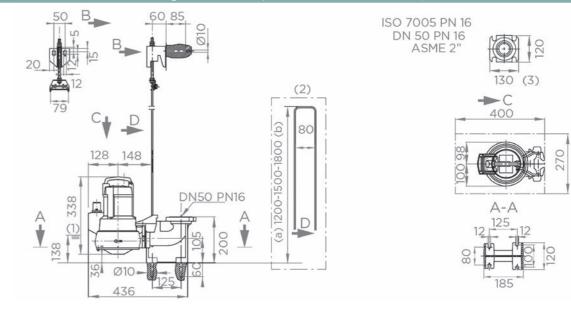
DIMENSIONS

Installation with the transportable kit



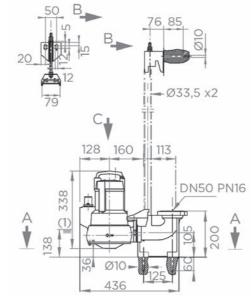
(1) Lowest stopping point (2) Diameter of inner flexible hose: 63mm

Permanent installation with guide bracket, base and elbow DN 50/50



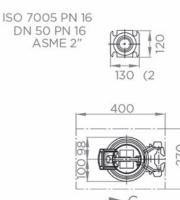
(1) Lowest stopping point (2) Stirrup (3) Elbow flange (a) Minimum (b) Maximum

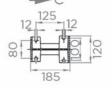
Permanent installation with guide bar, base and elbow DN 50/50



(1) Lowest stopping point (2) Elbow flange







	Sanipump VX 50.1 S	Sanipump VX 50.1 SA	Sanipump VX 50.1 T	Sanipump VX 50.2 S	Sanipump VX 50.2 SA	Sanipump VX 50.2 T
Material						
Shaft	Stainless steel					
Pump housing	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250
Sealing on motor side	Shaft seal ring					
Fluid sealing	SIC/AI203	SIC/AI203	SIC/AI203	SIC/AI203	SIC/AI203	SIC/AI203
Motor housing	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250
Impeller	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250
Electrical features						
Voltage (V)	230	230	400	230	230	400
Frequency (Hz)	50	50	50	50	50	50
Power consumption P1 (W)	1000	1000	900	1250	1250	1100
Power output P2 (W)	550	550	550	750	750	750
Revolution per minute (RPM)	2800	2800	2800	2800	2800	2800
Electrical class	I	I	I	I	I	I
Motor insulation class	F	F	F	F	F	F
Submerged	S1	S1	S1	S1	S1	S1
Max. number of starts per hour	15	15	15	15	15	15
Immersion depth (m)	10	10	10	10	10	10
Power cable : Length (m)	10	10	10	10	10	10
Power cable : Type of cable, Section	H07 RN8-F, 3x1 mm ²	H07 RN8-F, 3x1 mm ²	H07 RN8-F, 4x1 mm ²	H07 RN8-F, 3x1 mm ²	H07 RN8-F, 3x1 mm ²	H07 RN8-F, 4x1 mm ²
Hydraulics						
Max. head (m)	9	9	9	12	12	12
Max. flow rate (m ³ /h)	20	20	20	23	23	23
Discharge diameter DN	50	50	50	50	50	50
Particle size (mm)	45	45	45	45	45	45
Max. temperature of the pumped liquid (5 min)	40 °C					
Type of impeller	Vortex	Vortex	Vortex	Vortex	Vortex	Vortex
Type of activation	-	Float	-	-	Float	-
Identification and logistics						
Gross weight (kg)	22	23	22	23	23	23
EAN code	3308815090139	3308815090146	3308815090153	3308815090160	3308815090177	3308815090184
Product code	31012	31013	31014	31015	31016	31017

