



**THE COMPLETE  
RANGE FOR  
EVERY PUMP  
REQUIREMENT**

MADE IN FRANCE



**PRODUCTS CATALOG**



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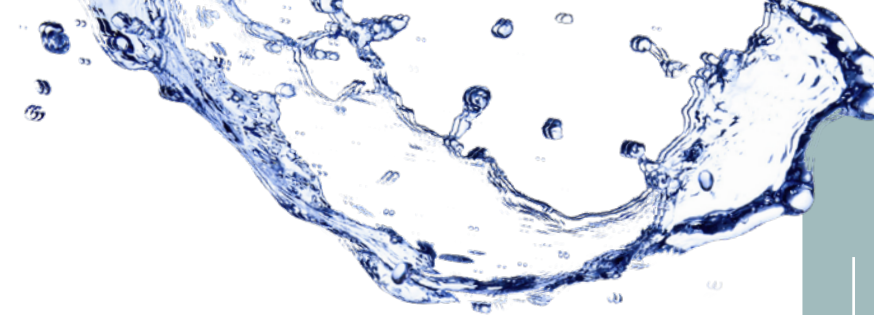
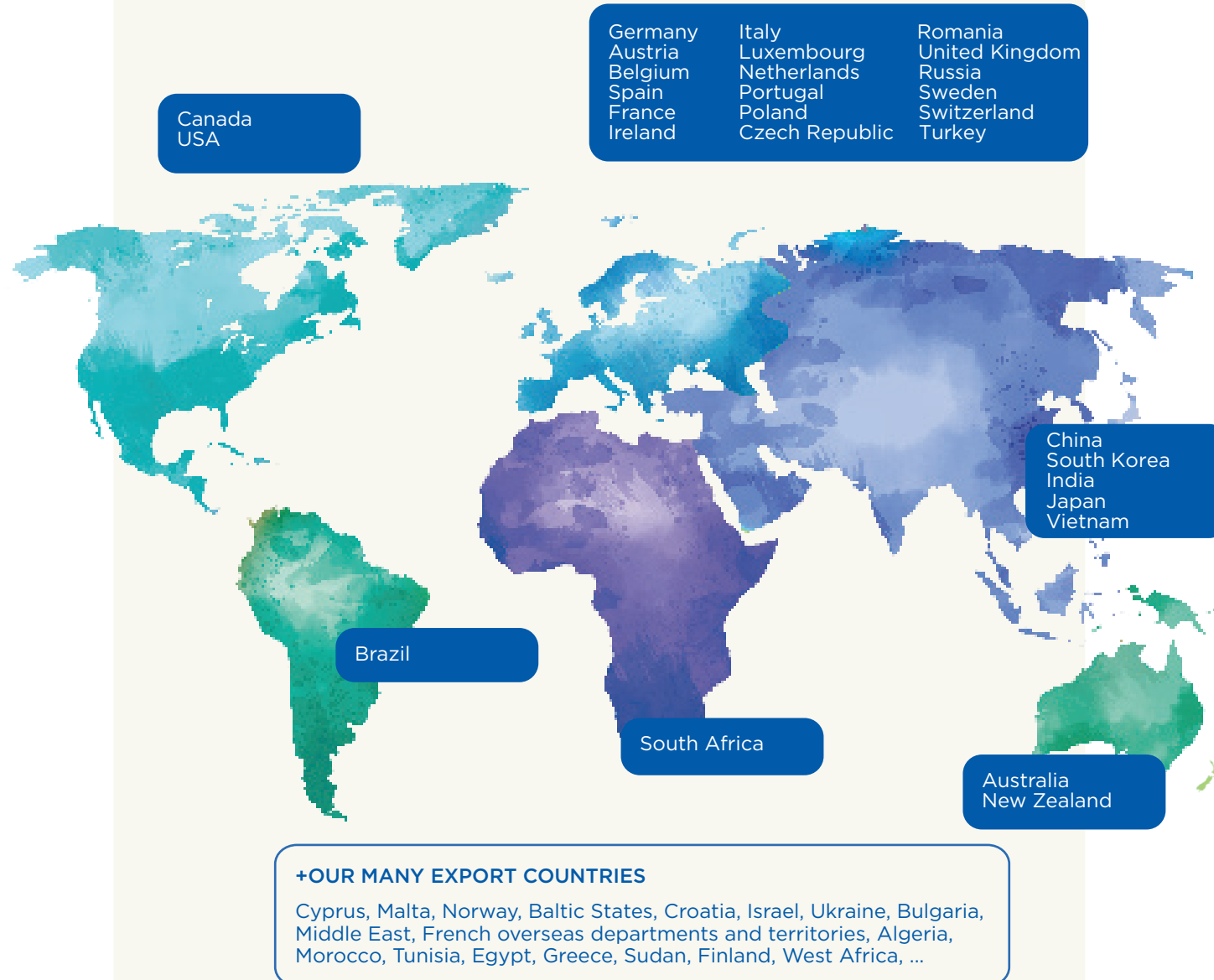
## ACCESSORIES



# THE SFA GROUP WORLD LEADER IN SANITARY EQUIPMENT

## AN INTERNATIONAL GROUP

Established in 29 countries on 5 continents, the Group continues its international deployment through alliances with selected and carefully trained professionals in the sector to carry the reputation of performance, quality and service of the international Group.



## THIS IS THE SIGNATURE OF THE SFA GROUP

It was this attitude and approach that brought about the release of the first Sanibroyeur in 1958. A brilliant idea that continues to revolutionise interior design around the world. This expertise in solutions has been put to use for many years, providing invaluable assistance across a wide variety of sectors.

### THE SFA GROUP IS DEVELOPING AROUND 4 AREAS OF ACTIVITY

- Domestic pumping solutions
- Professional pumping solutions
- Equipment for showers, balneotherapy and spas
- Water treatment

## VISIONS & PERSPECTIVES

The pumps and pumping stations business clearly illustrates the Group's external growth policy. This policy is deployed methodically to safeguard and develop know-how and people. This approach makes it possible to build a homogeneous, high-performance unit with a very high growth potential. By bringing together a technical expert such as Zehnder Pumpen, recognised and appreciated in its market, and a global player present in more than 70 countries, SFA has created the conditions for developing its capacity for innovation, strengthening its industrial facilities and ensuring strong growth in this segment.

### 1958

Creation of SFA and 1st WC macerator. Acquisition of Europelec

### 1970

Establishment in Europe and North America

### 1988

Purchase of Kinédo

### 1990

ISO certification of factories

### 2019

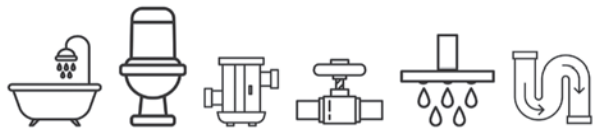
Purchase of Zehnder Pumpen

### 2020

New visual identity  
Acquisition of Format and Aquaturbo Systems

### 2022

Creation of two new subsidiaries  
India and Vietnam



## ACTIVITIES OF THE SFA GROUP

Domestic and commercial solutions wherever water flows.



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

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



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.



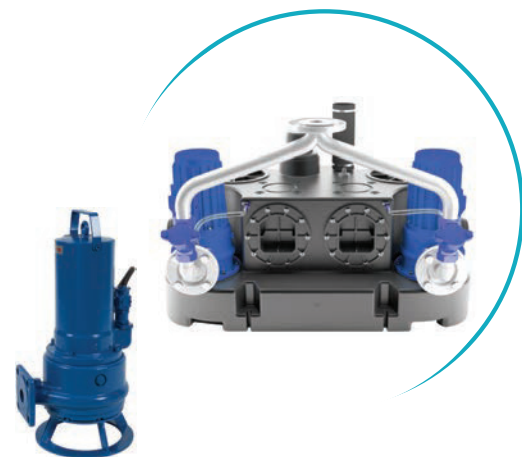
Our Sani products range have been designed, developed, manufactured and tested in France.

The range has grown both in products and technology, to cover all market segments. SFA has a solution for either domestic or commercial use from a single house to a shop, hotel or public building. The SFA brand is synonymous with quality, technology and reliability.



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 ground.

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.



## CSR COMMITMENT

Learn more about our corporate social responsibility.



### Our responsibility

Our Group is mobilised around our purpose **“To design and manufacture domestic and professional solutions wherever water flows and drains”**.

Driven by this inventive spirit, we design original solutions that are **low in water and energy consumption**, easy to install and long-lasting; proof that **our group has integrated CSR into the heart of its model well before its time**.



WE SUPPORT



Since 2021, the SFA Group has been a proud participant of the **United Nations Global Compact's initiative for corporate social responsibility** which encompass human rights, labour standards, environmental protection, and anti-corruption efforts.

### SOCIAL

Ensure respect and dignity

Ensure respect and dignity for all persons in contact with our brands: employees, stakeholders and users, in the conduct of our business and in the use of our products.



### ENVIRONMENT

Preserve natural resources

Preserve water and reduce our carbon footprint via efficient, durable products and solutions.



### IMPACTFUL BUSINESS

Maintain a keen and inventive spirit

Utilize our inventiveness to disrupt the market, maintain a lively and inventive spirit, choose reliable and virtuous partners, and design solutions that disrupt the market and are accessible to the widest audience.



### COMPLIANCE WITH STANDARDS

SFA pumps and grinders are produced in our factory in Oise. They meet current standards :

- EN 12050-1
- EN 12050-2
- EN 12050-3



### LABELING

SFA has obtained the «Guaranteed French Origin» label for many products in the range.

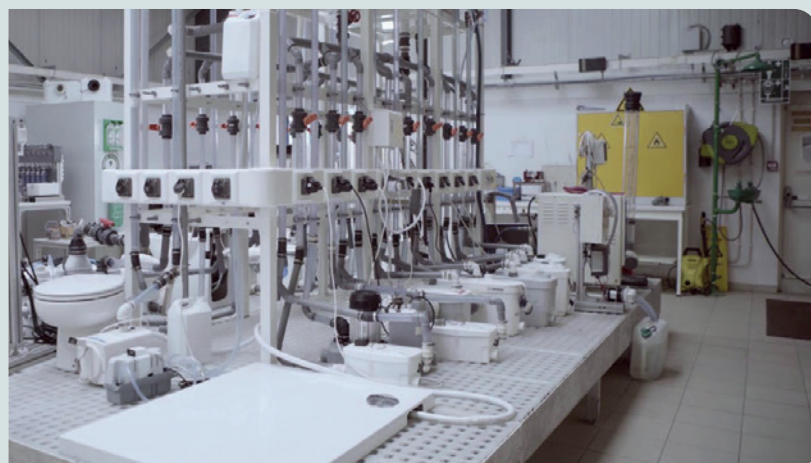




# THE EXCELLENCE OF MADE IN EUROPE

Since 1958, the famous Sanibroyeur has been planted in the middle of this village in the Oise region on a site of more than 8 hectares, and enjoys a high level of brand awareness. Every day, around 300 employees work hard to bring the slogan «SFA and it's easy» to life. Over the years, after major investments, the Brégy site has grown from a simple assembly base to a fully-fledged, almost autonomous production centre.

## TESTS AND DESIGN OFFICE



SFA products are designed and developed in the on-site laboratory. Then, there is nothing like testing to ensure the proper functioning and longevity of the products.

## A PRODUCTION OF COMPOSITE AND RUBBER PARTS



Today, the plastics industry consists of 42 machines with a total of 800 moulds. The line is fully automated, from the transport of the plastic flakes from the silos to the machines, to the output of the products.

## SFA ACADEMY



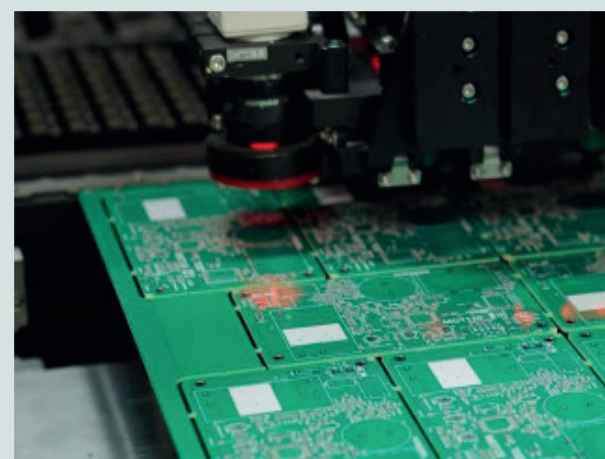
A showroom of nearly 300 m2 is open to professionals by appointment. This showroom showcases around fifty SFA products, including 7 in water and operational: Sanifloor+, Sanipro Xr Up, Saniflush, Saniseat+, Sanismart, Sanicompact Pro, Sanicompact 43. It also presents the range underground and floor standing lifting stations, sump pumps, as well as tanks and grease separators.

## WINDING & MANUFACTURING OF MOTORS



SFA has integrated winding manufacturing and motor assembly since 1960. Fully robotized, a digital camera controls part of the elements to ensure maximum quality throughout the production process.

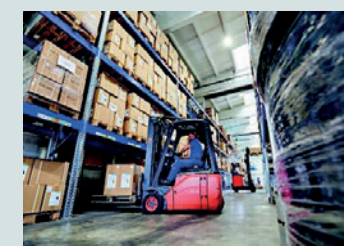
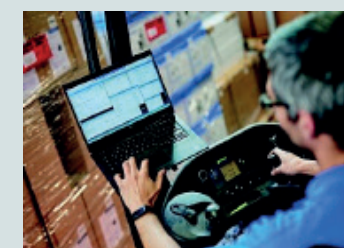
## MANUFACTURING OF ELECTRONIC BOARDS



In order to guarantee better quality, SFA has integrated the production of its electronic cards in its Brégy site for several years. These are then assembled by operators.

## LOGISTICS

Shipments are managed from Brégy. Our infrastructure allows us to ship SFA products anywhere in the world.



## ASSEMBLY OF COMPONENTS



An ingenious combination of robots and humans, the parts are assembled by hand by operators for meticulous work or by robots for the most difficult parts to transport or fix.

Scan this QR code to discover our factory in Brégy

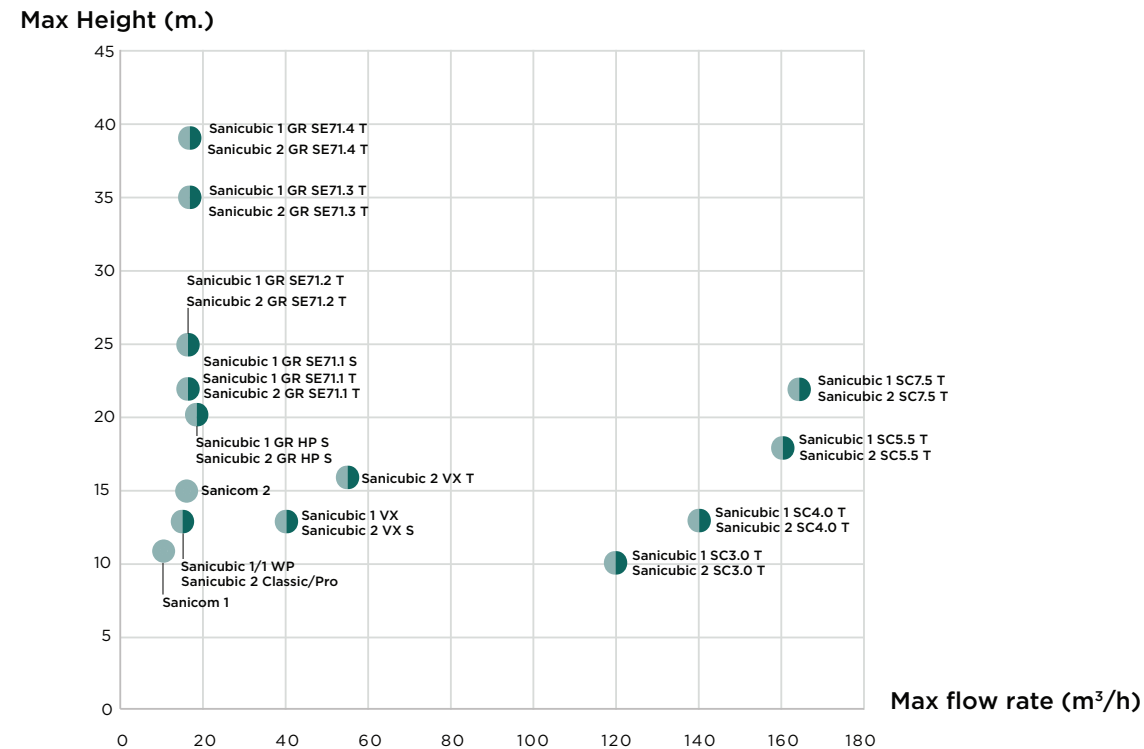


# A complete range of lifting stations....

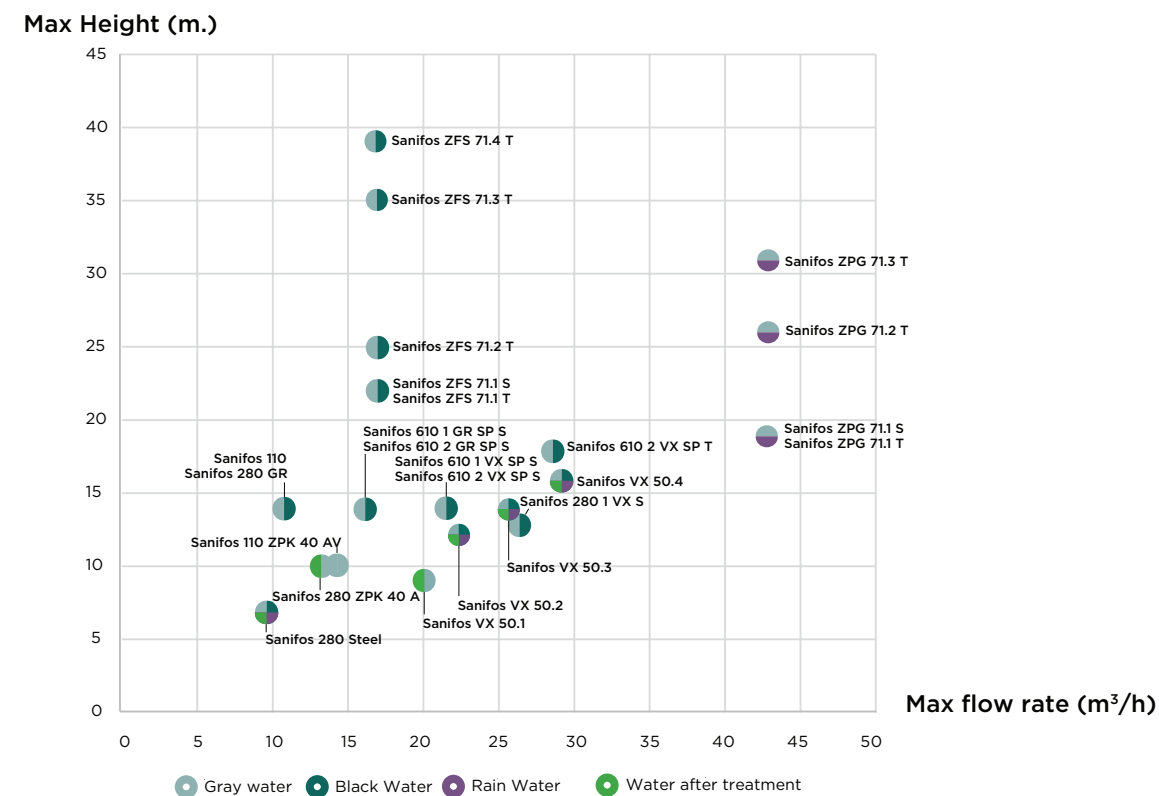
SFA offers a large range of lifting stations to answer all your project needs: lifting gray water, black or rain water - floor-standing or underground - one phase or three phases.

Our product performances will adapt to all your lifting constraints.

## Our floor-mounted lifting stations



## Underground lifting stations



Data on the chart show maximum values for respectively peak flow and total head.

# HELP IN CHOOSING THE RIGHT LIFTING STATION

## 1 DETERMINE THE PEAK FLOW

This is the amount of water to be drained depending upon the type and number of appliances connected to the lifting station.

The flow makes it possible to measure a volume per unit of time. It is expressed in cubic metres per hour (m<sup>3</sup>/h) or in litres per second (l/s).

Estimated flow	Number of houses	Flow
We have taken one house to comprise of: 1 WC, 1 bath, 1 shower, 1 wash basin, 1 sink, 1 washing machine, 1 dishwasher.	1 house (1 to 3 inhabitants)	2.5 m <sup>3</sup> /h
	Up to 2 dwellings (4 to 6 inhabitants)	5 m <sup>3</sup> /h
	Up to 4 dwellings (7 to 9 inhabitants)	10 m <sup>3</sup> /h
	Up to 6 dwellings (10 to 12 inhabitants)	15 m <sup>3</sup> /h

## 2 CALCULATE TOTAL HEAD

The total head corresponds to the pressure that the pump will have to provide between the suction point and the discharge point.

**Total head = Geometric height + Pressure loss**

### Geometric height

This is the delivery height expressed in metres.

### Pressure Drop

This is the sum of pressure losses in the discharge line (expressed in metres of water column).

There are 2 types of pressure drop:

- Regular pressure losses: they result from friction of fluid against the walls of the discharge pipe
- Singular pressure losses by friction: they result from pipe-related incidents (elbow, non-return valves, etc).

They must be added to the geometric height to determine the total gauge height.

The value obtained in this table is to be multiplied by the total length of the evacuation pipe to obtain the total pressure drop.

For help in your calculations or for further advice please speak to our technical team on 0977 889 364.

### Pressure drop table

Flow in m <sup>3</sup> /h	DN PN10 pressure PVC piping					
	DN 32 36.2 / 40	DN 40 45.2 / 50	DN 50 57 / 63	DN65 67.8 / 75	DN 80 81.4 / 90	DN 100 101.6 / 110
2	0.011					
3	0.022	0.008				
4	0.037	0.013				
5	0.054	0.019	0.006			
6	0.075	0.026	0.009			
7	0.099	0.034	0.011			
8	0.126	0.043	0.014	0.006		
9		0.054	0.018	0.008		
10		0.065	0.021	0.009		
12		0.090	0.029	0.013	0.005	
15			0.044	0.019	0.008	
20				0.032	0.013	0.005
25				0.048	0.020	0.007
30					0.028	0.010
40						0.016
50						0.024
60						0.033
70						0.044
80						0.056

## 3 SELECT THE RIGHT LIFTING STATION

Thanks to the peak flow and the Total Head, you only have now to go to the page 15 if your installation is floor-mounted or page 39 if your installation is underground.