	Sanipump VX 50.3 S	Sanipump VX 50.3 SA	Sanipump VX 50.3 T	Sanipump VX 50.4 S	Sanipump VX 50.4 SA	Sanipump VX 50.4 T
Material						
Shaft	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Pump housing	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250
Sealing on motor side	Shaft seal ring	Shaft seal ring	Shaft seal ring	Shaft seal ring	Shaft seal ring	Shaft seal ring
Fluid sealing	SIC/AI203	SIC/AI203	SIC/AI203	SIC/AI203	SIC/AI203	SIC/Al203
Motor housing	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250
Impeller	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250
Electrical features						
Voltage (V)	230	230	400	230	230	400
Frequency (Hz)	50	50	50	50	50	50
Power consumption P1 (W)	1800	1800	1500	1800	1800	2050
Power output P2 (W)	1100	1100	1100	1100	1100	1500
Revolution per minute (RPM)	2800	2800	2800	2800	2800	2800
Electrical class	I	I	I	I	I	I
Motor insulation class	F	F	F	F	F	F
Submerged	S1	S1	S1	S1	S1	S1
Max. number of starts per hour	15	15	15	15	15	15
Immersion depth (m)	10	10	10	10	10	10
Power cable : Length (m)	10	10	10	10	10	10
Power cable : Type of cable, Section	H07 RN8-F, 3x1 mm²	H07 RN8-F, 3x1 mm²	H07 RN8-F, 4x1 mm²	H07 RN8-F, 3x1 mm²	H07 RN8-F, 3x1 mm²	H07 RN8-F, 4x1 mm²
Hydraulics						
Max. head (m)	14	14	14	16	16	16
Max. flow rate (m ³ /h)	25.5	25.5	25.5	29	29	29
Discharge diameter DN	50	50	50	50	50	50
Particle size (mm)	43	43	43	41	41	41
Max. temperature of the pumped liquid (5 min)	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
Type of impeller	Vortex	Vortex	Vortex	Vortex	Vortex	Vortex
Type of activation	-	Float	-	-	Float	-
Identification and logistics						
Gross weight (kg)	23	23	22	23	23	23
EAN code	3308815090191	3308815090207	3308815090214	3308815090221	3308815090238	3308815090245
Product code	31018	31019	31020	31021	31022	31023

TRANSPORTATION KIT FOR THE SANIPUMP VX 50

Transportation Kit Sanipump VX 50



3308815090320 Product code 21500 Transportation Kit

SANIPUMP VX 50 BASE GUIDE BAR



Base for Sanipump VX 50 guide bar (Bar not supplied)

3308815090368 **Product code 21501** Base for Single bar (delivered without bar)

SANIPUMP VX 50 STIRRUP GUIDE BASE

Base for Sanipump VX 50 and guide bracket 120 provided for pit of maximum depth 1.5m.

3308815090337 **Product code 21502** Stirrup guide base 120

Base for Sanipump VX 50 and guide bracket 150 provided for pit of maximum depth 1.8m.



3308815090344 **Product code 21503** Stirrup guide base 150

Base for Sanipump VX 50 and guide bracket 180 provided for pit of maximum depth 2.1m.

3308815090351 **Product code 21504** Stirrup guide base 180



Sanipump VX 65/80

The Sanipump VX 65/80 are cast iron submersible pumps designed for the removal of black water and rainwater up to a maximum height of 35 m. They are equipped with a vortex impeller with a diameter of 120 to 190 mm, depending on the model, and an outlet in DN 65 or DN 80. Stationary installation on a DN 65, 80 or 100 is possible with the addition of a base. Sanipump VX 65/80 can be installed in a manhole or a pit.



PERFORMANCE

• Total head: 35 m

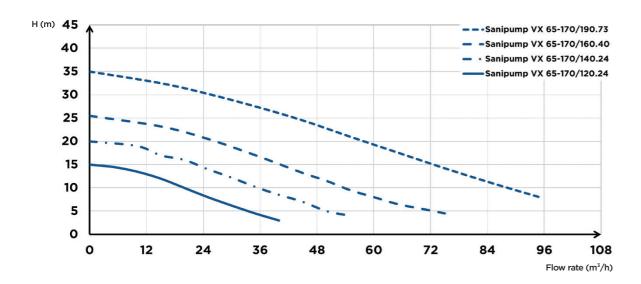
• Max. flow rate: 110 m³/h

PRODUCT BENEFITS

- Vortex impeller
- DN 50 outlet
- 12 versions, single and three-phase
- S1 mode (if motor fully submersed)
- Available in transportable or stationary version
- Compatible with Sanifos 1600/2100/3100