Practical case:

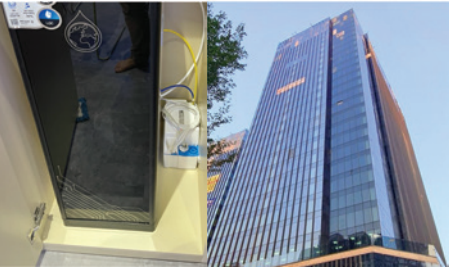





A client would like to install a lifting station for all wastewater in a technical room of a residential building of 2 apartments. Height between the floor where lifting station will be installed and the main sewer is 4m. Total length of pipes is 10m with DN 40 PVC pipe (external diameter of 50mm)

1. Peak Flow estimation: from above table Q= 5m<sup>3</sup>/h
2. Calculation of total head: Height = 4 m, Pressure drop = 0.019 x 10 = 0.19 m, Total head = 4 + 0.19 = 4.19 m
3. Product selection: floor-mounted, Sanicubic 1 and 2 can be selected as they lift up to 13m with a maximum flow of 15 m<sup>3</sup>/h . Sanicubic 2 has 2 motor working alternatively as well as an additional inlet.



# Case Studies

Product	Domestic	Commercial	The problem	The solutions
<b>SANIPRO XR</b>	x	x	<b>Toilet in basement</b> Connect the toilet to the septic system located 2m up and 12m away. A unique and effective solution to avoid major works.	
<b>SANIAccess 1</b>	x	x	<b>Hidden toilet under the stair</b> Lift black water up to 3m to reach the main drain.	
<b>SANIBEST PRO</b>		x	<b>Restroom in clinic</b> High-capacity pump with multi-purpose grinder suitable for areas with high demand.	
<b>SANISHOWER</b>	x		<b>Sink for nursing room</b> Drain wastewater 2.5m up and 20m away to reach the closest sewage point.	
<b>SANIVITE</b>	x		<b>Pantry for staffs</b> Staff prefers to have kitchen near the window. Lift the grey water 2.5m up and then 14m away to reach the main drain located nearby the elevator.	
<b>SANISPEED</b>	x	x	<b>Coffee shop at the office building</b> Remove excess hot water from the coffee machine and grey water from the basin and pump to the main drain.	

Product	Domestic	Commercial	The problem	The solutions
<b>SANICONDENS PRO</b>	x	x	<b>Water dispenser in office</b> Drain wastewater from the water dispenser to the office's general drainage point. A suitable solution for device that generate small wastewater flows.	
<b>SANICOM 1</b>	x	x	<b>Laboratory in the Medic Center</b> Connect the sink to the treatment station that located 8m up on the rooftop. Handle grey water with chemicals.	
<b>SANICUBIC 1 WP</b>	x	x	<b>Temporary toilet system for staff</b> Collect wastewater from the temporary toilets, pump it 3.5m up and 25m away to the wastewater treatment system.	
<b>SANICUBIC 2 CLASSIC</b>	x	x	<b>Floating House</b> Collect and lift the wastewater from multiple bathrooms on the ground floor.	
<b>SANICUBIC 1 VX</b>	x	x	<b>Wastewater solution for glamping area</b> Remove domestic wastewater from the toilets of multiple apartments and pump it to the septic tank located 80-100m away.	
<b>SANICUBIC 2 VX</b>	x	x	<b>Luxury Beach Resort</b> Its 5 external diameter inlets 40, 50, 100, 110 or 125 mm make it possible to connect all sanitary elements and lift the water to the septic tank located 150m away.	



#### SINGLE BLADE CUTTER

Saniflo  
Sanitop  
Sanipro XR  
Saniaccess 1-2-3  
Sanipack



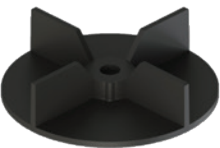
#### PRO X K2 KNIFE

Sanibest Pro  
Sanigrind Pro  
Sanicubic 1 WP  
Sanicubic 2 Classic  
Sanicubic 1 GR HP  
Sanicubic 2 GR HP  
Sanifos 110 GR/280 GR/610 GR



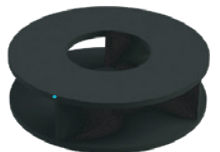
#### PRO X K3 EXPANSION WHEEL

Sanicubic 1 GR  
Sanicubic 2 GR  
Sanipump ZFS 71



#### TURBINE

Sanishower  
Sanivite



#### MULTI-CHANNEL IMPELLER

Sanispeed  
Sanicom 1  
Sanicom 2



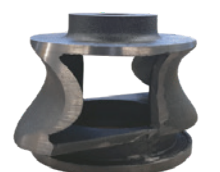
#### VORTEX IMPELLER

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



#### VORTEX IMPELLER

Sanipump VX 50  
Sanipump VX 65/80



#### BICANAL IMPELLER

Sanipump ZPG 71



#### BICANAL IMPELLER

Sanipump SLD 700



#### SINGLE CHANNEL

Sanicubic 1 SC  
Sanicubic 2 SC



## Hydraulic technologies

### From expertise to performance

Hydraulic systems are the basis for the power of pump flow. They allow the proper circulation of fluids and loads while ensuring efficient and controlled lifting.

SFA is constantly innovating to develop new technologies adapted to each type of fluid and to each lifting condition, thus ensuring optimal pump performance and durability.

## Lexicon

### grey water

Wastewater from showers and baths, washbasins and sinks, excluding water from toilets.

### black water

Wastewater from toilets, excluding water from baths, showers, sinks and washbasins.

### waster water

Water modified by human activity. Refers to grey water and black water.

### clear water

Water containing particles smaller than 1 mm.

### flood water

Waters containing solid or fibrous material that could clog a pump.

### rain water

Water from atmospheric precipitation.

### corrosive and/or saline water

Waters containing a significant amount of dissolved solids that may pose a risk to an unsuitable pump (e.g. salts up to 15%).

### post-treatment water

Clear water at the outlet of treatment apparatus such as septic tanks or micro treatment plants.

## Abbreviations

PE	Polyethylene	Q	Flow
PA	Polyamide	TDH	Total Dynamic Head
PP	Polypropylene	DN	Diameter Nominal
EN-GJL	Cast Iron	Øext.	External Diameter
PPO	Polyoxyphenylene	VA	Inox
GF	Glass Fiber	VZ	Galvanized steel
LD	Low Density	S1	Continuous operation
HD	High Density	S3	Intermittent Duty

	Inlet
	Outlet
	Air ventilation
Provided diameters dimensions are external diameters	
Dimensions are given in mm	



# WHAT IS A SANITOILET SOLUTION?

The SANITOILET allows you to evacuate all waste water from your toilet and your bathroom in general by a discharge pipe of reduced diameter.



**HOUSEHOLD APPLICATION**  
Add a bathroom with TOILET



**COMMERCIAL APPLICATION**  
Bars, restaurants, shops, etc

**Install a toilet wherever you want!**

01

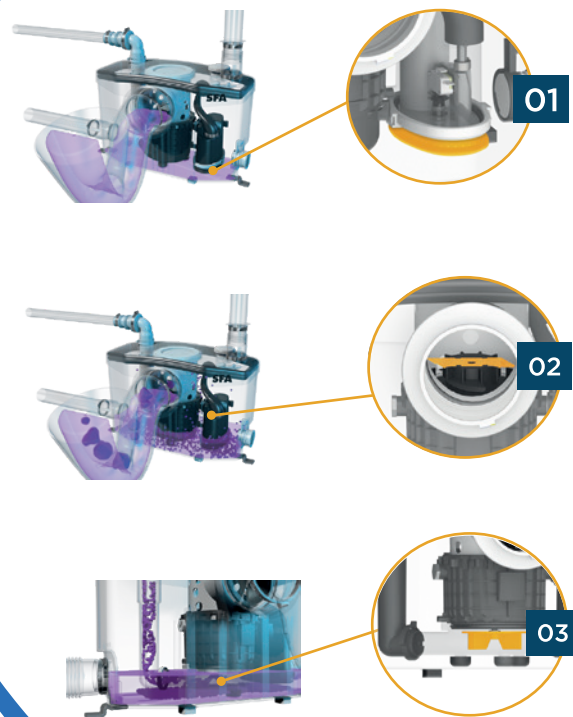
Thanks to **a sensor**, the engine starts automatically, when water arrives.

02








The **integrated grinder system** will pulverize the feces and paper.

03

Thanks to **a turbine**, the waste water is evacuated instantly towards the discharge pipe at reduced diameter.



## Sanitoilet

	Toilet	Wall-hung toilet	Wash basin	Bidet	Shower cubicle	Collectivity	Easy operation
 <b>Saniflo</b> Perfect for toilet drainage p.18	•						✓
 <b>Sanitop</b> Drains both the toilet and washbasin p.19	•		•				✓
 <b>Sanipro XR</b> Drains all the water from a shower room p.20	•		•	•	•		✓
 <b>Saniaccess 1-2-3</b> Complete solutions perfect for rental accommodation p.21	•		•	•	•		✓
 <b>Sanipack</b> The macerator for wall-hung bowls that fits in partitions p.22		•	•	•	•		✓
 <b>Sanibest Pro</b> High performance maceration Perfect for communities p.23	•		•	•	•	•	✓
 <b>Sanigrind Pro</b> The unique solution for S-trap toilets p.24	•		•	•	•	•	✓

- RELIABILITY AND INNOVATION SINCE 1958
- EASY MAINTENANCE THANKS TO DIFFERENT ACCESS POINTS
- SLEEK DESIGN
- THE QUIETEST RANGE IN THE MARKET

# Saniflo



The original macerator pump unit that allows installation of an extra WC when a conventional solution isn't possible.



4 m  
100 m



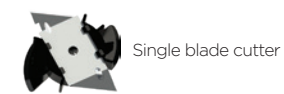
## PRODUCT BENEFITS

- Perfect for draining water from a toilet.
- Suitable for use in a basement or loft conversion.
- Quiet product.

## CONNECTIONS

← Discharge diameter ext. : 22/28/32mm

→ External inlet diameter : 100 mm

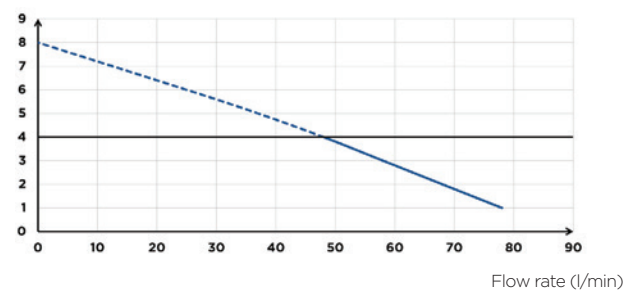


## PACKAGING

Check valve, connectors, carbon filter to neutralise odours

## CURVE

Discharge height (m)



## TECHNICAL FEATURES

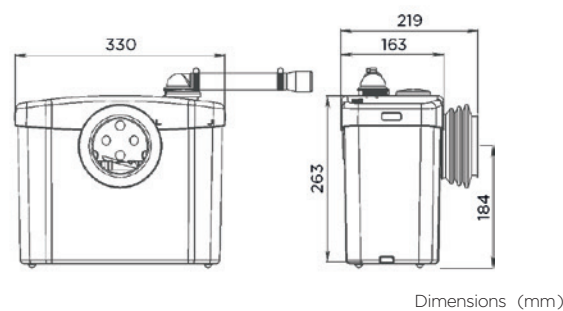
Number of entries	1
External inlet diameter	100 mm
Discharge diameter ext.	22/28/32 mm
Max. incoming temperature	35 °C
Voltage - Frequency	220-240 V - 50-60 Hz
Motor power	400 W
IP Rating	IP44
Electrical class	I
Noise level	46 dB(A)
Identification and logistics	
Gross weight	5.6 kg
Factory code	SXSTD

## OPTIONAL EXTRAS

Sanialarm  
Factory code : ALARM  
See pg. 33



## DIMENSIONS



# Sanitop



Similar to the original Saniflo but allows the connection of a toilet and a wash basin.



5 m  
100 m



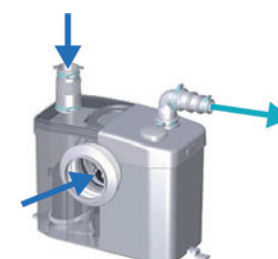
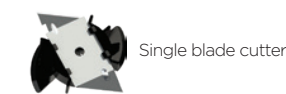
## PRODUCT BENEFITS

- Lets you install 1 toilet + 1 washbasin.
- Quiet product.

## CONNECTIONS

← Discharge diameter ext. : 22/28/32mm

→ External inlet diameter : 40, 100 mm

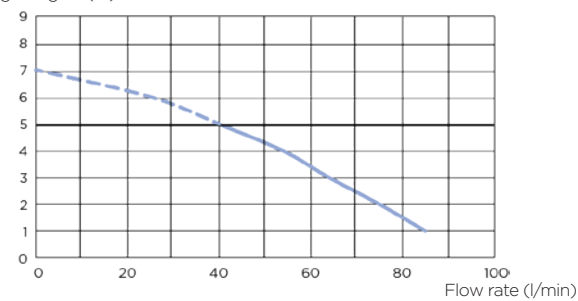


## PACKAGING

Sanitop, check valve, connectors and activated carbon filter included to neutralise odours.

## CURVE

Discharge height (m)



## TECHNICAL FEATURES

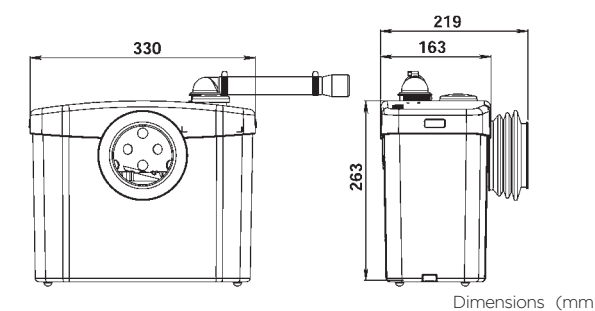
Number of entries	2
External inlet diameter	40, 100 mm
Discharge diameter ext.	22/28/32 mm
Max. incoming temperature	35 °C
Voltage - Frequency	220-240 V - 50-60 Hz
Motor power	400 W
IP Rating	IP44
Electrical class	I
Noise level	46 dB(A)
Identification and logistics	
Gross weight	5.7 kg
Factory code	ST2STD

## OPTIONAL EXTRAS

Sanialarm  
Factory code : ALARM  
See pg. 33



## DIMENSIONS





# Sanipro XR



The neat unit makes it easy to install an extra bathroom. Can easily deal with a WC, basin, bidet and a power shower.



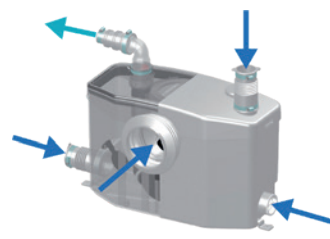
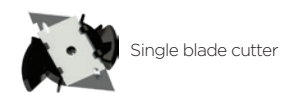
## PRODUCT BENEFITS

- Reliable and efficient macerating system.
- Drains all the water from a shower room.
- Quiet product.

## CONNECTIONS

← Discharge diameter ext. : 22/28/32mm

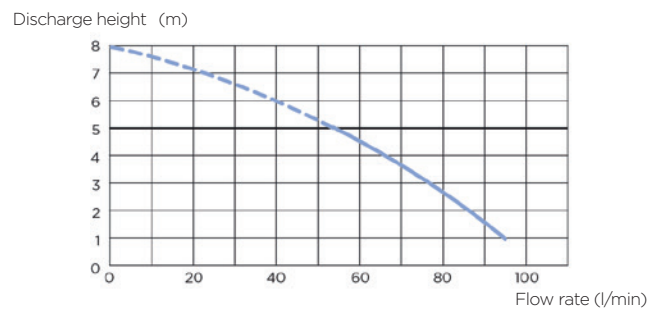
→ External inlet diameter : 40, 100mm



## PACKAGING

Sanipro XR, check valve, connectors and activated carbon filter included to neutralise odours.

## CURVE



## TECHNICAL FEATURES

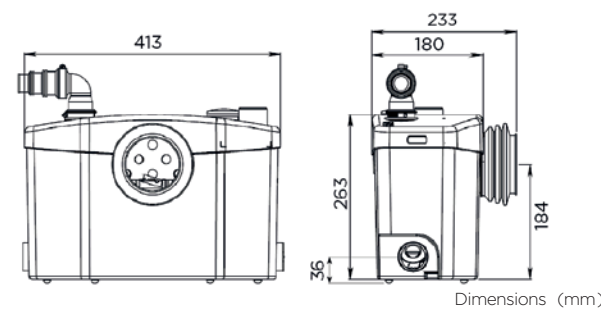
Number of entries	4
External inlet diameter	40, 100 mm
Discharge diameter ext.	22/28/32 mm
Min. shower tray height	13 cm
Max. incoming temperature	35 °C
Voltage - Frequency	220-240 V - 50-60 Hz
Motor power	400 W
IP Rating	IP44
Electrical class	I
Noise level	46 dB(A)
<b>Identification and logistics</b>	
Gross weight	7 kg
Factory code	SRSTD

## OPTIONAL EXTRAS

Sanialarm  
Factory code : ALARM  
See pg. 33



## DIMENSIONS



# Saniaccess 1-2-3



Saniaccess 3  
Saniaccess 2  
Saniaccess 1

Convenient covers allow service and maintenance without having to remove it.



## PRODUCT BENEFITS

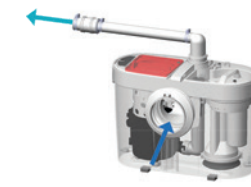
- 3 models for all needs - toilet only or complete shower room.
- Easy maintenance with double access to the product.
- Ideal for rental properties.

## CONNECTIONS

← Discharge diameter ext. : 22/28/32mm

→ External inlet diameter : 40, 100mm

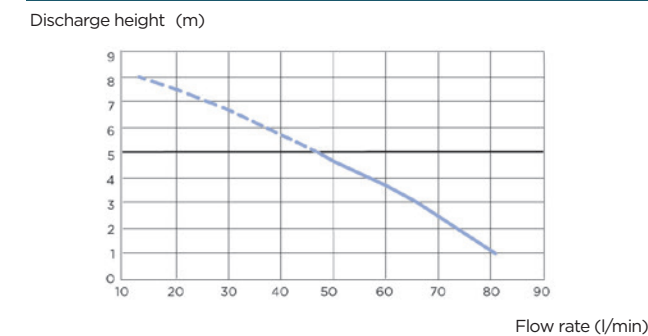
•Direct access to the basket in case of blockage due to improper use of the device without dismantling the device and without emptying the tank



## PACKAGING

Saniaccess, non-return valve, connectors, activated carbon filter included to neutralise odours

## CURVE

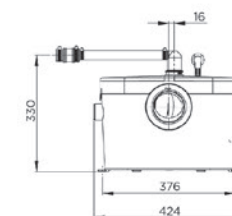


## TECHNICAL FEATURES

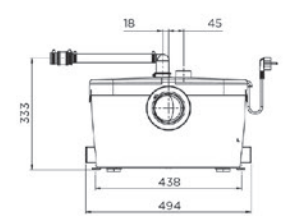
Number of entries	1	2	4
External inlet diameter	40, 100 mm		
Discharge diameter ext.	22/28/32 mm		
Min. shower tray height	15 cm		
Max. incoming temperature	35 °C		
Frequency Voltage	220-240 V - 50-60 Hz		
Motor power	400 W		
IP rating	IP44		
Electrical class	I		
Noise level	46 dB(A)		
<b>Identification and logistics</b>			
Gross weight	7 kg		
Factory code	SANIACCESS1	SANIACCESS2	SANIACCESS3

## DIMENSIONS

Saniaccess\*1-2



Saniaccess\*3



Dimensions (mm)

# Sanipack

Designed for a back-to-wall-hung sanitaryware and a complete modern and sleek finish shower room.



5 m  
100 m

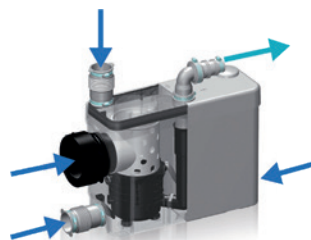
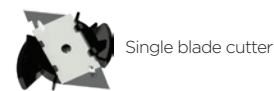


## PRODUCT BENEFITS

- The macerator for wall-hung bowls that fits in partitions.
- Ideally suited for fitted bathrooms.
- Compact design, suitable for discreet installation behind a partition.
- Extra slim dimensions.

## CONNECTIONS

- ← Discharge diameter ext. : 22/28/32mm
- External inlet diameter : 40, 100mm

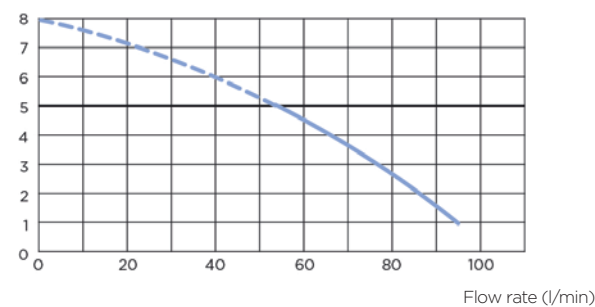


## PACKAGING

Sanipack, check valve, connectors, carbon filter to neutralise odours

## CURVE

Discharge height (m)



## TECHNICAL FEATURES

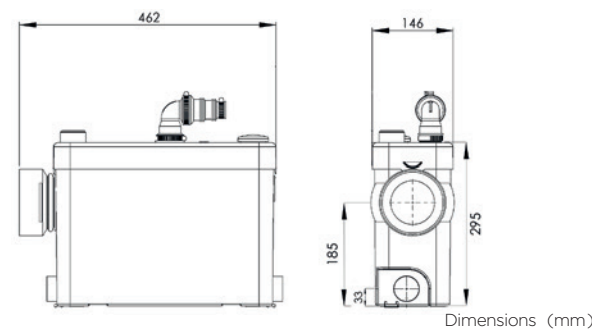
Number of entries	4
External inlet diameter	40, 100 mm
Discharge diameter ext.	22/28/32 mm
Min. shower tray height	13 cm
Max. incoming temperature	35 °C
Installation in relation to the WC bowl	max. 50 cm
Voltage - Frequency	220-240 V - 50-60 Hz
Motor power	400 W
IP Rating	IP44
Electrical class	I
Noise level	48 dB(A)
Identification and logistics	
Gross weight	5.5 kg
Factory code	PA2STD

## OPTIONAL EXTRAS

Sanialarm  
Factory code : ALARM  
See pg. 33



## DIMENSIONS



# Sanibest Pro

Heavy duty macerator suitable for heavy usage public or commercial environments.