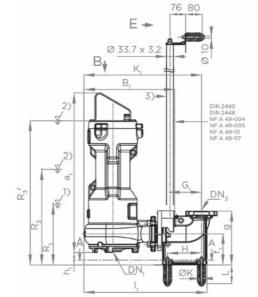


CURVE



DIMENSIONS

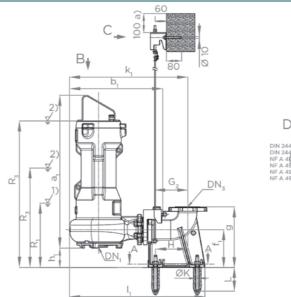
Sanipump VX 65 - Permanent installation with 2 guide bars



(1) Lowest stop level in automatic operation (2) Minimum submergence in continuous service (3) Not Provided by SFA

Pump unit d	imen	sions	(mn	n)									
Pump power	DN ₁	DN ₂	a	b	d	Df		g	g,	h	H	k1	k,
.24 & .40	65	65	691	440	274	170	151	261	118	60	170	569	14
.73	65	65	763	440	274	170	151	261	118	60	170	569	145
Foundation Pump power	block	1.15	ensio B	ons (r B'	nm) C	D	D'	E	G ₁	н	J	ØK	L
.24 & .40			-			100						1.17	

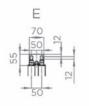
Sanipump VX 80 - Permanent installation with 2 guide bars

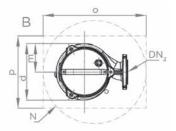


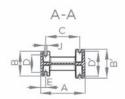
(1) Lowest stop level in automatic operation (2) Minimum submergence in continuous service (3) Not Provided by SFA

Pump unit dimensions (mm)

Pump power	DN ₁	DN ₂	aı	b	d	Df		g	91		h ₁	H	k ₁	k	¢f
.40	80	80	701	492	305	160	200	320	132	1	03	200	623	16	50
.49 & .73	80	65	774	492	305	160	200	320	132	1	03	200	623	16	50
oundation	bloc	k din	nensi	ions	(mm))	-								
C	bloc DN ₃	1.1.1	nensi B	ions B'	(mm) C) D	0	D' E	E	51	G	2 F			ØK
Oundation Pump power	12.95	1.1.1	в	В'	С	D				G1 70	G	-			ØК 18

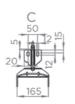


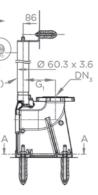




	m	Z _t	R1	R3'
595	138	4	245	636
595	138	4	357	688

N min.	O min.	P min.
550	550	400





	m		R1	R3'
713	154	4	298	689
713	154	4	411	742

L	N min.	O min.	P min.
125	580	580	400

	Sanipump VX 65-170/120.24	Sanipump VX 65-170/140.24	Sanipump VX 65-170/160.40	Sanipump VX 65-170/190.73
Material				
Shaft	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Pump housing	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250
Sealing on motor side	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR
Fluid sealing	Carbon/Al203	Carbon/Al203	Carbon/Al203	Carbon/Al203
Motor housing	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250
Impeller	EN-GJL-250	EN-GJL-250	EN-GJL-250	EN-GJL-250
Electrical features				
Voltage (V)	400	400	400	400
Frequency (Hz)	50	50	50	50
Power consumption P1 (W)	2950	2950	4860	8720
Power output P2 (W)	2400	2400	4000	7300
Revolutions per minute (RPM)	2900	2900	2900	2900
Electrical class	I	I	I	I
Motor insulation class	F	F	F	F
Submerged	S1	S1	S1	S1
Max. number of starts per hour	30	30	30	30
Immersion depth (m)	25	25	25	25
Power cable (m)	10	10	10	10
: Type of cable, Section	H07 RN8-F, 4x1 mm ²			
Hydraulics				
Max. head (m)	15	20	26	35
Max. flow rate (m ³ /h)	44	56	76	96
Discharge diameter DN	65	65	65	65
Free passage (mm)	65	65	65	65
Max. temperature of the pumped liquid (5 min)	40 °C	40 °C	40 °C	40 °C
Type of impeller	Vortex	Vortex	Vortex	Vortex
Identification and logistics				
Gross weight (kg)	65	65	69	91
EAN code	3308815090252	3308815090269	3308815090276	3308815090283
Product code	31024	31025	31026	31027