7 m  
110 m



## PRODUCT BENEFITS

- Suitable for intensive use in public and commercial environments.
- Perfect for communities.
- Direct access to electronic components.

## CONNECTIONS

- ← Discharge diameter ext. : 22/28/32mm
- External inlet diameter : 40, 100mm

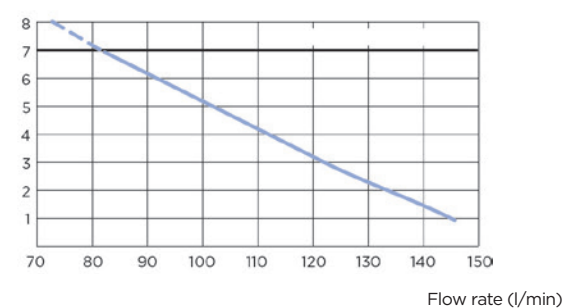


## PACKAGING

Sanibest Pro, non-return valve, connectors, activated carbon filter included to neutralise odours

## CURVE

Discharge height (m)



## TECHNICAL FEATURES

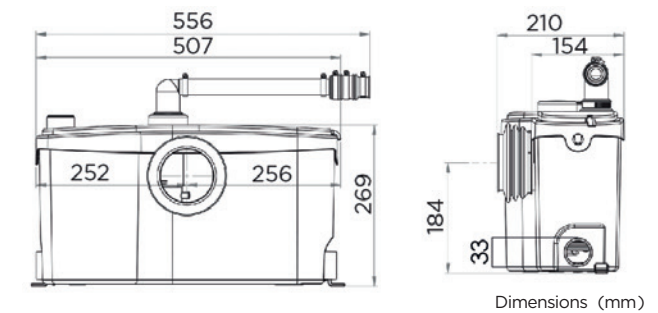
Number of entries	4
External inlet diameter	40, 100 mm
Discharge diameter ext.	22/28/32 mm
Min. shower tray height	15 cm
Max. incoming temperature	35 °C
Voltage - Frequency	220-240 V - 50-60 Hz
Motor power	1100 W
IP Rating	IP44
Electrical class	I
Identification and logistics	
Gross weight	12 kg
Factory code	B3PRO

## OPTIONAL EXTRAS

Sanialarm  
Factory code : ALARM  
See pg. 33



## DIMENSIONS





# Sanigrind Pro

The unique solution for S-trap toilets. Heavy duty macerator for public usage.



7 m  
110 m



## PRODUCT BENEFITS

- Ideal for public usage.
- The unique solution for S-trap toilets.
- The possibility to lower the pump.
- High performance macerating.

## CONNECTIONS

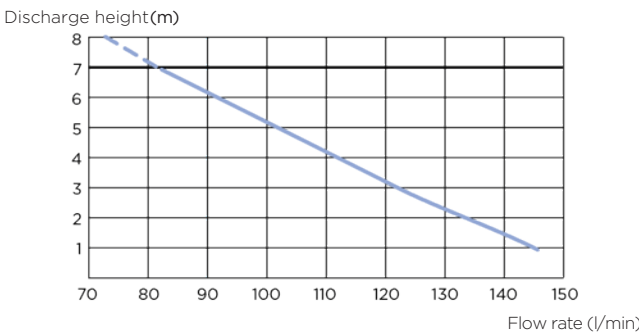
- ← Discharge diameter ext. 22/28/32mm
- External inlet diameter 40, 100mm



## PACKAGING

Sanigrind Pro, non-return valve, connectors, activated carbon filter to neutralise odours

## CURVE



## TECHNICAL FEATURES

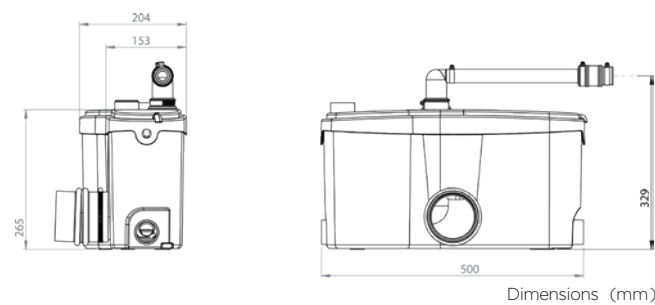
Number of entries	4
External inlet diameter	40, 100 mm
Discharge diameter ext.	22/28/32 mm
Max. incoming temperature	35 °C
Voltage - Frequency	220-240 V - 50-60 Hz
Motor power	1100 W
IP Rating	IP44
Electrical class	I
<b>Identification and logistics</b>	
Gross weight	12 kg
Factory code	GRINDPRO

## OPTIONAL EXTRAS

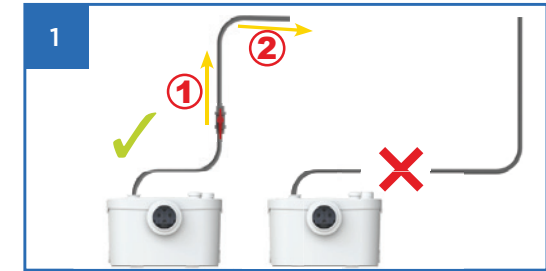
Sanialarm  
Factory code: ALARM  
See pg. 33



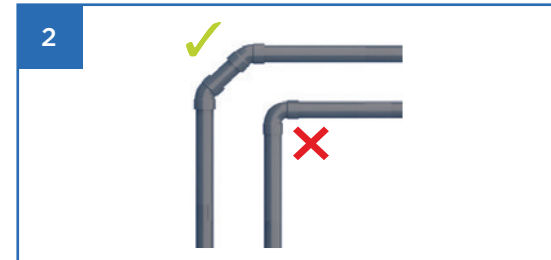
## DIMENSIONS



## SOME RULES FOR INSTALLING A SFA SANITOILET



- Vertical pumping must take place at the start of the DISCHARGE (1). From the highest point of the discharge (2), an incline of at least 1% is necessary.



- For the installation of connection elbows on the drainage piping, use 2 x 45° elbows rather than one 90° elbow. The larger radius curves DECREASE the discharge losses.



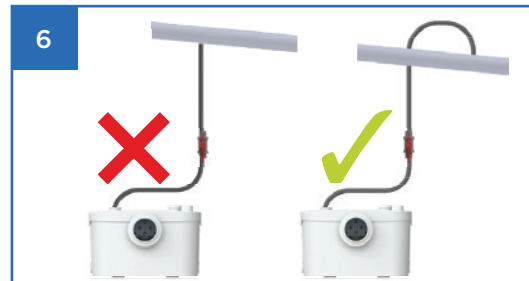
- Plan for a slope between the sanitary appliances and the SFA macerator.



- If the discharge takes place in a direct downwards way, provide for an aerator valve placed at the highest point to avoid the siphoning phenomenon.



- The appliance must not be installed more than 20 cm behind the toilet, nor at a lower level than the bowl.



- The macerator discharge pipe must be connected to the downspout from above, following the direction of flow.



- No sanitary appliance must be connected to the small diameter drainage pipe specific to the macerator.

# Sanicompact

 <p><b>Sanicompact Pro</b> Compact and contemporary design</p>	<p>P.26</p>	 Toilet	 Wall-hung toilet	 Wash basin	 Dual-flush system
		•	•	•	✓

## WHY SANICOMPACT RANGE?

The **Sanicompact** are toilets with built-in sanitoilet.

The Sanicompact is a ceramic WC, small in design and without a cistern but, as you can add a basin it is perfect for a smaller cloakroom.

The Sanicompact has a water saving push button flush system and a soft close toilet seat. The Sanicompact requires dynamic pressure of 1.7 bar water supply and ideally the basin should be connected to the right of the WC.

Installation of these products can affect the noise level.



# Sanicompact Pro



A nice designed WC unit with a built-in macerator that's perfect for a small cloakroom in your home.



3 m  
30 m



## PRODUCT BENEFITS

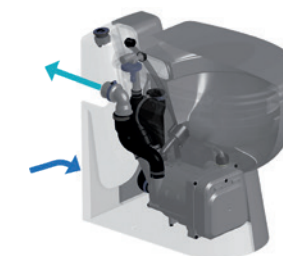
- Can be installed in place of a bidet.
- Needs no cistern to make the most all the smallest spaces.
- Possible to connect a hand wash basin .
- Flow rate > 100 l/min

## CONNECTIONS

- ← Discharge diameter ext. : 32 mm
- External inlet diameter : 40 mm



Multi-cutter disc

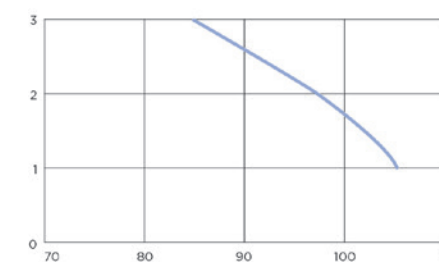


## PACKAGING

Non-return valve, floor fixings supplied, drop-brake flap detachable

## CURVE

Discharge height (m)

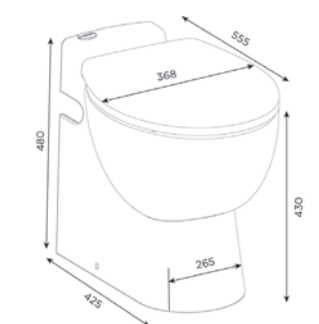


Flow rate (l/min)

## TECHNICAL FEATURES

Number of entries	1
External inlet diameter	40 mm
Discharge diameter ext.	32 mm
Max. incoming temperature	35 °C
Flush volume	1.8/3 L
Voltage - Frequency	220-240 V - 50-60 Hz
Motor power	550 W
IP Rating	IP44
Electrical class	I
Noise level	51 dB(A)
<b>Identification and logistics</b>	
Gross weight	31 kg
Factory code	CTILV

## DIMENSIONS



Dimensions (mm)



# WHAT IS A SANIGREY SOLUTION?

SANIGREY is designed to evacuate all greywater (excluding toilet waste) from your water feature: kitchen, bathroom, or laundry room, through a reduced diameter discharge pipe.



## HOUSEHOLD APPLICATION

Add a kitchen, a bathroom or a laundry room



## COMMERCIAL APPLICATION

Bars, restaurants, shops, paramedical premises, etc

Install a kitchen or a wet room wherever you want!

01

Greywater enters the tank via the pump inlets and comes into contact with the sensor.

02

Thanks to **a sensor**, the water automatically triggers the motor's activation.

03

The **turbine** starts up and evacuates the water through the discharge pipe.



# Sanigrey

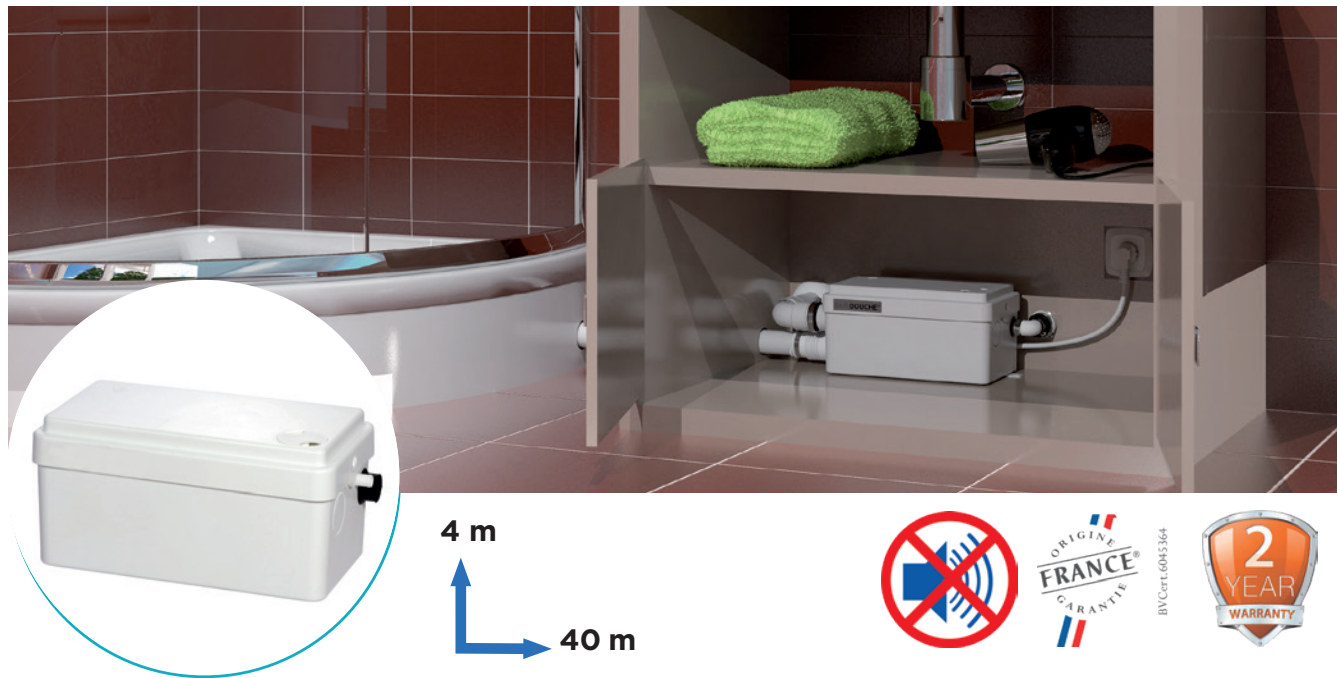
	Walk-in shower	Shower tray	Tiled shower tray	Shower cubicle	Bidet	Wash basin	Bath	Washing machine	Dish washer	Sink	Commercial
 <b>Sanishower</b> Pump suitable for standard shower tray p.30			•	•	•						
 <b>Sanivite</b> Pump suitable for installing a kitchen p.31				•	•	•	•	•	•	•	
 <b>Sanispeed</b> Pump suitable for installing a laundry room or a kitchen p.32				•	•	•	•	•	•	•	•
 <b>Sanicom 1</b> Pump suitable for individual and commercial use p.34				•	•	•	•	•	•	•	•
 <b>Sanicom 2</b> Pump suitable for individual and commercial use p.36				•	•	•	•	•	•	•	•

- MULTIPLE FITTING OPTIONS: EASY TO INSTALL AND COMPACT
- INSTALL A BATHROOM, A LAUNDRY OR A KITCHEN WHEREVER YOU WANT WITHOUT MAJOR WORK!

# Sanishower



A compact pump designed to be installed next to or underneath a shower tray with access for maintenance.

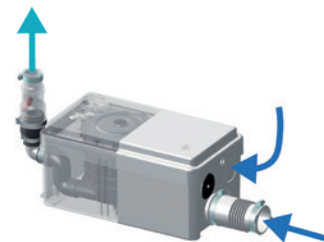


## PRODUCT BENEFITS

- Pump suitable for standard shower tray.
- Low noise level.
- Aesthetic design for discreet installation.
- Low starting level.

## CONNECTIONS

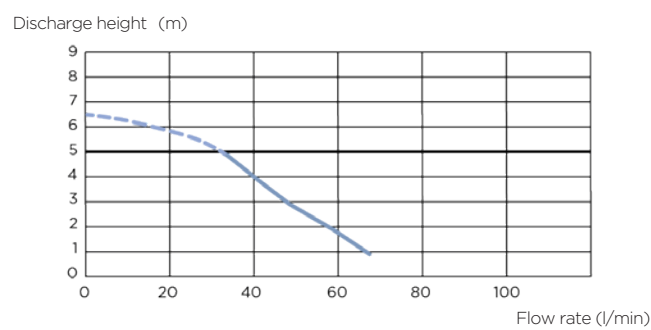
- ← Discharge diameter ext. : 32 mm
- External inlet diameter : 32, 40 mm



## PACKAGING

Sanishower, check valve, connectors

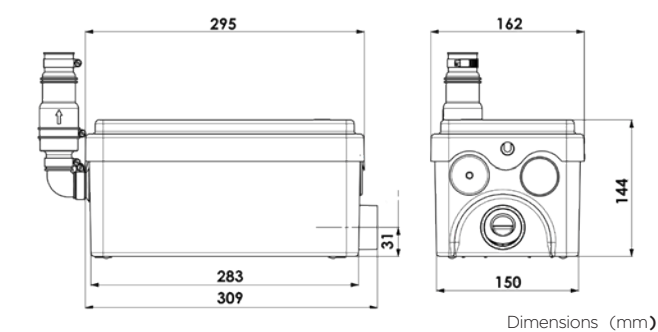
## CURVE



## TECHNICAL FEATURES

Number of entries	2
External inlet diameter	32, 40 mm
Discharge diameter ext.	32 mm
Min. shower tray height	12 cm
Max. incoming temperature	35 °C
Voltage - Frequency	220-240 V - 50-60 Hz
Motor power	250 W
IP Rating	IP44
Electrical class	I
Noise level	40 dB(A)
<b>Identification and logistics</b>	
Gross weight	4.6 kg
Factory code	D2STD

## DIMENSIONS



# Sanivite



Ideally suited to a kitchen or utility room with four inlets for connection to domestic sinks or appliances.



## PRODUCT BENEFITS

- Pump suitable for installation in a laundry room or kitchen.
- Low level switch-on.
- Carbon filter included.

## CONNECTIONS

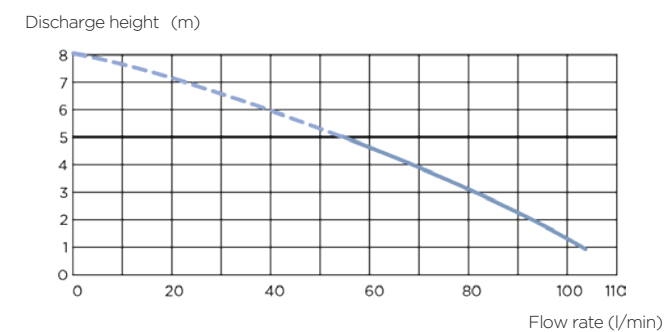
- ← Discharge diameter ext. : 32 mm
- External inlet diameter : 40 mm



## PACKAGING

Sanispeed, non-return valve, connectors

## CURVE



## TECHNICAL FEATURES

Number of entries	4
External inlet diameter	40 mm
Discharge diameter ext.	32 mm
Min. shower tray height	15 cm
Max. incoming temperature	60°C intermittently (max. 5 min)
Voltage - Frequency	220-240 V - 50-60 Hz
Motor power	400 W
IP Rating	IP44
Electrical class	I
Noise level	42 dB(A)
<b>Identification and logistics</b>	
Gross weight	6.2 kg
Factory code	SVSTD

## OPTIONAL EXTRAS

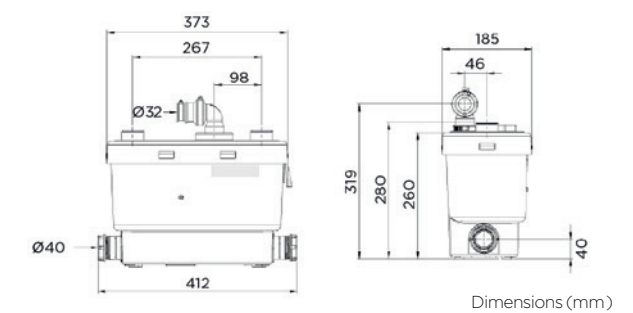
Sanialarm  
Product code: ALARM  
see p.33



Carbon Filter  
Product code: FILCHAR



## DIMENSIONS





# Sanispeed



Ideal for light commercial environments such as small shops, cafes, offices, bars and dental surgeries.



7 m  
70 m

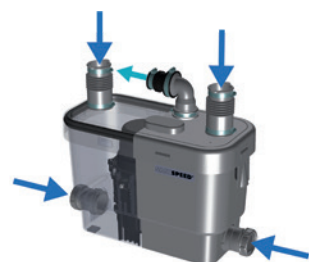


## PRODUCT BENEFITS

- Ideal for installing a professional kitchen.
- Water softener compatible.
- Flow rate: 110 L/min.

## CONNECTIONS

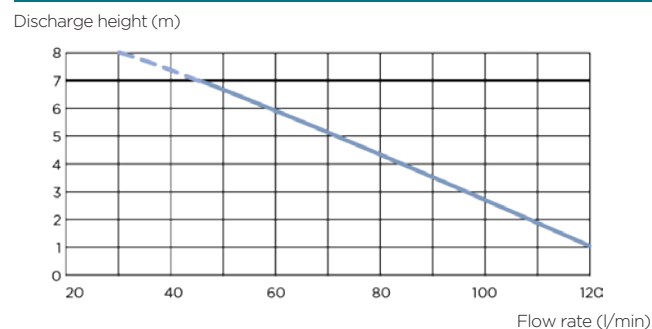
- ← Discharge diameter ext. : 32 mm
- External inlet diameter : 40 mm



## PACKAGING

Sanivite, non-return valve, connectors

## CURVE



## TECHNICAL FEATURES

Number of entries	4
External inlet diameter	40 mm
Discharge diameter ext.	32 mm
Min. shower tray height	15 cm
Max. incoming temperature	75°C intermittently (max. 5 min)
Voltage - Frequency	220-240 V - 50-60 Hz
Motor power	400 W
IP Rating	IP44
Electrical class	I
Noise level	42 dB(A)
Identification and logistics	
Gross weight	7 kg
Factory code	SSPSTD

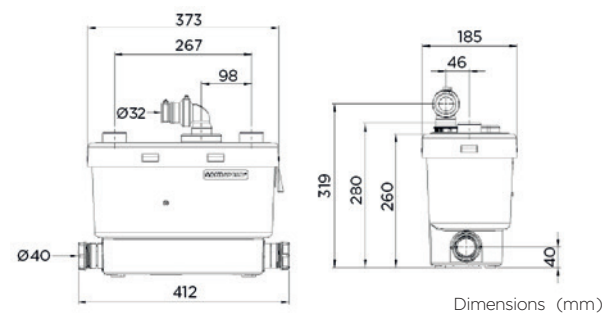
## OPTIONAL EXTRAS

Sanialarm  
Product code: ALARM  
see p.33

Carbon Filter  
Product code: FILCHAR



## DIMENSIONS



# Sanialarm



Occasional power outages, scaling of poorly maintained old appliances or even problems with clogged pipes, are all factors in significant variation of the water level permanently contained in SANITOILET or pump. To tackle this kind of unpredictability, SFA offers an efficient solution that provides instant alerts to avoid inappropriate use and take immediate action.

Product	EAN	Factory code	Compatible with
Sanialarm	3308810042799	-	Saniflo Sanitop Sanipro XR Sanipack Sanigrind Pro Sanibest Pro Sanivite Sanispeed
			Sanialarm works with 2 1.5 V batteries (not supplied)

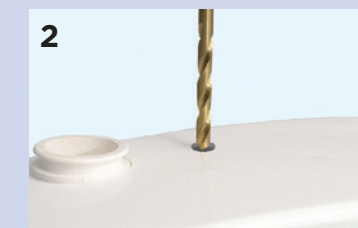
## How does it work?

The Sanialarm attaches to the cover of the SFA device. It consists of a level pressure switch which automatically activates the warning buzzer when the water volume exceeds the maximum permitted level. The alarm then produces an intermittent sound until it is silenced and the problem resolved.

## Easily install the Sanialarm



1 Insert 2 standard 1.5V batteries (not supplied) into the unit.



2 Drill a 10 mm diameter hole in the location shown on the appliance hood.



3 Coat with silicone grease before inserting the pressure switch tube of the Sanialarm.



4 Attach the Sanialarm inside the opening of the tube.



5 Switch to the ON position.

**BEFORE HANDLING:  
DISCONNECT  
THE POWER SUPPLY  
FROM THE  
SANITOILET**

# Sanicom 1

## grey water

Sanicom 1 is an automatic powerful lifting station for grey water and can be used in commercial applications. Suitable for multiple connections this unit can handle temperatures up to 90 degrees for short periods of time.



11m  
↑

### PRODUCT BENEFITS

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

### PACKAGING

Sanicom 1, non-return valve



### OPTIONAL EXTRAS

Wired alarm box Sanicom 1



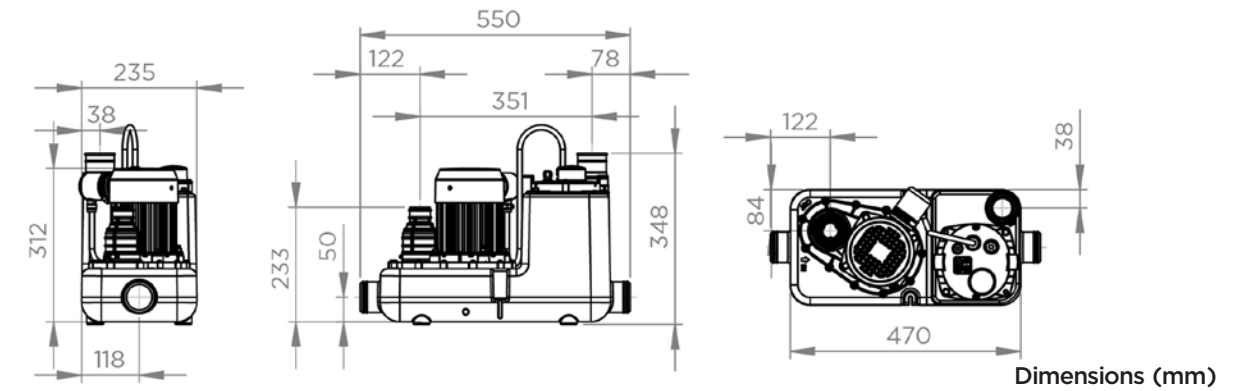
3308815083384  
BOITALARCOM1002

Sanicom carbon filter

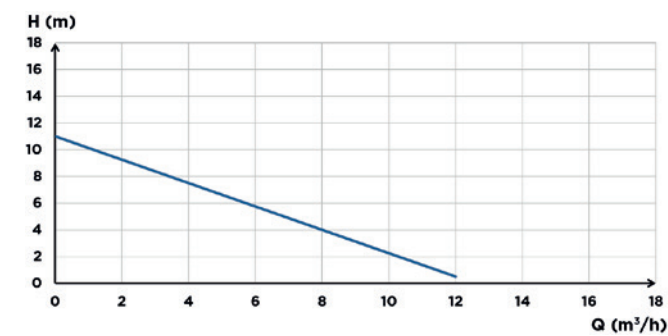


3308815077529  
FILTRCUBICSFA

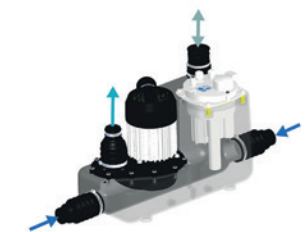
### DIMENSIONS



### CURVE



### CONNECTIONS



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

Sanicom 1	
Type of control box	Integrated
Material	
Tank	PE
Pump housing	PA 12 GF
Motor housing	Aluminium
Impeller	PA 6 GF
<b>Electrical features</b>	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	750
IP rating	IPX4
<b>Hydraulics</b>	
Total head (m)	11
Max. flow rate (m³/h)	12
External inlet diameter (mm)	40/50
External discharge diameter (mm)	32
External ventilation diameter (mm)	50
Total volume (L)	14
Useable volume (L)	5.7
ON level /OFF level (mm)	135/50
Alarm level (mm)	205
Particle size (mm)	8
Max. temperature of the pumped liquid (5 min)	90°C
Type of impeller	multi-channel
Type of activation	pneumatic
<b>Identification and logistics</b>	
Gross weight (kg)	10
Factory code	COM1002



# Sanicom 2

## grey water

Sanicom 2 is an automatic powerful grey water lifting station that has two powerful motors and can be used in busy commercial applications as the second motor acts as a failsafe backup. Suitable for multiple connections this unit can handle temperatures up to 90 degrees for short periods of time.



15m

### PRODUCT BENEFITS

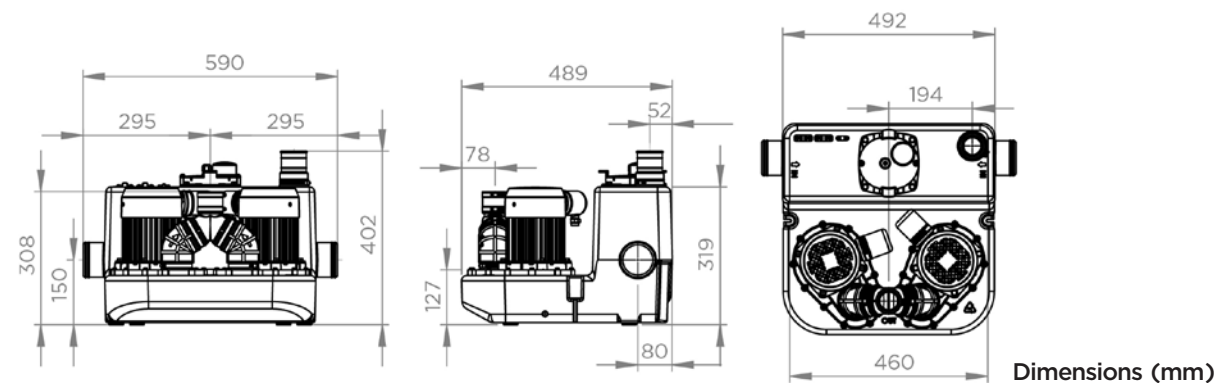
- Grey water lifting station
- Floor standing for easy installation
- Easily accessibility for maintenance
- 2 side inlets with outer diameter 40/50/80
- 2 pumps operate alternately for more even use
- Remote control box comes as standard
- Alarm can be fitted if required

### PACKAGING

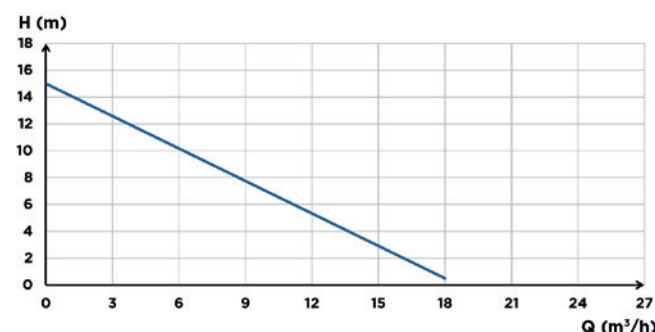
Sanicom 2, 2 non-return valves, control unit (2 m cable)



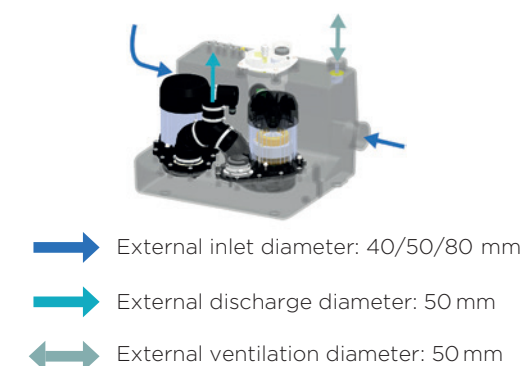
### DIMENSIONS



### CURVE



### CONNECTIONS



### DELIVERED AS STANDARD

Classic control box



### OPTIONAL EXTRAS

Sanicom alarm



3308815084107  
BOITALARMCOM2002

Sanicom carbon filter



3308815077529  
FILTRECUBICSFA

Sanicom 2	
Type of control box	Classic
Material	PE
Tank	PE
Pump housing	PA 12 GF
Motor housing	Aluminium
Impeller	PA 6 GF
<b>Electrical features</b>	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	2 x 1500
IP rating	IPX4
<b>Hydraulics</b>	
Total head (m)	15
Max. flow rate (m³/h)	18
External inlet diameter (mm)	40/50/80
External discharge diameter (mm)	50
External ventilation diameter (mm)	50
Total volume (L)	34
Useable volume (L)	13
ON level /OFF level (mm)	145/60
Alarm level (mm)	215
Particle size (mm)	8
Max. temperature of the pumped liquid (5 min)	90°C
Type of impeller	multi-channel
Type of activation	pneumatic
<b>Identification and logistics</b>	
Gross weight (kg)	25
Factory code	COM2002

# WHY SANICONDENS?

Air conditioners generate condensate, which may need to be removed to drain them discreetly.

To meet this need, SFA provides sleek solutions for removing air conditioner condensate, catering to units with a cooling capacity up to 8 kW.

Our condensate evacuation pumps are perfect for efficiently handling drainage from FCU (Fan Coil Units) and water dispensers, especially when gravity alone won't do the job.

Versatile and compliant with pH regulations, these pumps also support heat pumps and thermodynamic flasks, ensuring smooth and reliable drainage in various settings.

Remember, some areas might need condensate pre-treatment according to regulations.










### ENSURE THAT THE PUMP IS SUITABLE FOR YOUR AIR CONDITIONER:

It is generally accepted that the volume of condensate water to be drained is approximately 0.5 to 0.8 L/hr per kW of cooling capacity (this value can increase sharply in areas with very high humidity). This means that for a 5 kW air conditioner, for example, the volume of condensates to be drained will be 2.5 to 4 L/h.

To carry out a functional installation adapted to your air conditioner, it is important to consider the discharge losses: the suction height, the vertical delivery height and finally the horizontal discharge length.



## Condensate pump for air conditioners

	 GAS boiler	 OIL boiler	 Air conditioner	 Refrigerated display	 Dehumidifier	 Air conditioning box
 <p><b>Sanicondens Clim Mini S</b> Extremely compact design for a completely discreet installation</p> <p>P.40</p>			•			
 <p><b>Sanicondens Clim Deco</b> Easy installation with fixing kit supplied Auto-resetting thermal protector</p> <p>P.41</p>			•			
 <p><b>Sanicondens Pro</b> All accessories as standard and an alarm pre-connection</p> <p>P.42</p>	MAXIMUM 50 kW	MAXIMUM 30 kW	•	•	•	•

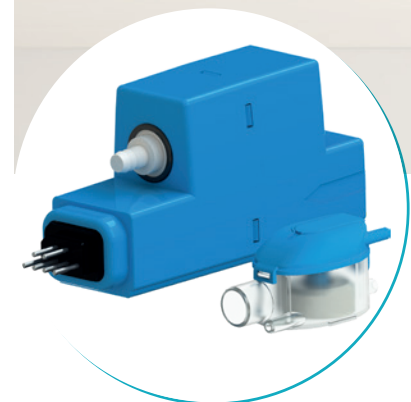
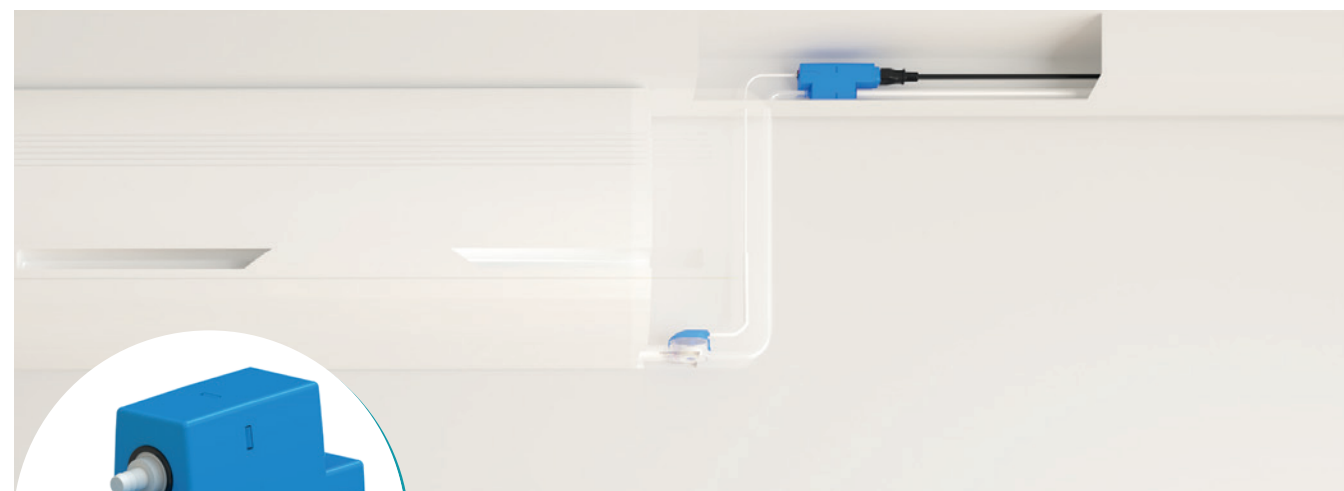
- DISCREET INSTALLATION THANKS TO ITS COMPACT SIZE
- A SILENT RANGE FOR QUIET OPERATION
- PUMPING PERFORMANCE: UP TO 6 M
- EASY ASSEMBLY THANKS TO THE FIXING KIT SUPPLIED
- SEVERAL INLETS AVAILABLE FOR GREATER FLEXIBILITY OF INSTALLATION (Sanicondens Pro )



# Sanicondens Clim Mini S



Specifically designed to expel the condensate from air conditioning units.



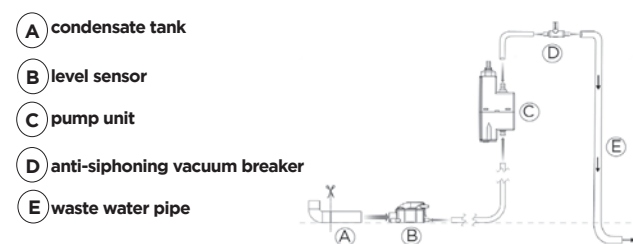
6 m  
↑



## PRODUCT BENEFITS

- Compact solution for discreet installation.
- Silent: only 21 dB(A).
- Safety system: 130 °C thermal protector and overflow alarm.
- Easy to check: transparent base.

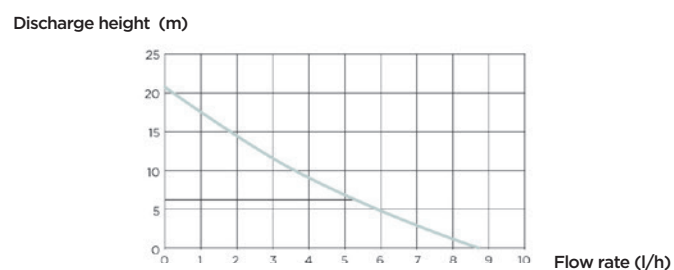
## CONNECTIONS



## PACKAGING

Sanicondens Clim mini pump, detection unit, 1.2 m flexible hose, mounting bracket, vent tube, power cable supplied

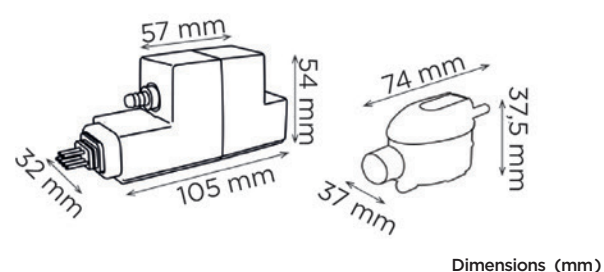
## CURVE



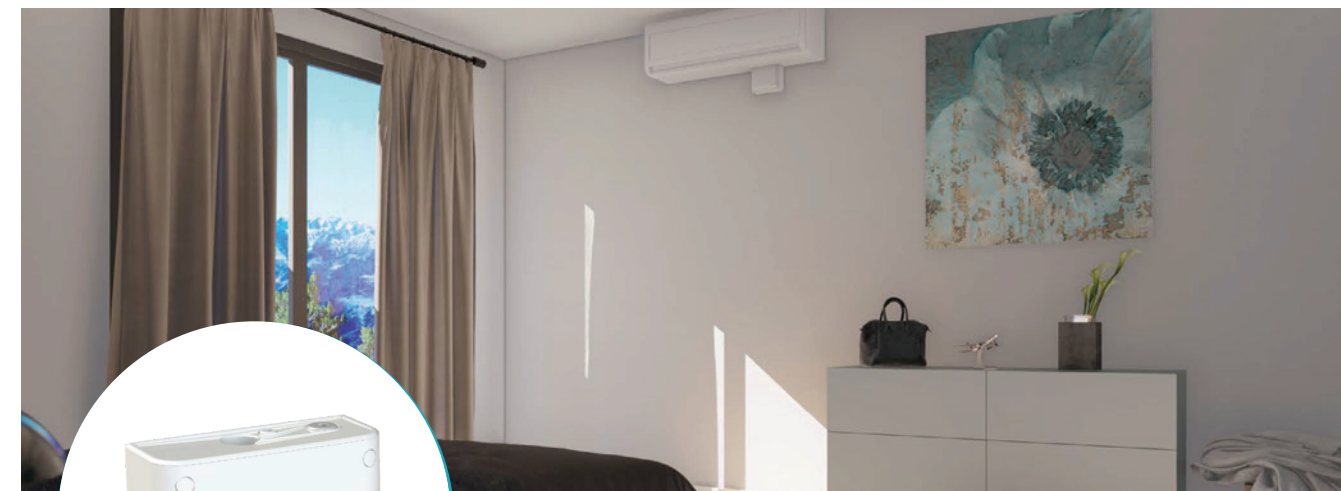
## TECHNICAL FEATURES

Max. power of air conditioner	8 kW
Inlet diameter DN	16 mm
Discharge diameter DN	6 mm
Max. flow rate	9 l/h +/-15%
Max. incoming temperature	35 °C
Max. suction distance between the detection bloc and the pump	2 m
Voltage - Frequency	220-240 V - 50-60 Hz
Max. power consumption	22 W
IP Rating	IP24
Noise level	21 dB(A)
Identification and logistics	
Gross weight	0.9 kg
Factory code	CLIMMINI3S

## DIMENSIONS



# Sanicondens Clim Deco



6 m  
↑



## PRODUCT BENEFITS

- Compact solution for neat installation
- Easy installation, with fixing kit supplied
- Auto-resetting thermal protector

## CONNECTIONS

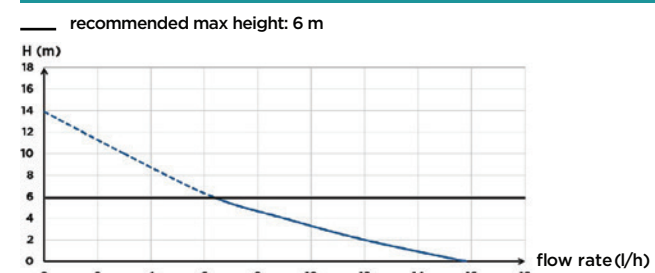
- ← Discharge diameter DN: 8-10 mm
- Inlet diameter DN: 22 mm



## PACKAGING

Sanicondens Clim Deco, wall mounting, screw covers

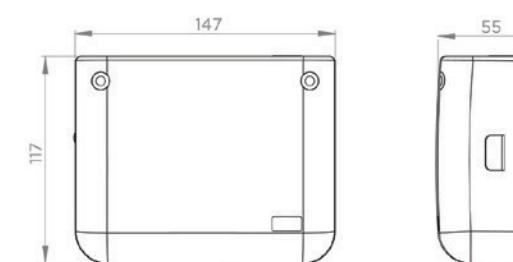
## CURVE



## TECHNICAL FEATURES

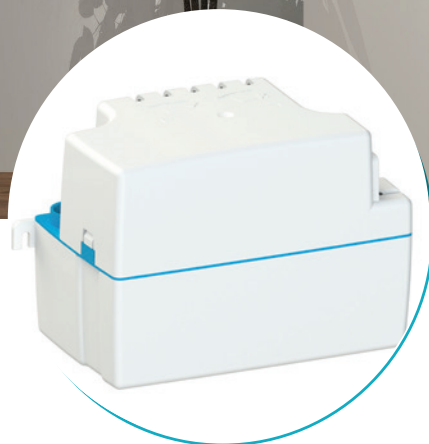
Max. power of air conditioner	10 kW
Number of inlets	1
Inlet diameter DN	22 mm
Discharge diameter DN(int.)	8-10 mm
Tank volume	0.175 L
Max. incoming temperature	35 °C
Max. power consumption	22 W
Voltage / Frequency	220-240 V / 50-60 Hz
IP Rating	IP 24
Electrical class	II
Noise level	23 dB(A)
Identification and logistics	
Gross weight	0.9 kg
Factory code	CLIMDECO 2

## DIMENSIONS



# Sanicondens Pro

Specifically designed for disposal of acidic concentrate from boilers and other water producing equipment.



4.5 m  
50 m

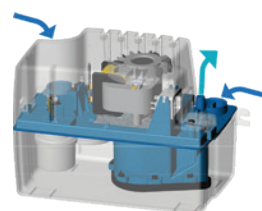


## PRODUCT BENEFITS

- Compact and silent solution.
- Connections possible with gas and oil boilers (using Sanineutral or Sanineutral Mini), floor and wall mounted units, refrigerated display cabinets, air conditioners, air conditioning cassettes and dehumidifiers.
- Alarm pre-connection.
- Easy installation: complete kit included.