Base for DN 65 Guide bars not supplied but the unit is compatible with 2 bars 33.7×3.2



BASE FOR DN 65/80

Base for DN 65/80 Guide bars not supplied but the unit is compatible with 2 bars 33.7 x 3.2



3308815090399 Product code 21506 Base for DN 65/80 2 guide bars (delivered without bar)

	Sanipump VX 80-220/160.40	Sanipump VX 80-220/170.49	Sanipump VX 80-220/190.73
Material			
Shaft	Stainless steel	Stainless steel	Stainless steel
Pump housing	EN-GJL-250	EN-GJL-250	EN-GJL-250
Sealing on motor side	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR
Fluid sealing	Carbon/Al2O3	Carbon/Al203	Carbon/Al203
Motor housing	EN-GJL-250	EN-GJL-250	EN-GJL-250
Impeller	EN-GJL-250	EN-GJL-250	EN-GJL-250
Electrical features			
Voltage (V)	400	400	400
Frequency (Hz)	50	50	50
Power consumption P1 (W)	4860	5830	8720
Power output P2 (W)	4000	4900	7300
Revolutions per minute (RPM)	2900	2900	2900
Electrical class	1	I	I
Motor insulation class	F	F	F
Submerged	S1	S1	S1
Max. number of starts per hour	30	30	30
Immersion depth (m)	25	25	25
Power cable (m)	10	10	10
: Type of cable, Section	H07 RN8-F, 4x1 mm ²	H07 RN8-F, 4x1 mm ²	H07 RN8-F, 4x1 mm ²
Hydraulics			
Max. head (m)	21	24	30
Max. flow rate (m ³ /h)	80	95	110
Discharge diameter DN	80	80	80
Free passage (mm)	80	80	80
Max. temperature of the pumped liquid (5 min)	40 °C	40 °C	40 °C
Type of impeller	Vortex	Vortex	Vortex
Identification and logistics			
Gross weight (kg)	73	91	96
EAN code	3308815090290	3308815090306	3308815090313
Product code	31028	31029	31030

BASE FOR DN 80



Product code 21507 Base for DN 80 2 guide bars (delivered without bar)

BASE FOR DN 80/100

with 2 bars 60.3 x 3.6



3308815090405 Product code 21508 Base for DN 80/100 2 guide bars (delivered without bar)

PUMPS

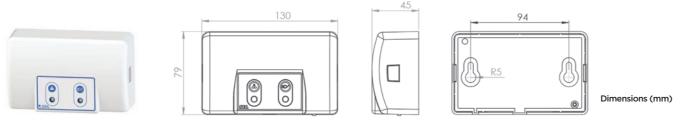
Base for DN 80 Guide bars not supplied but the unit is compatible with 2 bars 60.3 x 3.6

Base for DN 80/100 - Base for DN 80/100 Guide bars not supplied but the unit is compatible

Alarms and control boxes

Alarms

Audible and visual wireless alarm



The wired alarm box allows monitoring of the station from an adjoining room via a 5 m cable. The alarm gives a warning of an abnormally high water level or of an electrical fault in the station.

- * Protection class IP44
- * 5 m of cable

Product	Barcode	Product code	Compatible with	Standard or Optional
Sanicom 1 wired alarm box	3308815083384	30520	Sanicom 1	Optional
Wired alarm box	3308815084107	30521	Sanicom 2	Optional
Wired alarm box	-	-	Sanicubic 1/1 VX/2 Classic/2 Pro/2VX Sanifos 610 2 pumps Sanifos 1300 2 pumps	Standard

Sanifos wired alarm



The Sanifos alarm is a kit consisting of an audible and visual alarm box and a float.