## CONNECTIONS

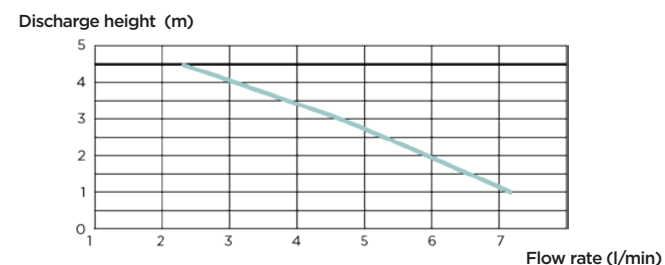
- ← Discharge diameter:(int.) 10mm
- Inlet diameter:DN 28mm



## PACKAGING

Sanicondens Pro, non-return valve included, fixing screw, 1 inlet adapter, 1 outlet adapter (Ø 50 mm), 1 drain hose 5 m, 1 power cable 1.5 m, 1 rubber stopper, 1 alarm pre-connection cable

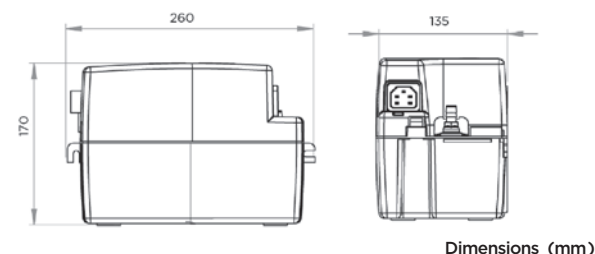
## CURVE



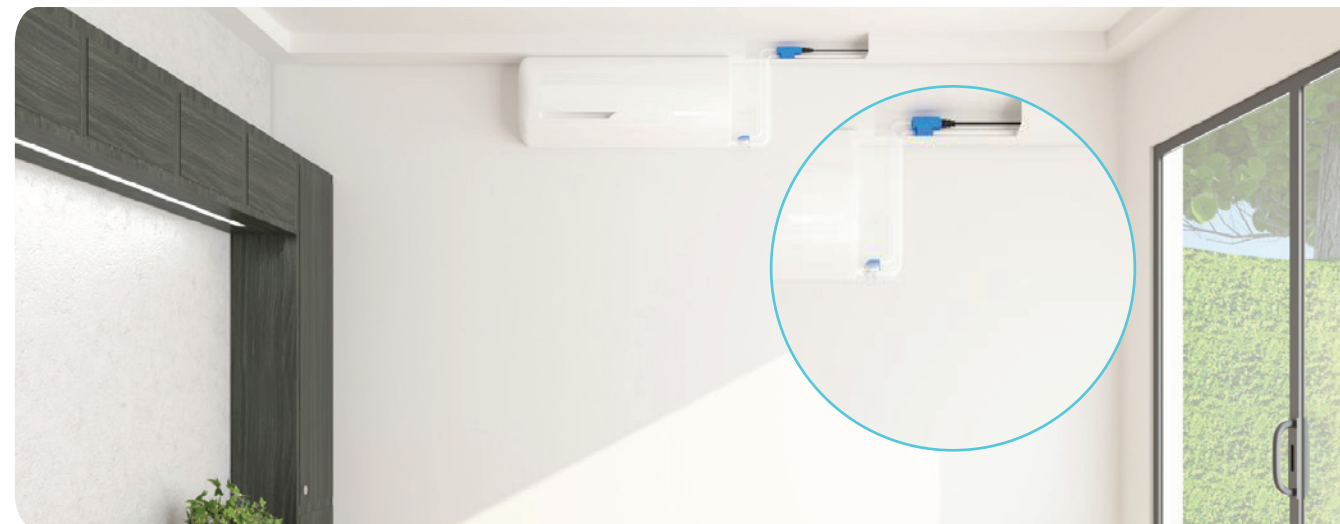
## TECHNICAL FEATURES

Max. power of air conditioner	up to 50 kW
Number of entries	2
Inlet diameter DN	28 mm
Discharge diameter (int.)	10 mm
Tank volume	2.2 L
Max. incoming temperature	80 °C (S3 15%)
Voltage - Frequency	220-240 V - 50-60 Hz
Max. power consumption	60 W
Maximum current	0.52 A
Electrical class	I
IP Rating	IP24
Noise level	< 45 dB(A)
Alarm pre-connection	yes
Identification and logistics	
Gross weight	3 kg
Factory code	SK6

## DIMENSIONS



## Sanicondens Clim Mini S



## Sanicondens Clim Deco



## Sanicondens Pro





## Floor-mounted/ Floor standing stations

Free-standing stations have many advantages: their indoor installation (in a technical room or cellar) reduces installation costs and allows easy access and maintenance.



### SANICUBIC Grinder

- Individual houses
- House extensions, creation of pool houses
- Factory extensions (creation of sanitary facilities with toilets, washbasins, urinals)
- Construction site living areas, cultural events
- Facilities for fluvial habitat (floating chalets, barges)



### SANICUBIC Vortex

- One or more dwellings connected to the same station
- Sanitary facilities in bars, restaurants
- Sanitary facilities in stadiums
- Hotels, campsites, offices
- Boats



### SANICUBIC SC/GR

- Public buildings (administrations, railway stations, hospitals)
- Shopping centers
- Residential buildings

## >> Our range of floor standing stations

Product name	Illustration	Impeller	Grey water	Sewage	Max head (m)	Max flow rate (m <sup>3</sup> /h)
<b>Sanicubic 1 WP</b> See pages 48-49		 PRO X K2	✓	✓	13	15
<b>Sanicubic 2 Classic</b> See pages 50-51		 PRO X K2	✓	✓	13	15
<b>Sanicubic 1 GR</b> See pages 52-53		 PRO X K3	✓	✓	39	17
<b>Sanicubic 2 GR</b> See pages 54-55		 PRO X K3	✓	✓	39	17
<b>Sanicubic 1 GR HP</b> See pages 56-57		 PRO X K2	✓	✓	18	19
<b>Sanicubic 2 GR HP</b> See pages 58-59		 PRO X K2	✓	✓	18	19
<b>Sanicubic 1 VX</b> See pages 60-61		 VORTEX	✓	✓	13.5	40
<b>Sanicubic 2 VX</b> See pages 62-63		 VORTEX	✓	✓	16	55
<b>Sanicubic 1 SC</b> See pages 64-65		 SINGLE-CHANNEL	✓	✓	22	165
<b>Sanicubic 2 SC</b> See pages 66-67		 SINGLE-CHANNEL	✓	✓	22	165



# Installation example of a floor standing station



## SPORTS HALL

Shower and toilets

### ISSUE

**?** Install a collective bathroom with WC, hand basin and showers in the basement without gravity evacuation.

### SOLUTION

**✓** A lifting station Sanicubic 2VX has been installed in the basement to reach the main evacuation located at street level.

# INSTALLING A Sanicubic STATION FLOOR STANDING

## 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 non direct sunlight location, in a well lit room and with sufficient space for maintenance of the unit



Non-return loop located above the backflow level

Installation of an auxiliary submersible pump in the room for possible emergency drainage





# Sanicubic 1 WP

## grey water, black water

Sanicubic 1 WP lifting station is designed for individual use (house, small commercial premises) and collects all waste water from toilets, bathrooms, kitchens or laundry rooms. The unit benefits from the Pro X K2 grinding technology removing waste water through small 50 mm diameter ext. pipe.



### PERFORMANCES

- Max. Head (Q0): 13 m
- Max. Flow rate: 15 m<sup>3</sup>/h

### PRODUCT BENEFITS

- Simple and easy installation without soil disbursement
- 4 inlets, 2 of which are low for greater installation flexibility.
- Pro X K2 grinding technology drains wastewater through a 50 mm ext. diameter hose.
- IP68 reinforced seals and remote control.
- Removable motor and level sensors for ease of maintenance.



Pro X K2 grinder



### DELIVERED AS STANDARD

Classic control Box    Remote wired audible alarm



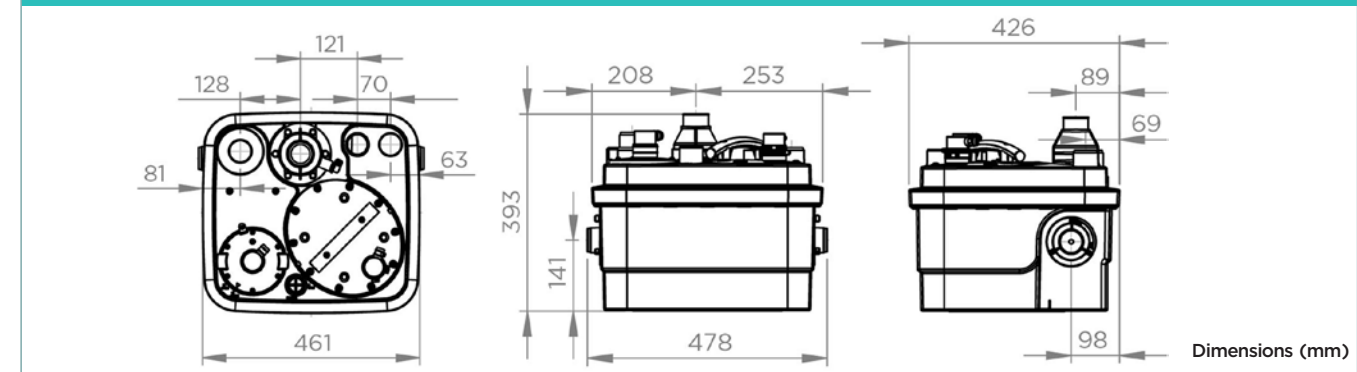
### OPTIONAL EXTRAS

Sanicubic carbon filter

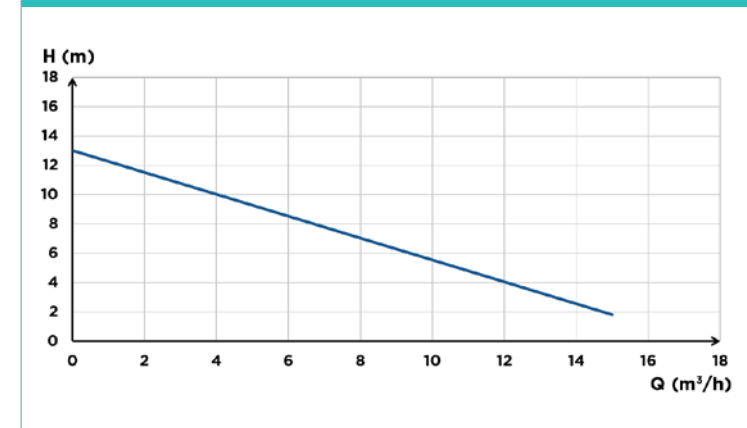


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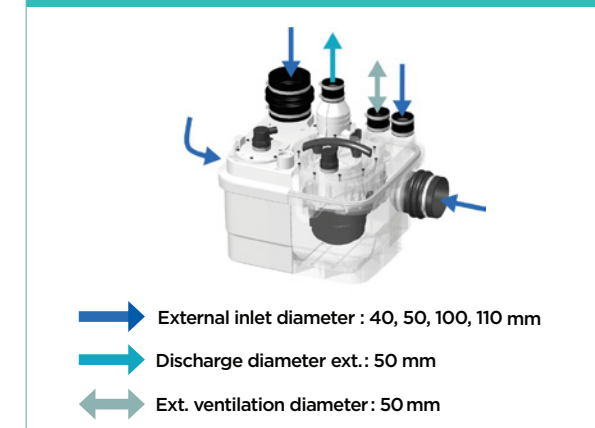
### DIMENSIONS



### CURVE



### CONNECTIONS



### Sanicubic 1 WP

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
Mode of operation	S3 30 %
IP Rating	IP68
Hydraulics	
Max. Head (Q0) (m)	13
Max. flow rate (m <sup>3</sup> /h)	15
External inlet diameter (mm)	40, 50, 100, 110
Discharge diameter ext. (mm)	50
Ext. ventilation diameter (mm)	50
Total volume (L)	32
Useable volume (L)	10
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 grinder
Type of activation	pneumatic
Identification and logistics	
Gross weight (kg)	23
Factory code	CUBIC1IP68NM

# Sanicubic 2 Classic

grey water, black water

Sanicubic 2 Classic is a 2-pump stations designed for the lifting of waste water from single-family houses, pool-houses, kitchens, etc. They benefit from the Pro X K2 maceration technology evacuating waste water through a small 50 mm diameter ext. pipe. The two pumps work alternately. The 5 inlets, 2 of which are low, allow great flexibility in the installation of sanitary equipment.



## PERFORMANCES

- Max. Head (Q0): 13 m
- Max. Flow rate: 15 m<sup>3</sup>/h

## PRODUCT BENEFITS

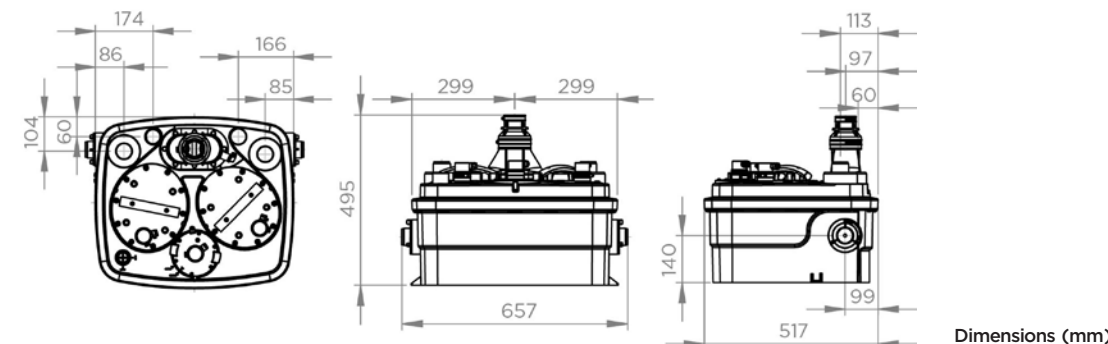
- Easily accessible with removable motors and level sensors for ease of maintenance.
- Alternating operation of the 2 pumps.
- 5 inlets, 2 of which are low-level.
- Low-level switching.
- Less chance of clogging due to the Pro X K2 grinder technology.
- Discharge in 50 mm ext. pipe.



Pro X K2 grinder

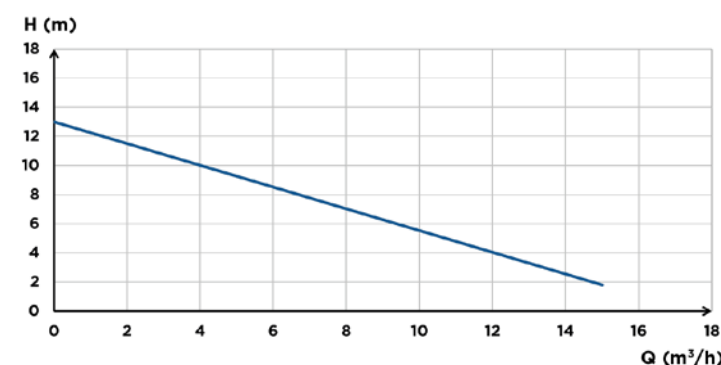


## DIMENSIONS

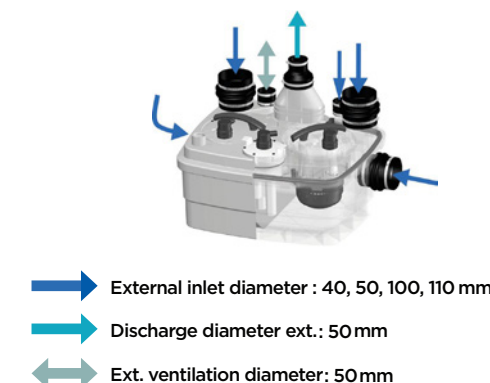


Dimensions (mm)

## CURVE



## CONNECTIONS



## DELIVERED AS STANDARD

Classic control Box



Remote wired audible alarm



## OPTIONAL EXTRAS

Sanicubic carbon filter



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	Sanicubic 2 Classic
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)	2 x 1500
Mode of operation	S3 50 %
IP Rating	IP68
Hydraulics	
Max. Head (Q0) (m)	13
Max. Flow rate m <sup>3</sup> /h	15
External inlet diameter (mm)	40, 50, 100, 110
Discharge diameter ext. (mm)	50
Ext. ventilation diameter (mm)	50
Total volume (L)	45
Useable volume (L)	17,5
ON Level /OFF level (mm)	140/170
Alarm level (mm)	210
Max. temperature of the pumped liquid (5 min)	70°C
Type of impeller	Pro X K2 grinder
Type of activation	pneumatic
Identification and logistics	
Gross weight (kg)	35
Factory code	R4LCIP68NM



# Sanicubic 1 GR

## grey water, black water

Sanicubic 1 GR is a station recommended for individual use (pavilion, 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 grinding system. It has 7 possible inlets to collect all types of waste water in the most demanding of settings. The station is delivered with a pneumatically controlled remote control box including an audible and visual alarm.



### PERFORMANCES

- Max. Head (Q0) : 39 m
- Max. Flow rate: 17 m<sup>3</sup>/h

### PRODUCT BENEFITS

- Installation without excavation.
- Accessibility in case of maintenance.
- Compact dimensions.
- 7 inlets.
- Dilution wheel.
- 5 pump versions in single or three phase.
- Integrated connection and non-return valve.



Pro X K3 grinder



### DELIVERED AS STANDARD

Control boxes ZPS - single

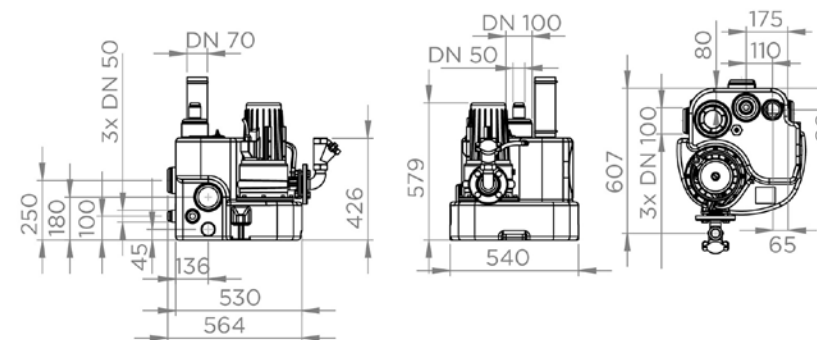


### OPTIONAL EXTRAS

Sanicubic carbon filter

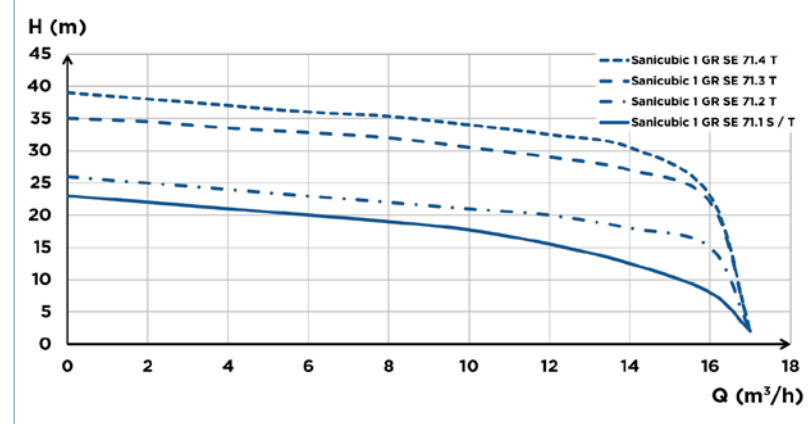


### DIMENSIONS

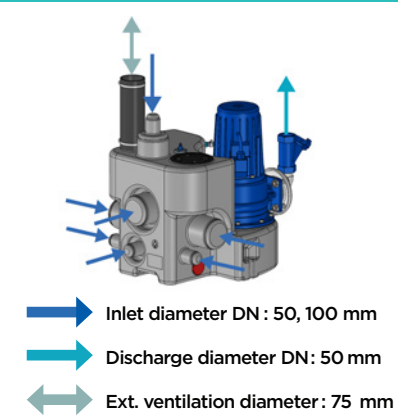


Dimensions (mm)

### CURVE



### CONNECTIONS



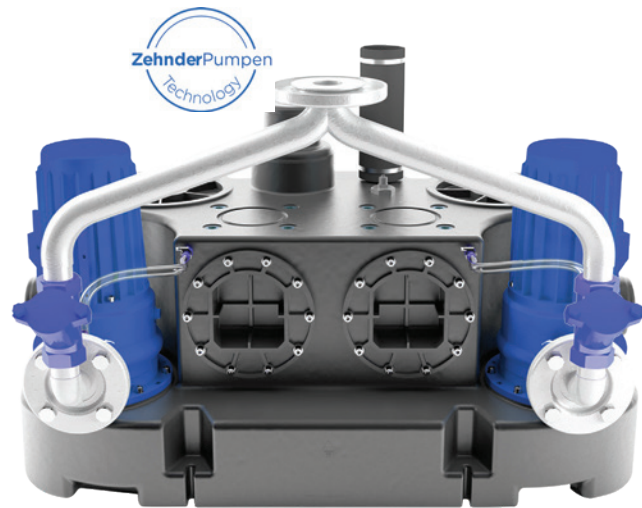
	Sanicubic 1 GR SE71.1 S	Sanicubic 1 GR SE71.1 T	Sanicubic 1 GR SE71.2 T	Sanicubic 1 GR SE71.3 T	Sanicubic 1 GR SE71.4 T
<b>Type of control box</b>	ZPS 1 case	ZPS 1 case	ZPS 1 case	ZPS 1 case	ZPS 1 case
<b>Material</b>					
<b>Tank</b>	PE LD	PE LD	PE LD	PE LD	PE LD
<b>Pump housing</b>	GG-20	GG-20	GG-20	GG-20	GG-20
<b>Motor housing</b>	GG-20	GG-20	GG-20	GG-20	GG-20
<b>Impeller</b>	GG-20	GG-20	GG-20	GG-20	GG-20
<b>Electrical features</b>					
<b>Voltage (V)</b>	230	400	400	400	400
<b>Frequency (Hz)</b>	50-60	50-60	50-60	50-60	50-60
<b>Power consumption P1 (W)</b>	2200	2100	2100	3900	3900
<b>Mode of operation</b>	S3 25 %	S3 25 %	S3 25 %	S3 25 %	S3 25 %
<b>IP Rating</b>	IP68	IP68	IP68	IP68	IP68
<b>Hydraulics</b>					
<b>Max. Head (Q0) (m)</b>	22	22	25	35	39
<b>Max. Flow rate (m<sup>3</sup>/h)</b>	17	17	17	17	17
<b>Inlet diameter DN</b>	50, 100	50, 100	50, 100	50, 100	50, 100
<b>Discharge diameter DN</b>	50	50	50	50	50
<b>Ext. ventilation diameter</b>	75	75	75	75	75
<b>Total volume (L)</b>	55	55	55	55	55
<b>ON Level /OFF level (mm)</b>	140-250/30	140-250/30	140-250/30	140-250/30	140-250/30
<b>Alarm level (mm)</b>	180-290	180-290	180-290	180-290	180-290
<b>Max. temperature of the</b>	55°C	55°C	55°C	55°C	55°C
<b>Type of impeller</b>	Pro X K3 grinder	Pro X K3 grinder	Pro X K3 grinder	Pro X K3 grinder	Pro X K3 grinder
<b>Type of activation</b>	pneumatic	pneumatic	pneumatic	pneumatic	pneumatic
<b>Identification and logistics</b>					
<b>Gross weight (kg)</b>	64	64	64	68	68
<b>Factory code</b>	CUBIC1GRSE71-1S	CUBIC1GRSE71-1T	CUBIC1GRSE71-2T	CUBIC1GRSE71-3T	CUBIC1GRSE71-4T

# Sanicubic 2 GR

## grey water, black water

The Sanicubic 2 GR station is designed for the lifting of waste water from detached houses, pool-houses, kitchens etc. This station is equipped with 2 pumps with the Pro X K3 dilaceration system, which are activated simultaneously in case of a large supply.