* Float-box cable not supplied

Product	Barcode	Product code	Compatible with	Standard or Optional
Wired alarm	3308815081625	40501	Sanifos 280 1 pump Sanifos 610 single phase, 1 pump	Optional

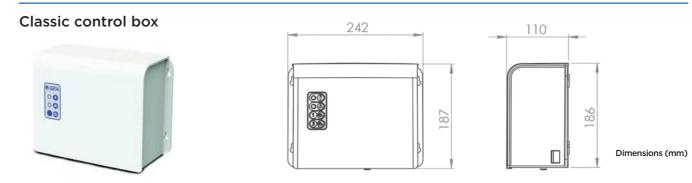
HF alarm



The 868 MHz HF alarm (radio transmission) monitors the correct operation of your station from a living room and has a range of 100 m. It gives information on the status of the station in real time.

Product	Barcode	Product code	Compatible with	Standard or Optional
HF alarm	-	-	Sanicubic 2 Pro	Standard

Control boxes



The control box comes with a 4 m cable allowing it to be installed away from the unit. It allows the monitoring of your lifting station with the facility of activating a manual start if needed. A visual and audible alarm is triggered in the event of an abnormally high water level in the tank or in the event of a power failure.

Product	Barcode	Product code	Compatible with	Standard or Optional
Classic control box	-	-	Sanicom 2 Sanicubic 1 Sanicubic 1 VX Sanicubic 2 Classic Sanicubic 2 Pro Sanicubic 2 VX	Standard

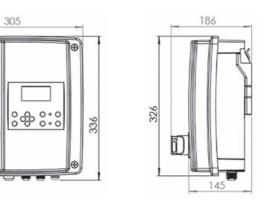
Smart control box



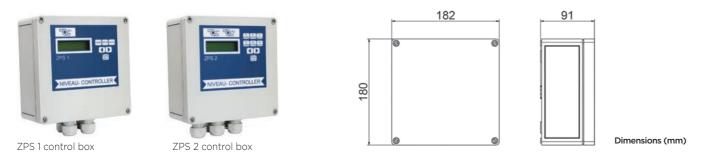
The Smart box is a control and monitoring solution that has connectors for a simple installation. The interface, allows easy use and management of the station and real time information of the units activity and operating history. This control box is used to modify the pump management parameters.

Product	Barcode	Product code	Compatible with	Standard or Optional
Smart control box	-	-	Sanicubic 2 Pro, Sanicubic 2 VX Smart, Sanifos 610 2 pump, Sanifos 1300	Standard

ACCESSORIES



ZPS control boxes



ZPS control boxes are available in 8 models depending on whether they control 1 or 2 pumps, single or three-phase and finally if the control is pneumatic or with a float (for configuration with Sanifos 1600/2100/3100, see pages 52-55).

Equipped with an integrated audible and visual alarm, they display the operating states of the pump(s) by text messages and indicator light. The internal memory stores up to 64 messages. Operation is automatic in the case of a single pump, and alternately for dual pump stations, with engagement of the second pump if necessary. Level control is possible by dynamic pressure. The switch is a float switch or a 4-20 mA interface for an external sensor. The display also shows operating hours and power consumption as well as maintenance intervals. Wall mounting provided.

Product	Barcode	Product code	Compatible with
ZPS 1 S PNEUMATIC CONTROL BOX	3308815081793	21863	Sanicubic 1 GR/SC, Sanipump ZFS/ZPG/SLD x1
ZPS 2 S PNEUMATIC CONTROL BOX	3308815081809	21864	Sanicubic 2 GR/SC, Sanipump ZFS/ZPG/SLD x2
ZPS 1 T PNEUMATIC CONTROL BOX	3308815081816	21884	Sanicubic 1 GR/SC, Sanipump ZFS/ZPG/SLD x1
ZPS 2 T PNEUMATIC CONTROL BOX	3308815081823	21885	Sanicubic 2 GR/SC, Sanipump ZFS/ZPG/SLD x2
ZPS1S FLOAT CONTROL BOX	3308815081830	21865	Sanicubic 1 GR/SC, Sanipump ZFS/ZPG/SLD x1
ZPS 2 S FLOAT CONTROL BOX	3308815081847	21866	Sanicubic 2 GR/SC, Sanipump ZFS/ZPG/SLD x2
ZPS1T FLOAT CONTROL BOX	3308815081854	21867	Sanicubic 1 GR/SC, Sanipump ZFS/ZPG/SLD x1
ZPS 2 T FLOAT CONTROL BOX	3308815081878	21868	Sanicubic 2 GR/SC, Sanipump ZFS/ZPG/SLD x2

PS 2 control box



- * Control system consisting of a control box incorporated in the door of the electrical cabinet and a control unit clipped onto a rail.
- * Ability to connect various level sensors.
- * Complete management of pump operation via LCD screen and digital potentiometer.
- * 8 LEDs show pump states and faults.
- * Dimensions: L 600 x H 600 x D 210 mm.

Product	Barcode	Product code	Compatible with	
PS 2 control box	-	-	Sanicubic SC7.5T	Standard

SANIFLO IS HERE TO SUPPORT YOU

AFTER SA SERVICE IN YOUR HOME

We are here to help you every step of the way:

Once you have chosen your pump, you may need accessories for your installation. Our in-house team is on hand to help.

We are happy to advise you over the phone, email or via our website www.saniflo.co.uk

Do you have any questions?

Contact us on: 020 8842 0033 or by email: technical@saniflo.co.uk





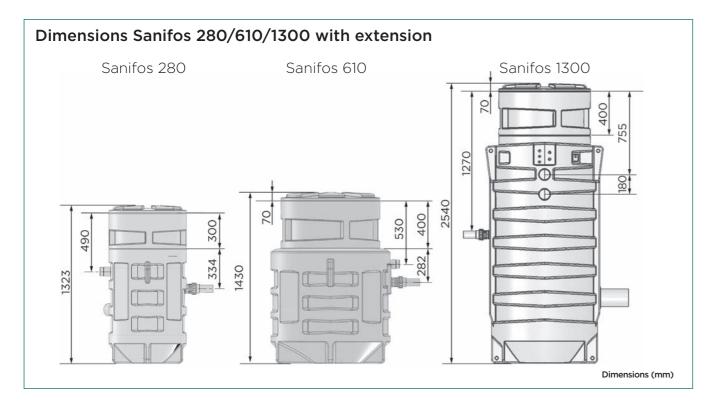
Sanicubic accessories

Product name	Product GF	sc	1, 2 Classic, 2 Pro, 1 VX, 2 VX	Product code	Barcode
Cast iron isolation valve DN50	×			10646	3308815082042
Cast iron isolation valve DN100	×	x		10649	3308815082165
Cast iron isolation valve DN125	×	X		10650	3308815082172
Cast iron isolation valve DN150	×	x		10651	3308815082189
2″ non-return ball valve IG GG PN10	×	X		12104	3308815082127
Cast iron check ball valve DN100	×	X		14398	3308815082196
DN125/100 reducer, PE with flange	×	X		10452	3308815082202
DN150/100 reducer, PE with flange	×	X		10453	3308815082219
Y pipe connection DN100/100 / 100PE (for 2 pump models)	Å	X		11999	3308815082226
Hose connection 1 ¼″ VA (for Sanicubic 2 GR SE 71)	×			17755	3308815082233
1 ½" manual diaphragm pump	×	X		10430	3308815082240
Cast iron non-return valve DN50	×	· · · · · · · · · · · · · · · · · · ·		14394	3308815082035
Mounting accessories DN50 VA (inox)	×	 		15438	3308815082271

Product name	Product	GR	sc	1, 2 Classic, 2 Pro, 1 VX, 2 VX	Product code	Barcode
Mounting accessories DN100 VA (inox)	T#4 .	x	Х		15441	3308815082332
Mounting accessories DN150 VA (inox)		Х	Х		15443	3308815082370
Brass 2" isolation valve	3			X (Not VX)	30501	
Slice gate valve DN50				Х	30504	3308815061030
Slice gate valve DN100				X	30502	3308815061023
Ball shut-off valve DN100	Ö			X (2 VX)	30503	3308815066820
Sanicubic carbon filter				X (not VX)	31001	3308815076867
Sanicubic carbon filter	-			X (VX)	31002	3308815076874