Sanicubic 2 GR is available in 4 versions for 4 high level lifting performances. It has 5 inlets of different diameters. The station is delivered with a pneumatically controlled remote control box including an audible and visual alarm.



### PERFORMANCES

- Max. Head (Q0) : 39 m
- Max. Flow rate: 17 m<sup>3</sup>/h

### PRODUCT BENEFITS

- Installation without excavation.
- Accessibility in case of maintenance.
- Expansion wheels.
- 3 inlets DN 100, 2 inlets DN 50.
- 150 litre tank.
- 4 three-phase versions.
- Including non-return valve & outlet flange.



Pro X K3 grinder



### DELIVERED AS STANDARD

ZPS control boxes - two-pump



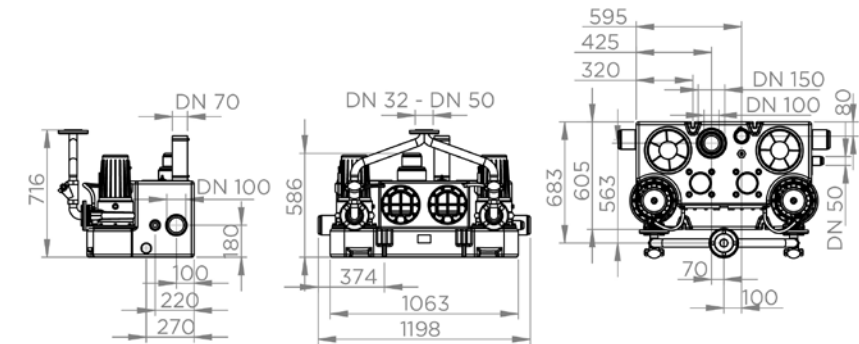
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### OPTIONAL EXTRAS

Sanicubic carbon filter

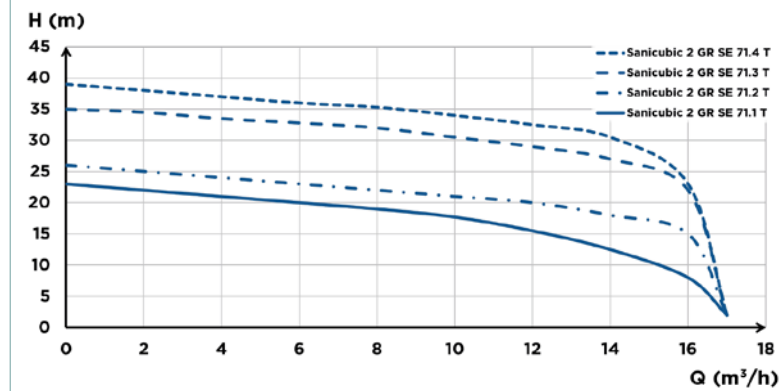


### DIMENSIONS

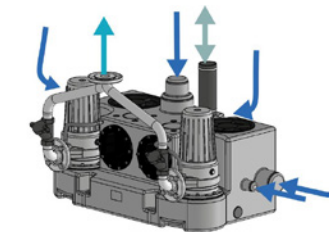


Dimensions (mm)

### CURVE



### CONNECTIONS



- ➔ Inlet diameter DN : 100, 150 mm
- ➔ Discharge diameter DN : 50 mm
- ↔ Ext. ventilation diameter : 75 mm

	Sanicubic 2 GR SE71.1 T	Sanicubic 2 GR SE71.2 T	Sanicubic 2 GR SE71.3 T	Sanicubic 2 GR SE71.4 T
<b>Type of control box</b>	ZPS 2 case	ZPS 2 case	ZPS 2 case	ZPS 2 case
<b>Material</b>				
<b>Tank</b>	PE LD	PE LD	PE LD	PE LD
<b>Pump housing</b>	GG-20	GG-20	GG-20	GG-20
<b>Motor housing</b>	GG-20	GG-20	GG-20	GG-20
<b>Impeller</b>	GG-20	GG-20	GG-20	GG-20
<b>Electrical features</b>				
<b>Voltage (V)</b>	400	400	400	400
<b>Frequency (Hz)</b>	50-60	50-60	50-60	50-60
<b>Power consumption P1 (W)</b>	2 x 2100	2 x 2100	2 x 3900	2 x 3900
<b>Mode of operation</b>	S3 25 %	S3 25 %	S3 25 %	S3 25 %
<b>IP Rating</b>	IP68	IP68	IP68	IP68
<b>Hydraulics</b>				
<b>Max. Head (Q0) (m)</b>	22	25	35	39
<b>Max. Flow rate (m<sup>3</sup>/h)</b>	17	17	17	17
<b>Inlet diameter DN</b>	100, 150	100, 150	100, 150	100, 150
<b>Discharge diameter DN</b>	50	50	50	50
<b>Ext. ventilation diameter (mm)</b>	75	75	75	75
<b>Total volume (L)</b>	150	150	150	150
<b>ON Level /OFF level (mm)</b>	140-250/30	140-250/30	140-250/30	140-250/30
<b>Alarm level (mm)</b>	180-290	180-290	180-290	180-290
<b>Max. temperature of the pumped</b>	55°C	55°C	55°C	55°C
<b>Type of impeller</b>	Pro X K3 grinder	Pro X K3 grinder	Pro X K3 grinder	Pro X K3 grinder
<b>Type of activation</b>	pneumatic	pneumatic	pneumatic	pneumatic
<b>Identification and logistics</b>				
<b>Gross weight (kg)</b>	137	137	144	144
<b>Factory code</b>	CUBIC2GRSE71-1T	CUBIC2GRSE71-2T	CUBIC2GRSE71-3T	CUBIC2GRSE71-4T

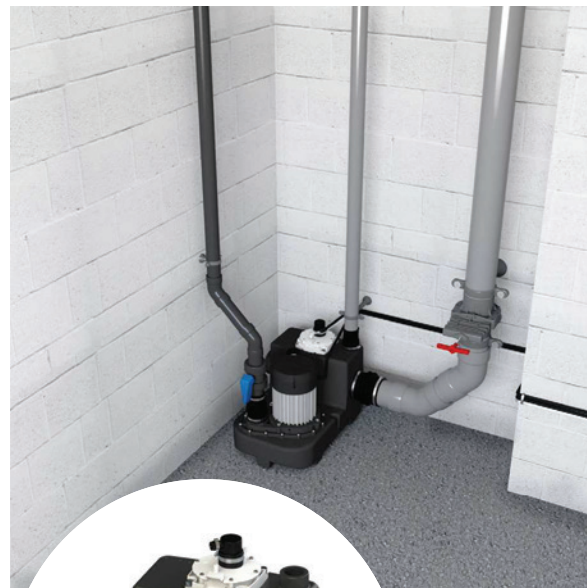


# Sanicubic 1 GR HP

## grey water, black water



The Sanicubic 1 GR HP high-performance lifting station is designed for pumping black waste 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 (Q0) : 18 m
- Max. Flow rate: 19 m<sup>3</sup>/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



Pro X K2 grinder



### DELIVERED AS STANDARD



Remote wired audible and visual alarm unit (5m)



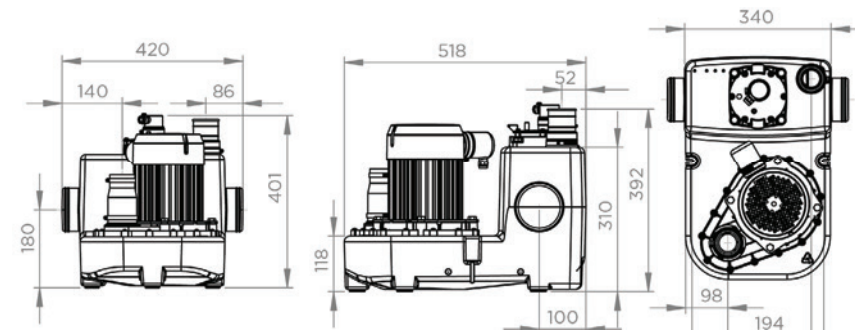
Classic control box

### OPTIONAL EXTRAS

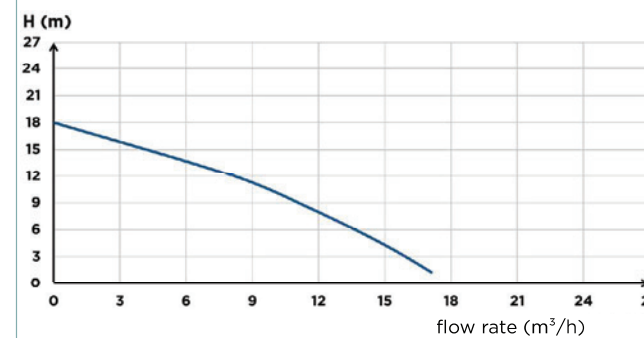


Sanicubic carbon filter  
Product code: 1108  
Barcode: 3308815077529

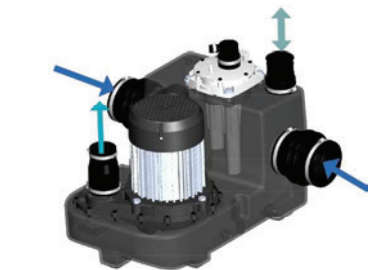
### DIMENSIONS



### CURVE



### CONNECTIONS



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

	Sanicubic 1 GR HP
Type of control box	Classic
Material	
Tank	HD PE
Pump housing	PA 12 GF
Motor housing	Aluminium
Impeller	PP GF
Electrical features	
Voltage (V)	220-240
Frequency (Hz)	50-60
Power consumption P1 (W)	2000
Mode of operation	S3 30 %
IP rating	IPX4
Hydraulics	
Max. head (m)	18
Max. flow rate (m <sup>3</sup> /h)	19
External inlet diameter (mm)	100
Discharge diameter ext. (mm)	50
Ext. ventilation diameter (mm)	50
Total volume (L)	26
Useable volume (L)	12
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	3308815089614
Product code	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 black waste water from individual homes or several 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 (Q0) : 18 m
- Max. Flow rate: 19 m<sup>3</sup>/h

### PRODUCT BENEFITS

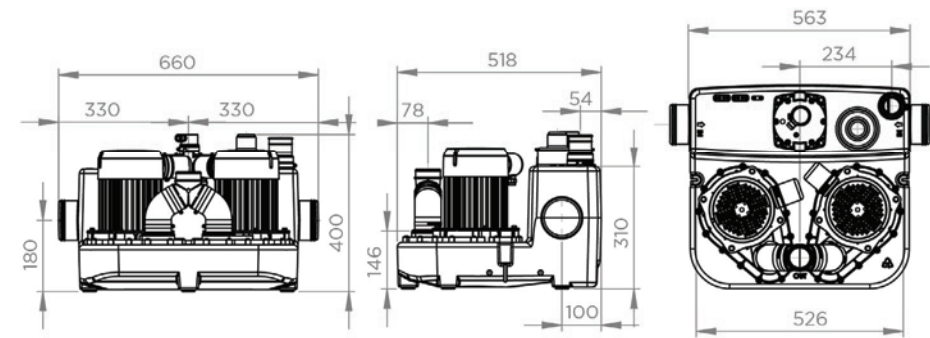
- Floor standing for ease of installation
- Easy access to the pressure switch and motor for maintenance
- Pro XK2 stainless steel grinder technology
- Can handle temperatures up to 90°C (max 5 mins)
- 2 side inlets DN 100 mm
- Non-return valve included
- Control box and alarm box included
- 2 independent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



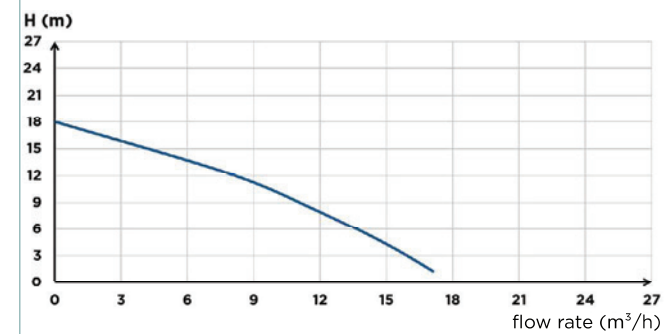
Pro X K2 grinder



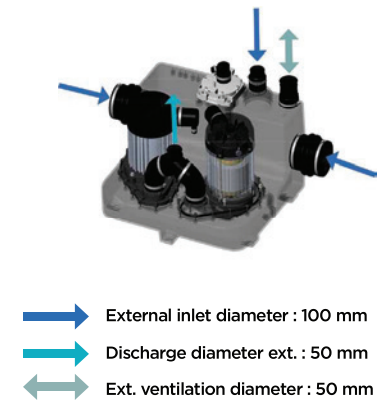
### DIMENSIONS



### CURVE



### CONNECTIONS



	Sanicubic 2 GR HP
Type of control box	Classic
Material	
Tank	HD PE
Pump housing	PA 12 GF
Motor housing	Aluminium
Impeller	PP GF
<b>Electrical features</b>	
Voltage (V)	220-240
Frequency (Hz)	50-60
Power consumption P1 (W)	2 x 2000
Mode of operation	S3 50 %
IP rating	IPX4
<b>Hydraulics</b>	
Max. head (m)	18
Max. flow rate (m <sup>3</sup> /h)	19
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
<b>Identification and logistics</b>	
EAN code	3308815090122
Product code	30017

### DELIVERED AS STANDARD



Remote wired audible and visual alarm unit (5m)



Classic control box

### OPTIONAL EXTRAS



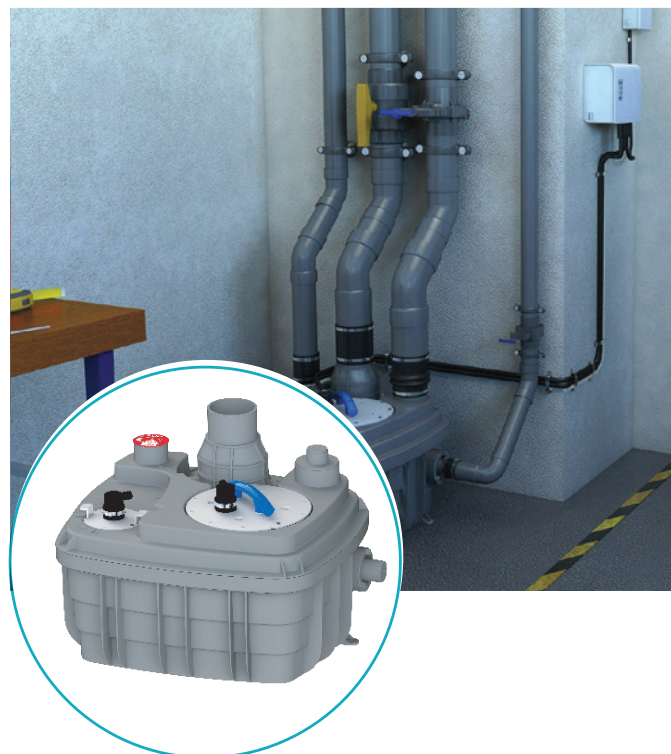
Sanicubic carbon filter  
Product code: 1108  
Barcode: 3308815077529



# Sanicubic 1 VX

grey water, black water

Sanicubic 1 VX is a lifting station with one vortex pump. It is designed for lifting waste water from houses or small commercial premises. 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 (Q0) : 13.5 m
- Max. Flow rate: 40m<sup>3</sup>/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



## DELIVERED AS STANDARD



Classic control box



Remote wired audible and visual alarm unit (5m)

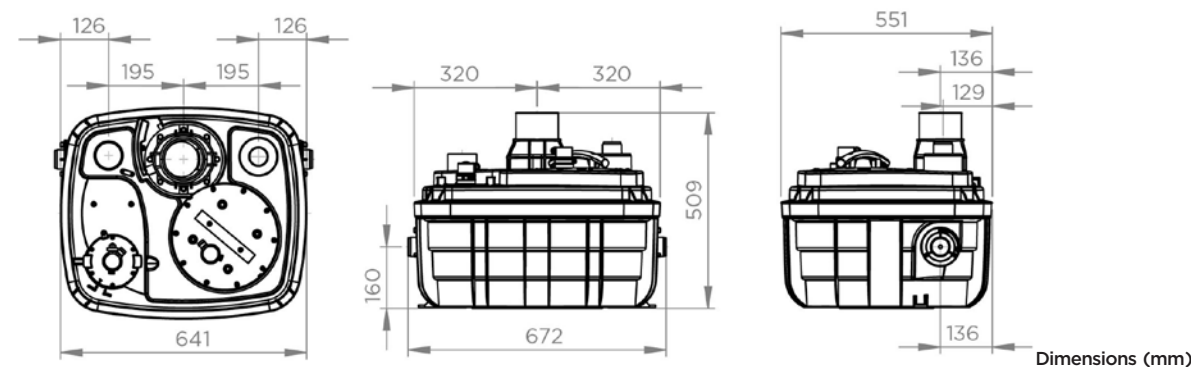
## OPTIONAL EXTRAS

Sanicubic XL carbon filter

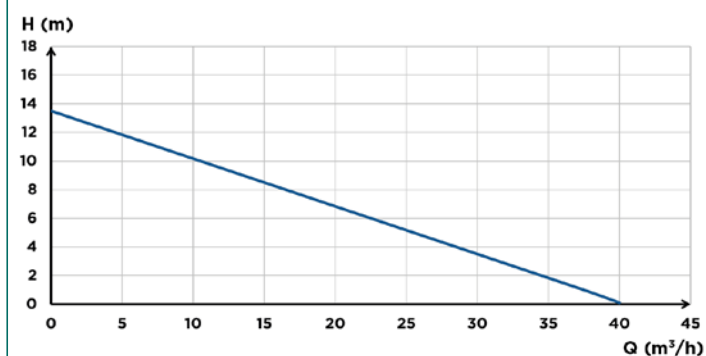


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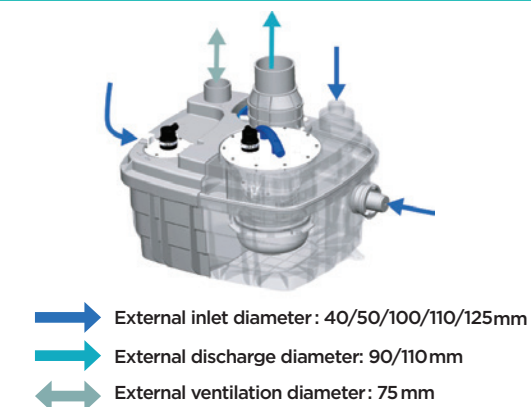
## DIMENSIONS



## CURVE



## CONNECTIONS



Sanicubic 1 VX	
Type of control box	Classic
Material	
Tank	PP GF
Pump housing	PA 12 GF
Motor housing	PA 12 GF
Impeller	PPO GF
Electrical features	
Voltage (V)	230
Power consumption P1 (W)	2000
Mode of operation	S3 15%
IP rating	IP68
Hydraulics	
Total head (m)	13.5
Max. flow rate (m <sup>3</sup> /h)	40
External inlet diameter (mm)	40/50/100/110/125
External discharge diameter (mm)	90/110
External ventilation diameter (mm)	75
Total volume (L)	60
Useable volume (L)	21
ON level /OFF level (mm)	165/95
Alarm level (mm)	235
Particle size (mm)	50
Max. temperature of the pumped liquid (5 min)	70°C
Type of impeller	vortex
Type of activation	pneumatic
Identification and logistics	
Gross weight (kg)	30
Factory code	CUBIC1XLVX

# 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 giving 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 2 versions: single phase or TRI SMART. The lifting station comes with a remote control box and alarm or with the smart control box and alarm.



### PERFORMANCE

- Max. Head (Q0) : 16 m
- Max. Flow rate: 55 m<sup>3</sup>/h

DEPENDING ON MODEL

### 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



### DELIVERED AS STANDARD (Depending on model chosen)



Classic control box



Remote wired audible and visual alarm unit (5m)



SMART control box

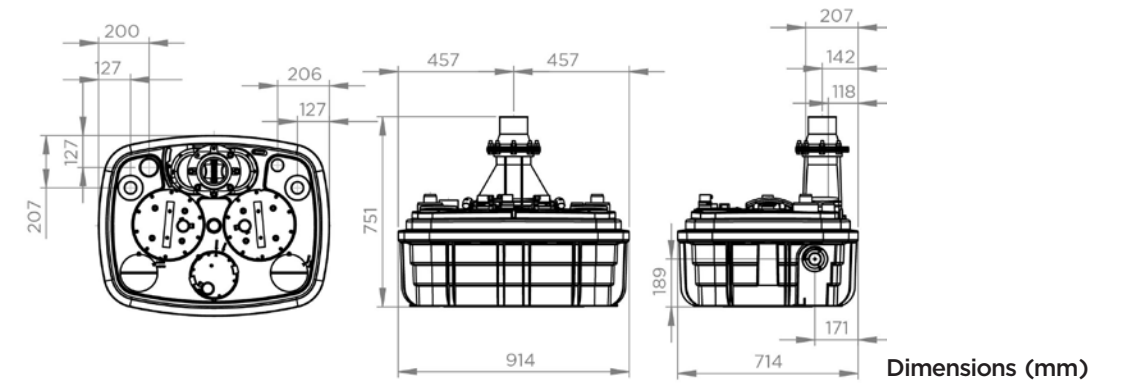
### OPTIONAL EXTRAS

Sanicubic XL carbon filter

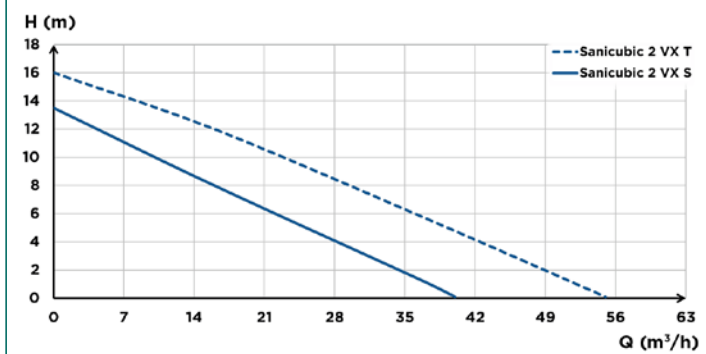


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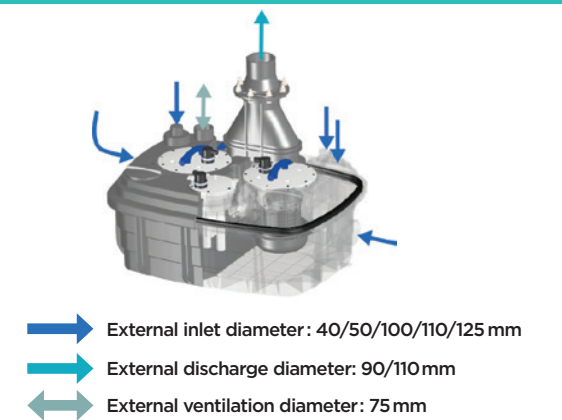
### DIMENSIONS



### CURVE



### CONNECTIONS



	Sanicubic 2 VX S	Sanicubic 2 VX T Smart
Type of control box	Classic	Smart
Material		
Tank	PP GF	PP GF
Pump housing	PA 12 GF	PA 12 GF
Motor housing	PA 12 GF	PA 12 GF
Impeller	PPO GF	PPA GF
Electrical features		
Voltage (V)	230	400
Frequency (Hz)	50-60	50-60
Power consumption P1 (W)	2 x 2000	2 x 3500
Mode of operation	S3 30%	S3 15%
IP rating	IP68	IP68
Hydraulics		
Total head (m)	13.5	16
Max. flow rate (m <sup>3</sup> /h)	40	55
External inlet diameter (mm)	40/50/100/110/125	40/50/100/110/125
External discharge diameter (mm)	90/110	90/110
External ventilation diameter (mm)	75	75
Total volume (L)	120	120
Useable volume (L)	26	26
ON level /OFF level (mm)	165/95	165/95
Alarm level (mm)	235	235
Particle size (mm)	50	50
Max. temperature of the pumped liquid (5 min)	70°C	70°C
Type of impeller	vortex	vortex
Type of activation	pneumatic	pneumatic
Identification and logistics		
Gross weight (kg)	101	102
Factory code	CUBIC2XLVX	CUBIC2XLVX



# Sanicubic 1 SC

## grey water, black water

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 is delivered with a pneumatic remote control box including an audible and visual alarm.



### PERFORMANCES

- Max. Head (Q0): 22 m
- Max. Flow rate: 165 m<sup>3</sup>/h

### PRODUCT BENEFITS

- Installation without excavation.
- Accessibility in case of maintenance.
- 1 inlet DN150.
- 3-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 tailor-made installation.



single-channel



### DELIVERED AS STANDARD

Control boxes ZPS - single

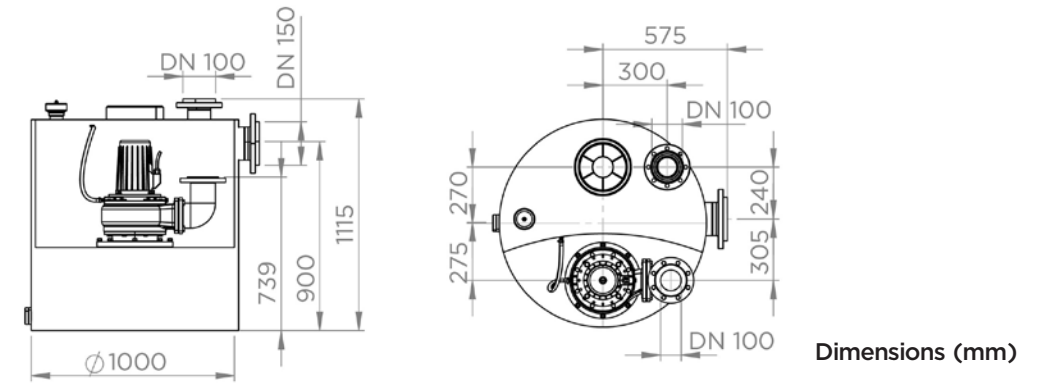


### OPTIONAL EXTRAS

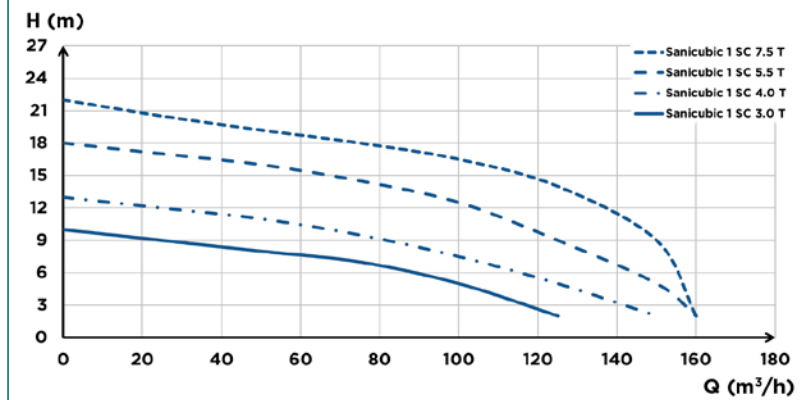


Sanicubic carbon filter

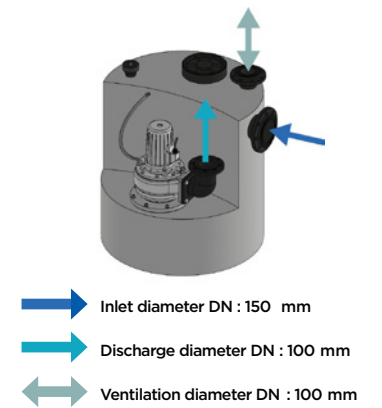
### DIMENSIONS



### CURVE



### CONNECTIONS



	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 case	ZPS 1 case	ZPS 1 case	PS2 System case
Material				
Tank	PE HD	PE HD	PE HD	PE HD
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
Mode of operation	S3 25%	S3 25%	S3 25%	S3 25%
IP rating	IP68	IP68	IP68	IP68
Hydraulics				
Total head (m)	10	13	18	22
Max. flow rate (m <sup>3</sup> /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
Factory code	CUBIC1SC3-0T	CUBIC1SC4-0T	CUBIC1SC5-5T	CUBIC1SC7-5T

# 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.



## PERFORMANCES

- Max. Head (Q0): 22 m
- Max. Flow rate: 165 m<sup>3</sup>/h

### DEPENDING ON MODEL

## 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 SC7.5 T
- Tank customisation on request (tank volume up to 20000 L and number of inlets)
- Optional mounting accessories available - see accessories page



single-channel



## DELIVERED AS STANDARD

ZPS control boxes - two-pump

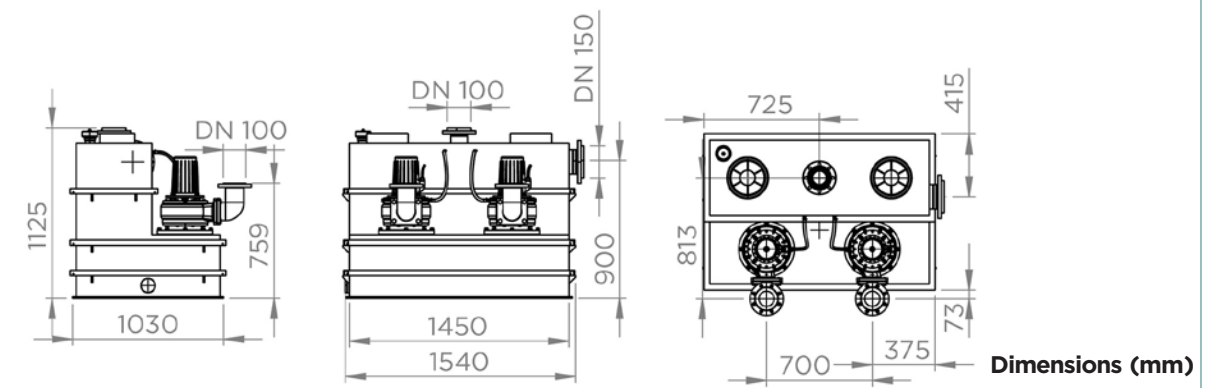


## OPTIONAL EXTRAS

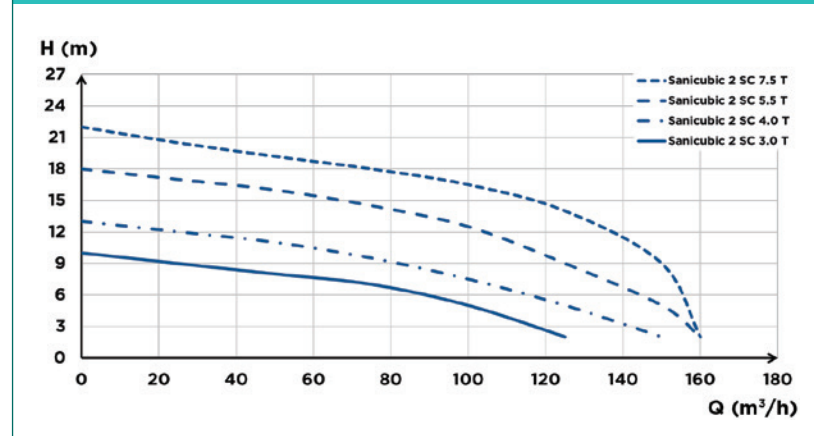


Sanicubic carbon filter

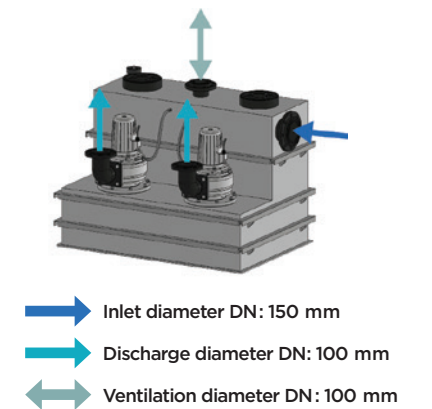
## DIMENSIONS



## CURVE



## CONNECTIONS



	Sanicubic 2 SC3.0 T	Sanicubic 2 SC4.0 T	Sanicubic 2 SC5.5 T	Sanicubic 2 SC7.5 T
<b>Type of control box</b>	ZPS 2 case	ZPS 2 case	ZPS 2 case	PS2 System case
<b>Material</b>				
<b>Tank</b>	PE HD	PE HD	PE HD	PE HD
<b>Pump housing</b>	GG-20	GG-20	GG-20	GG-20
<b>Motor housing</b>	GG-20	GG-20	GG-20	GG-20
<b>Impeller</b>	GG-20	GG-20	GG-20	GG-20
<b>Electrical features</b>				
<b>Voltage (V)</b>	400	400	400	400
<b>Frequency (Hz)</b>	50-60	50-60	50-60	50-60
<b>Power consumption P1 (W)</b>	2 x 4000	2 x 5500	2 x 6300	2 x 8700
<b>Mode of operation</b>	S3 25%	S3 25%	S3 25%	S3 25%
<b>IP rating</b>	IP68	IP68	IP68	IP68
<b>Hydraulics</b>				
<b>Total head (m)</b>	10	13	18	22
<b>Max. flow rate (m<sup>3</sup>/h)</b>	120	140	160	165
<b>Inlet diameter DN</b>	150	150	150	150
<b>Discharge diameter DN</b>	100	100	100	100
<b>Ventilation diameter DN</b>	100	100	100	100
<b>Total volume (L)</b>	1000	1000	1000	1000
<b>Useable volume (L)</b>	500	500	500	500
<b>Particle size (mm)</b>	80	80	100	100
<b>Max. temperature of the pumped liquid (5 min)</b>	55°C	55°C	55°C	55°C
<b>Type of impeller</b>	single-channel	single-channel	single-channel	single-channel
<b>Type of activation</b>	pneumatic	pneumatic	pneumatic	pneumatic
<b>Identification and logistics</b>				
<b>Gross weight (kg)</b>	370	385	400	425
<b>Factory code</b>	CUBIC2SC3-0T	CUBIC2SC4-0T	CUBIC2SC5-5T	CUBIC2SC7-5T



# INSTALLATION TIPS

for your **Sanifos**  
undeground 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

## 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.

## >> Our range of underground lifting stations

Product name	Pump	Product	Grey water	Black water	Rain water	Head (m)	Flow rate (m <sup>3</sup> /h)
<b>Sanifos 110 NEW</b> Tank volume 110 l See pages 72-73	Sanipump GR		✓	✓		14	15
<b>Sanifos 280 NEW</b> Tank volume 280 l See pages 74-75	Sanipump GR		✓	✓		14	15
	Sanipump VX		✓	✓		14	27
<b>Sanifos 610 NEW</b> Tank volume 610 l See pages 76-77	Sanipump GR 1 pump		✓	✓		14	15
	Sanipump VX 1 pump		✓	✓		14	21
<b>Sanifos 610 NEW</b> Tank volume 610 l See pages 76-77	Sanipump GR 2 pump		✓	✓		14	15
	Sanipump VX 2 pump		✓	✓		14	23
<b>Sanifos 610 NEW</b> Tank volume 610 l See pages 76-77	Sanipump VX 2 pump three-phase		✓	✓		17	29



# Installation example of an underground lifting station



## BUILDING OF 10 APARTMENTS

Bathrooms and kitchens

### ISSUE



Lifting the wastewater from the bathrooms of the first and second basement levels, as well as the bathrooms and the kitchen area on the ground floor, which are below the sewer level.

### SOLUTION



A Sanifos 610 2 VX three-phase lifting station with its 2 SANIPUMP VX 3 phases was installed to connect to the main drainage located at street level.

# SANIFOS UNDERGROUND LIFTING STATIONS INSTALLATION ADVICE

## 1 TYPE OF SOIL\*

### Before the installation of an underground lifting station.

You will need to know your soil type and where the water table is to ensure the Sanifos is buried at the right level and does not move. Sanifos lifting stations can also be installed inside the home if needed, placed above the ground.

## 2 WHERE TO INSTALL?

Sanifos lifting stations have a water inlet from 182 mm to 2450 mm (and from 2940 mm with the riser kit), allowing them to be installed where they are needed.

## 3 GOOD VENTILATION

### Why is good ventilation needed for your lifting station?

It is necessary to install ventilation in the upper part of the lifting station to ensure it works correctly.

- It removes the gases that form inside the tank
- It avoids depressurisation from the station
- There is a position on the top of the tank where a ventilation pipe can be connected

## CAUTION!

When installing a lifting station, different parameters must be taken into account and adhered to.

Standards: Our products are manufactured to meet the standards of water regulation EN12050-10 and must be installed according to the recommendations of standards EN 12056-4 and EN 752-6.

\* For any specific technical information, refer to the installation instructions or ask advice from our technical department: [kythuat@sfpumps.vn](mailto:kythuat@sfpumps.vn)

# UNDERGROUND LIFTING STATIONS

## WHY SANIFOS?

In order to save space in the home and for discreet operation Saniflo offers a whole range of underground lifting stations: the SANIFOS range.

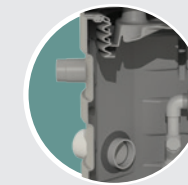
In grinder or vortex version, with 1 or 2 pumps, single-phase or three-phase motors, the range meets every requirement.



- Grinder or vortex versions (Grinder only in Sanifos 110)



- Easy installation



- Several inlets of different diameters for greater flexibility of installation



- Watertight terminal blocks for easy servicing and maintenance

## ADVANTAGES OF SANIFOS

### Reliability

- High density rotational moulded polyethylene tank with strong mechanical resistance, anti-odour, resistant to chemical attack and UV
- Motor thermal protection

### Flexibility

- Several inlets of different diameters available
- 2 ventilation openings

### Easy installation and maintenance

- Delivered with premounted hydraulic connections with isolation valves and non-return valve
- Cable gland for cable protection





# Sanifos 110

## grey water, black water

Sanifos 110 is a compact lifting station designed to lift waste water from a single-family house: WC, sink, washing machine etc. 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 benefits from the bottom of the tank being self-cleaning. Its 4 inlets of different diameters allow for flexible installation.



### PERFORMANCE

- Max. Head: 14 m
- Max. Flow rate: 11 m<sup>3</sup>/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 complete discharge kit available



### DELIVERED AS STANDARD



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

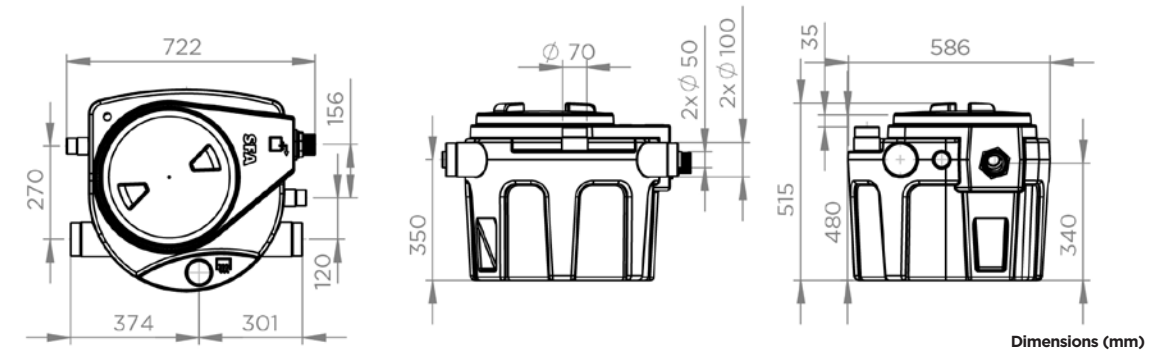


Sanipump GR S

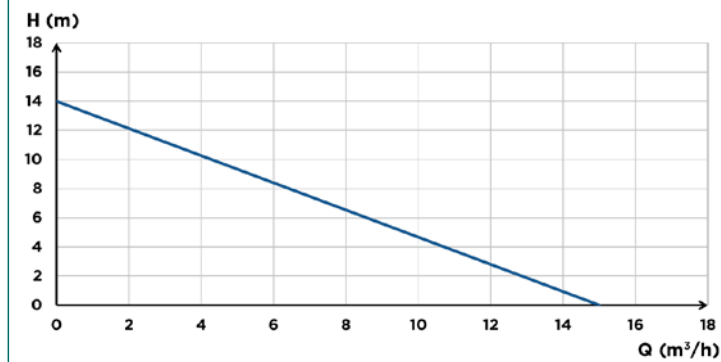


Pro X K2 grinder

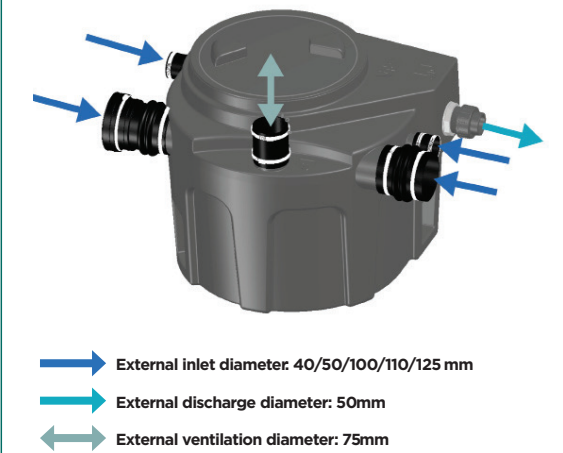
### DIMENSIONS



### CURVE



### CONNECTIONS



### Sanifos 110

Number of pumps	1
Material	
Tank	PE
Pipework	PVC
Electrical features	Sanipump GR S
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	1500
RPM (revolution per minute) ()	2800
Electrical class	I
Motor insulation class	F
Mode of operation	S3 30%
Immersion depth (m)	5
Power cable: Length (m)	10
Power cable: Type of cable, section (mm <sup>2</sup> )	H07 RN-F 3G, 1.5
Hydraulics	
Total head (m)	14
Max. flow rate (m <sup>3</sup> /h)	15
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
Factory code	SANIFOS110P

# Sanifos 280

grey water, black water



Sanifos 280 is a lifting station designed to lift the waste water from a house: 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

- Max. Head: 14 m
- Max. Flow rate: 26 m<sup>3</sup>/h

## DEPENDING ON MODEL

## PRODUCT BENEFITS

- Easy installation: preassembled elements
- Options for incoming water connections: 3 drilling zones
- 2 pump versions: grinder or vortex
- Automatic operation
- Bottom of the tank is self-cleaning
- 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, alarm box (2 pump versions only), handling chain, IP68 terminal block, cable gland

Sanipump GR S

Sanipump VX S

Pro X K2 grinder

Vortex

DEPENDING ON MODEL

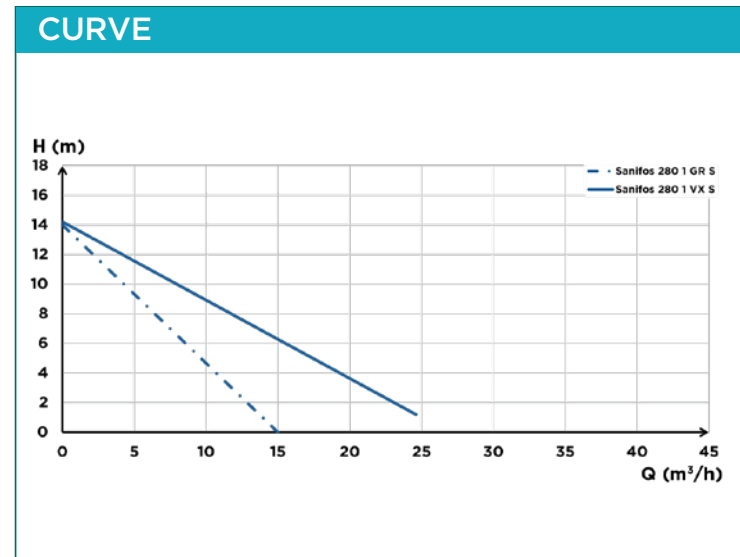
## OPTIONAL EXTRAS

Sanifos 280 extension

Sanifos Alarm for 1 pump versions if required

## DIMENSIONS

Dimensions (mm)



## CONNECTIONS

- External inlet diameter: 50/100mm
- External discharge diameter: 50mm
- External ventilation diameter: 75mm

	Sanifos 280 1GR S	Sanifos 280 1VX S
<b>Number of pumps</b>	1	1
<b>Material</b>		
<b>Tank</b>	PE	PE
<b>Pipework</b>	PVC	PVC
<b>Electrical features</b>		
<b>Voltage (V)</b>	230	230
<b>Frequency (Hz)</b>	50-60	50-60
<b>Power consumption P1 (W)</b>	1500	1500
<b>RPM (revolution per minute) (r)</b>	2800	2800
<b>Electrical class</b>	I	I
<b>Motor insulation class</b>	F	F
<b>Mode of operation</b>	S3 30%	S3 15%
<b>Immersion depth (m)</b>	5	5
<b>Power cable: Length (m)</b>	10	10
<b>Power cable: Type of cable, section (mm<sup>2</sup>)</b>	H07 RN-F 3G, 1.5	H07 RN-F 3G, 1.5
<b>Hydraulics</b>		
<b>Total head (m)</b>	14	14
<b>Max. flow rate (m<sup>3</sup>/h)</b>	15	27
<b>External inlet diameter (mm)</b>	50/100	50/100
<b>External discharge diameter (mm)</b>	50	63
<b>External ventilation diameter (mm)</b>	75	75
<b>Total volume (L)</b>	280	280
<b>Min. incoming water connection (mm)</b>	180	180
<b>Max. incoming water connection (mm)</b>	585	585
<b>Type of impeller</b>	Pro X K2 grinder	vortex
<b>Type of activation</b>	float	float
<b>Identification and logistics</b>		
<b>Gross weight (kg)</b>	55	55
<b>Factory code</b>	<b>SANIFOS280GRS</b>	<b>SANIFOS280VORTEX</b>



# Sanifos 610

grey water, black water



Sanifos 610 is a lifting station designed to lift rainwater and sewage 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 valves and non-return valve(s). The 2-pump versions come with an interactive monitoring system: the SMART control box.