_____ ACCESSORIES

Sanifos accessories

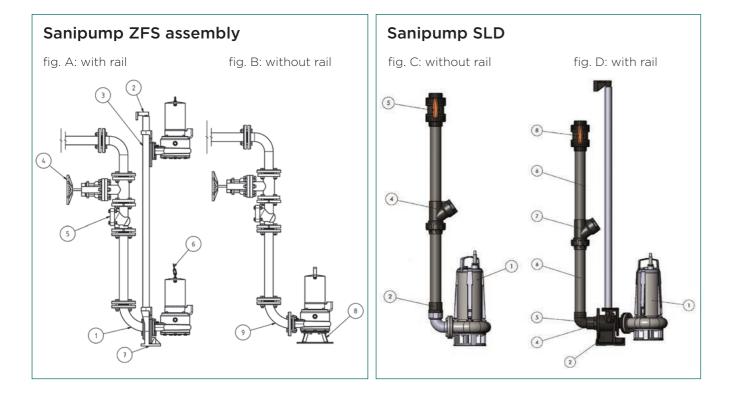


Product name	Product	110	280	610 1300	1600 2100 3100	Product code	Barcode
Sanifos extension 610/1300				х		40503	3308815077826
Sanifos extension 280	E		х			40502	3308815081298
150 kg non-equipped jib crane					Х	30511	3308815082905
150 kg jib crane equipped with a winch					Х	30510	3308815082899
Ground fixing base for 150 kg jib crane					Х	30512	3308815082912
Sanifos 110 evacuation kit	20 30	х				40500	3308815077024
Sanipump VX 50 coupling claw					Х	21509	3308815090665

Product name	Product	110	280	610 1300	1600 2100 3100	Product code	Barcode
Cover A					Х	16035	3308815081946
Cover B					Х	16038	3308815081953
Cover D					х	16044	3308815081960
Cover D + GAC 600					x	30513	3308815082677
Cover D + GAC 800					x	30514	3308815082684
Aqua XL float 10m	620				x	41000	3308815082691
Aqua XL float 20m	620				х	41001	3308815082707
Complete outdoor cabinet Type 1					х	12082	3308815082394
Complete outdoor cabinet Type 3				х	х	12085	3308815082400

ACCESSORIES

Accessories for Sanisub, Sanipump ZFS/ZPG



Product name	Product	Sub Steel	Sub ZPK	ZPG	ZFS	Product code	Barcode	Drawing number
ZFS floor installation kit	8				x	12019	3308815081977	Fig. B 8
ZFS / ZPG 71 coupling system				x	x	12029	3308815081984	Fig. A: 2 & 7
Non-return valve 1 ¼" PE DN32			x			14393	3308815082455	
Outlet elbow with integrated valve			Х			17016	3308815082462	
Cast iron valve 1 ¼"			Х	Х	X	10638	3308815082479	
90 degree elbow connection DN50 PE	5			X	X	11927	3308815081991	Fig. A 1, Fig. B 9

Product name	Product	Sub Steel	Sub ZPK	ZPG	ZFS	SLD	VX50	VX65	VX80	Product code	Barcode	Drawing number
Mounting accessories DN 50 VA 16x60				х	Х	х				21510	3308815082271	
Accessories for standard 2" drainage kit						х				21511	3308815084022	
Accessories for discharge kit 2" coupling system						Х				21512	3308815084039	
Threaded flange DN50 IG 2" VZ PN10 / 16	E.			х	Х	Х				12101	3308815082110	
Stainless steel lifting chain sold by the metre	ATCA			Х	х	Х				10420	3308815082066	
Check ball valve DN 65 cast iron								х		21513	3308815090498	
Check ball valve DN 80 cast iron									х	21514	3308815090511	
Check ball valve DN 100 cast iron									Х	21515	3308815082196	
Non-return valve 1 ¼" PE DN32			Х							14393	3308815082455	
Cast iron locking valve DN50	Ā			Х	х		х			10638	3308815082479	A5
2" non-return ball valve IG GG PN10				Х	Х	Х				12104	3308815082127	
Discharge pipe DN50 1 m PE 1x flange	-			Х	Х	Х				12048	3308815082097	
Discharge pipe DN50 1 m PE 2x flange				Х	Х	Х				12055	3308815082103	
90 degree elbow connection DN50 PE	5			Х	х					11927	3308815081991	A1, B9
90 degree elbow connection DN50 VA	Z			Х	Х					12347	3308815082004	A 1, B9
Outlet elbow with integrated valve			Х							17016	3308815082462	
Standard 2" drain assembly for assembly without base						Х				21516	3308815083995	C2, C3, C4 C5
Standard 2" drain assembly for assembly with base						Х				21517	3308815084008	D4, D5, D6 D7, D8
Kit for transportation							х			21500	3308815090320	
Shackle NG 5 VA	Ű			Х	х	Х				16552	3308815082080	
Base for DN 65 Guide bars not supplied								х		21505	3308815090375	
Base for DN 80 Guide bars not supplied									х	21507	3308815090382	
Base for DN 65/80 Guide bars not supplied	.							Х		21506	3308815090399	
Base for DN 80/100 Guide bars not supplied	10 5								х	21508	3308815090405	
Base for Sanipump VX 50 and guide bracket 120	1						х			21502	3308815090337	
Base for Sanipump VX 50 and guide bracket 150	1						х			21503	3308815090344	
base for Sanipump VX 50 and guide bracket 180	-						х			21504	3308815090351	
Sanipump base and single guide bracket							х			21501	3308815090368	
SLD coupling system						Х				21527	3308815084176	D2
ZFS / ZPG 71 coupling system	0			Х	Х					12029	3308815081984	A2, A7
C 2" - 20 m hose with C11359B coupling		х								11359	3308815082158	
Inlet pipe 1 m 2 PE flanges DN 65								х		21528	3308815090535	
Inlet pipe 1 m 2 PE flanges DN 80									х	21529	3308815090542	
Cast iron valve 1 ¼"	à		х	Х	х	х				10638	3308815082479	
Cast iron isolation valve DN50				х	х		х			10646	3308815082042	
Cast Iron isolation valve DN65								х		21530	3308815090504	
Cast Iron isolation valve DN80									х	21531	3308815090528	
	ā	-							х	21532	3308815082165	

ACCESSORIES

>> Additional solutions for larger projects

>> Additional solutions for larger projects

ZF 80 Ex & ZF 100 Ex



- Suitable for black water
- Free passage of 80mm or 100mm
- Suitable for installation in a manhole or pit
- Double mechanical seal
- 10m power cable

		ZF 80 Ex	ZF 100 EX
٢	Power	2,5 A 3,3 kW	3,3 A 7,5 kW
	Voltage	400 V	400 V
	Flow rate	130 m³/h	165 m³/h
	Max. head	17 m	22 m
	Maximum particle size	80 mm	100 mm
	Discharge diameter	DN 100	DN 100

- Polyethylene tank with a 480 litre tank with 270 litre of usable volume. • Vortex impeller pump with 80mm free passage
- Mechanical seal with oil chamber • Service type S3 25%
- Maximum water temperature 55°C • IP57 rated

Powe Volta Flow Max.

Kompaktboy

- Black water lifting station,
- Easily accessible for maintenance,
- Vortex impeller with free passage 50mm
- 7 entries DN 100, DN 50, and DN 50/100,
- maximum water temperature 55°C
- 55 litre tank for Kompaktboy 1 pump and 150 litres for Kompaktboy duplex - two pump

	Kompaktboy (1 pump)	Kompaktboy (2 pump)	
Power	1.1 A 3.0 kW	1.1 A 3.0 kW	
Voltage	230 and 400 W	230 and 400 W	
Flow rate	49 m³/h	49 m³/h	
Max. head	15 m	15 m	
Discharge diameter	DN 100	DN 100	
Volume	55 L	150 L	

Tailor made lifting stations

- Polyester tanks
- Diameter 1000 to 2000mm
- Up to 6m in height
- Comes with 2 pumps in DN 50 to 100

Do you have any questions? Contact us on O2O 8842 0033 to speak to one of our technical team or email us at: technical@saniflo.co.uk





	W80
Power	3.0 kW
Voltage	400 V
Flow rate	60 m³/h
Max. head	11 m
Discharge diameter	DN 100
Volume	480 L



• Accessories (valve chambers, anti fall grids, screening baskets etc) available on request



For our domestic range of pumps and macerators please see our brochure

saniflo.co.uk

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Saniflo **SFA**