## PERFORMANCE

- Max. Head: 14 m
- Max. Flow rate: 26 m<sup>3</sup>/h

DEPENDING ON MODEL

## PRODUCT BENEFITS

- Easy installation: pre-mounted pipework
- 4 drilling zones available for incoming water solutions
- 5 versions available: single or dual pump, single or three phase
- 2 types of pump available, either grinder or vortex
- Smart control box is available as an option



## 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, alarm box (2 pump versions only), handling chain, waterproof terminal block, cable gland, smart control box (with 2 pump versions)

Sanipump VX S

Sanipump GR S

Vortex

Pro X K2 grinder

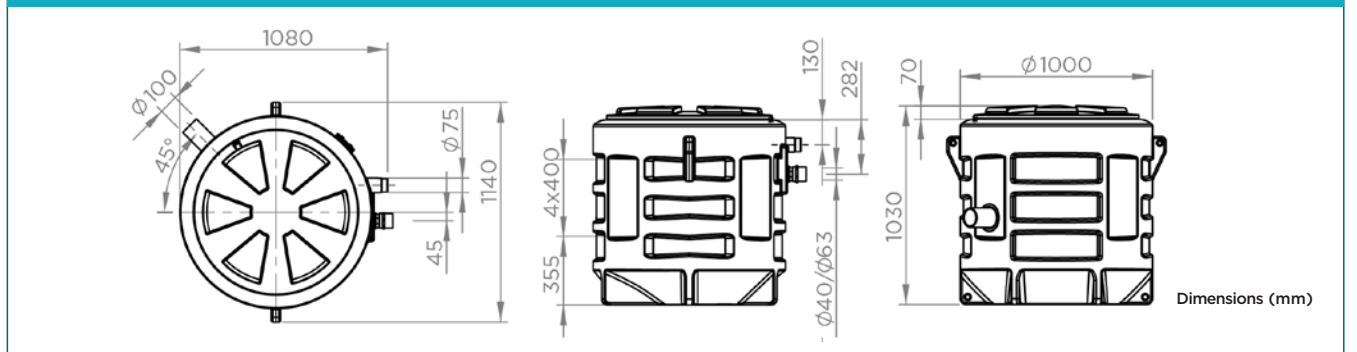
DEPENDING ON MODEL

## OPTIONAL EXTRAS

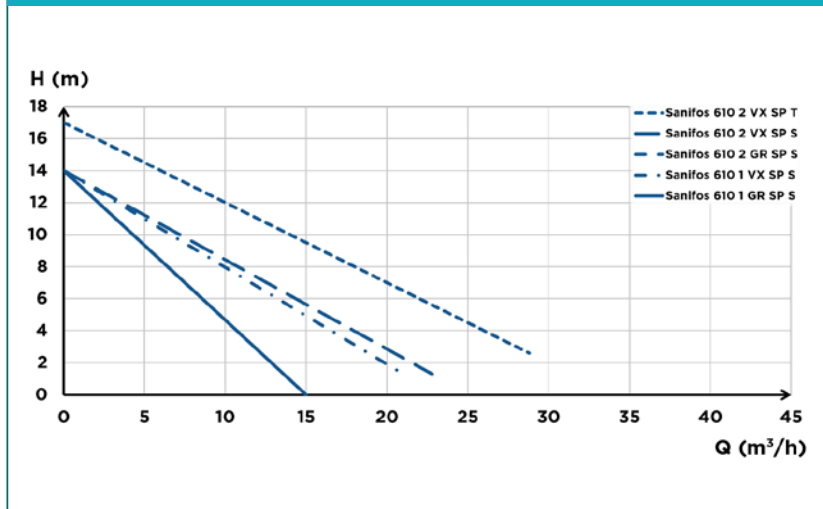
Sanifos 610 extension

Sanifos Alarm for 1 pump versions if required

## DIMENSIONS



## CURVE



## CONNECTIONS



	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
<b>Type of control box</b>			Smart	Smart	Smart
<b>Number of pumps</b>	1	1	2	2	2
<b>Material</b>					
<b>Tank</b>	PE	PE	PE	PE	PE
<b>Pipework</b>	PVC	PVC	PVC	PVC	PVC
<b>Electrical features</b>					
<b>Voltage (V)</b>	230	230	230	230	400
<b>Frequency (Hz)</b>	50-60	50-60	50-60	50-60	50-60
<b>Power consumption P1 (W)</b>	1500	1500	2 x 1500	2 x 1500	2 x 2800
<b>RPM (revolution per minute) (r)</b>	2800	2800	2800	2800	2900
<b>Electrical class</b>	I	I	I	I	I
<b>Motor insulation class</b>	F	F	F	F	F
<b>Mode of operation</b>	S3 30%	S3 15%	S3 30%	S3 15%	-
<b>Immersion depth (m)</b>	5	5	5	5	5
<b>Power cable: Length (m)</b>	10	10	10	10	2.5
<b>Power cable: Type of cable, section (mm<sup>2</sup>)</b>	H07 RN-F 3G, 1.5	H07 RN-F 3G, 1.5	H07 RN-F 3G, 1.5	H07 RN-F 3G, 1.5	H07 RN-F 5G, 2.5
<b>Hydraulics</b>					
<b>Total head (m)</b>	14	14	14	14	17
<b>Max. flow rate (m<sup>3</sup>/h)</b>	15	21	15	23	29
<b>External inlet diameter (mm)</b>	50/100	50/100	50/100	50/100	50/100
<b>External discharge diameter (mm)</b>	50	63	50	63	63
<b>External ventilation diameter (mm)</b>	75	75	75	75	75
<b>Total volume (L)</b>	610	610	610	610	610
<b>Useable volume (L)</b>	150	160	170	170	170
<b>Alarm level (mm)</b>			570	570	570
<b>Min. incoming water connection (mm)</b>	325	325	325	325	325
<b>Max. incoming water connection (mm)</b>	670	670	670	670	670
<b>Type of impeller</b>	Pro X K2 grinder	vortex	Pro X K2 grinder	vortex	vortex
<b>Type of activation</b>	float	float	float	float	float
<b>Identification and logistics</b>					
<b>Gross weight (kg)</b>	100	100	115	115	115
<b>Factory code</b>	<b>SANIFOS610GRSPS</b>	<b>SANIFOS610VXSPS</b>	<b>SANIFOS6102GRSPS</b>	<b>SANIFOS6102VXSPS</b>	<b>SANIFOS6102VXSP T</b>

S = Single phase, T = Three phase.

# A pump for each situation

## Sanisub

Submersible pumps



## Sanipump

Pump for a pit (lifting stations)



	Product name	Product	Clear water	Rain water	Sewage		Waste water		Saline water
			Water from boreholes, wells, sumps, swimming pools Particle size <1 mm	Flood water, cellar drainage, residual water Particle size <10 mm Particle size <30 mm	Grey water	Black water	Waste from water softners (<15%)		
					Sinks, washing machines	Toilet			
Sanisub	<b>Sanipuddle</b> HMT= 7 m Q = 5,5 m <sup>3</sup> /h See pages 80-81		✓						
	<b>Sanisub 400</b> HMT= 7,5 m Q = 7 m <sup>3</sup> /h See pages 82-83		✓		✓		✓		
	<b>Sanisub Steel</b> HMT= 8 m Q = 9 m <sup>3</sup> /h See pages 84-85		✓		✓		✓		
	<b>Sanisub ZPK</b> HMT= 10 m Q = 10 m <sup>3</sup> /h <b>Sanisub ZPK 40 AV</b> HMT= 10 m Q = 10 m <sup>3</sup> /h See pages 86-87		✓		✓	✓	✓		
Sanipump	<b>Sanipump GR</b> HMT= 14 m Q = 11 m <sup>3</sup> /h <b>Sanipump VX</b> HMT= 17 m Q = 33 m <sup>3</sup> /h See pages 88-89		✓		✓		✓	✓	
	<b>Sanipump ZPG 71</b> HMT= 31 m Q = 43 m <sup>3</sup> /h See pages 90-91		✓	✓	✓	✓	✓		
	<b>Sanipump ZFS 71</b> HMT= 39 m Q = 17 m <sup>3</sup> /h See pages 92-93		✓		✓	✓	✓	✓	
	<b>Sanipump SLD 700</b> HMT= 14 m Q = 48 m <sup>3</sup> /h See pages 94-95		✓	✓	✓	✓	✓		
	<b>Sanipump VX 50 NEW</b> HMT= 16 m Q = 29 m <sup>3</sup> /h See pages 96-99		✓	✓	✓	✓	✓	✓	
	<b>Sanipump VX 65/80</b> HMT= 35 m Q = 110 m <sup>3</sup> /h See pages 100-103 <b>NEW</b>		✓	✓	✓	✓	✓	✓	



# Sanipuddle

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



7 m  
↑

## PERFORMANCES

- Max. Head: 7 m
- Max. Flow rate: 5.5 m<sup>3</sup>/h

## PRODUCT BENEFITS

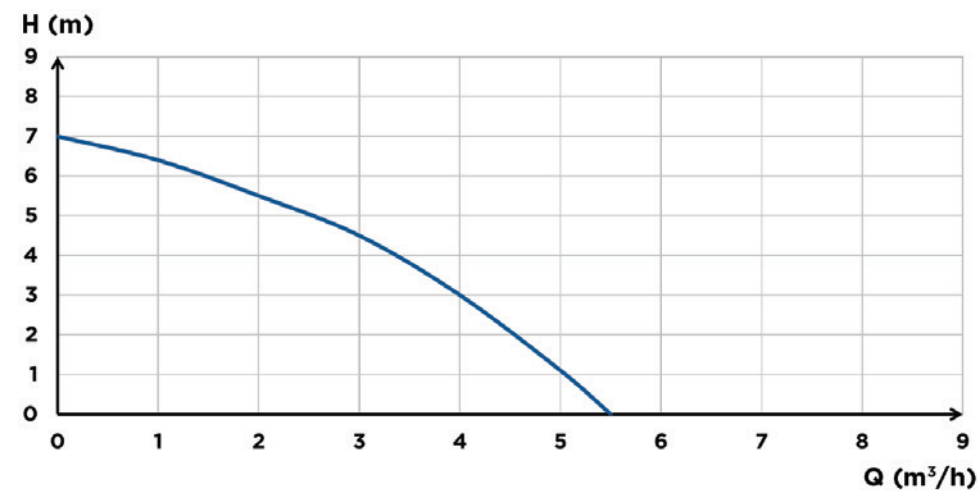
- High-quality polypropylene and stainless steel pump
- Drains up to 1 mm of water
- Double mechanical seal
- Integrated non-return valve

## PACK CONTAINS

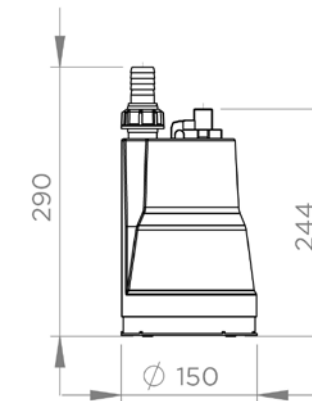
Sanipuddle pump, 10m supply cable, non-return valve



## CURVE



## DIMENSIONS



Dimensions (mm)

	Sanipuddle
<b>Material</b>	
Shaft	Stainless steel
Pump housing	PP GF
Waterproofing	carbon/ceramic/NBR
Motor housing	Stainless steel
Impeller	PA 6 GF
<b>Electrical features</b>	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	300
Power output P2 (W)	160
RPM (revolution per minute)	2800
Electrical class	I
Immersion depth (m)	5
Power cable : Length (m)	10
<b>Hydraulics</b>	
Max. Head (Q0) (m)	7
Max. flow rate (m <sup>3</sup> /h)	5.5
Discharge diameter G (Inch)	1
Particle size (mm)	1
Max. temperature of the pumped liquid (5 min)	70°C
Type of impeller	multi-channel
Type of activation	manual
<b>Identification and logistics</b>	
Gross weight (kg)	3.77
Factory code	SANIPUDDLE-001

## ELECTRONIC LEVEL CONTROL FOR SANIPUDDLE



3308815083025  
**HYDRO-00048**  
Electronic level control for Sanipuddle

# Sanisub 400

Sanisub 400 is a submersible clear water pump for flood water from living rooms 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.



## PERFORMANCES

- Max. Head: 7.5 m
- Max. Flow rate: 7 m<sup>3</sup>/h

## PRODUCT BENEFITS

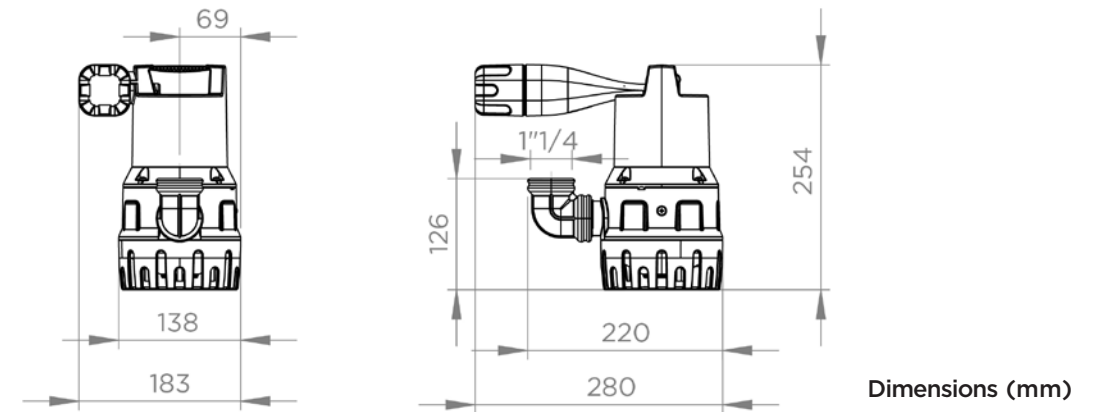
- Automatic activation
- 7 m immersion depth
- 5 mm suction without drain
- 10 mm particle size
- Integrated non-return valve
- Float lock ring included

## PACK CONTAINS

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

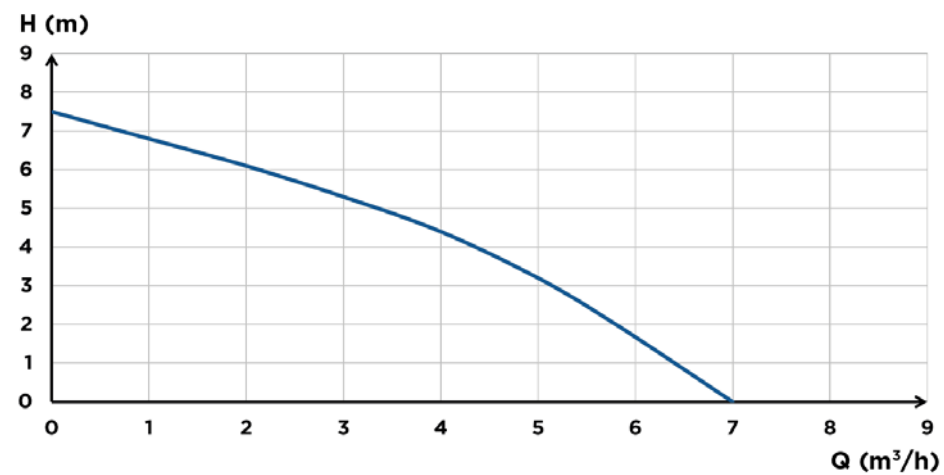


## DIMENSIONS



	Sanisub 400
<b>Material</b>	
Shaft	Stainless steel
Pump housing	PP GF
Waterproofing	NBR
Motor housing	Stainless steel
Impeller	PA 6 GF
<b>Electrical features</b>	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	400
Power output P2 (W)	180
RPM (revolution per minute)	2800
Electrical class	I
Immersion depth (m)	7
Power cable : Length (m)	10
<b>Hydraulics</b>	
Max. Head (GO) (m)	7.5
Max. flow rate (m <sup>3</sup> /h)	7
Discharge diameter G (inch)	1 1/4
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
<b>Identification and logistics</b>	
Gross weight (kg)	4.6
Factory code	SANISUB-005

## CURVE





# Sanisub Steel 50A

Sanisub Steel is a cellar pump designed for lifting clear, lightly contaminated water: basins, 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 grain size of 10 mm and a maximum temperature of 70°C.



## PERFORMANCES

- Max. Head: 8 m
- Max. Flow rate: 9 m<sup>3</sup>/h

## PRODUCT BENEFITS

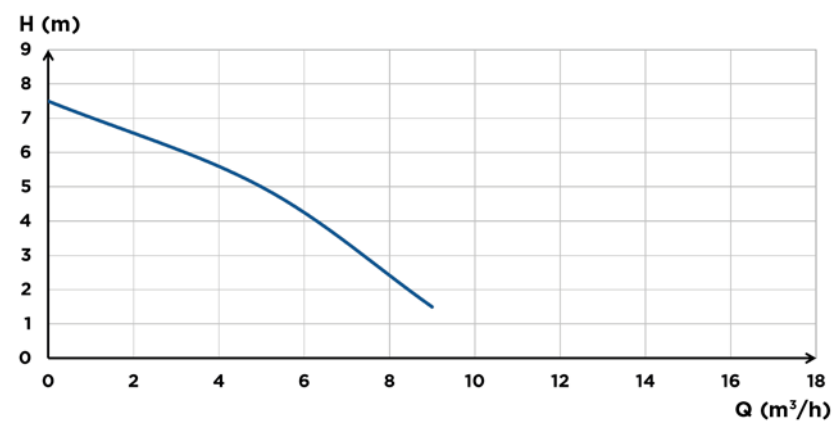
- 10 mm grain size.
- 7.5 m lifting height.
- Optimised cooling.
- Modular connection via cable eye.
- Also available with emergency kit.

## PACKAGING

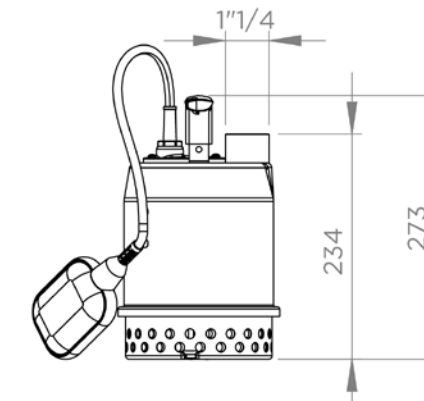
10 m supply cable



## CURVE



## DIMENSIONS



Dimensions (mm)

	Sanisub Steel 50A
<b>Material</b>	
Shaft	Stainless steel
Pump housing	Stainless steel
Waterproofing	carbon/ceramic
Motor housing	Stainless steel
Impeller	PPO GF
<b>Electrical features</b>	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	450
Power output P2 (W)	203
RPM (revolution per minute)	2800
Electrical class	I
Motor insulation class	F
Immersion depth (m)	5
Power cable : Length (m)	10
<b>Hydraulics</b>	
Max. Head (Q0) (m)	7.5
Max. flow rate (m <sup>3</sup> /h)	9
Discharge diameter G (inch)	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
<b>Identification and logistics</b>	
Gross weight (kg)	4.5
Factory code	SANISUBSTEEL-001

# Sanisub ZPK

Sanisub ZPK is a cellar pump available in 2 models designed for pumping lightly laden water: cellars, garages and rainwater manholes.

It is resistant to 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 grain 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.



## PERFORMANCES

- Max. Head: 10 m
- Max. Flow rate: 10 m<sup>3</sup>/h

## PRODUCT BENEFITS

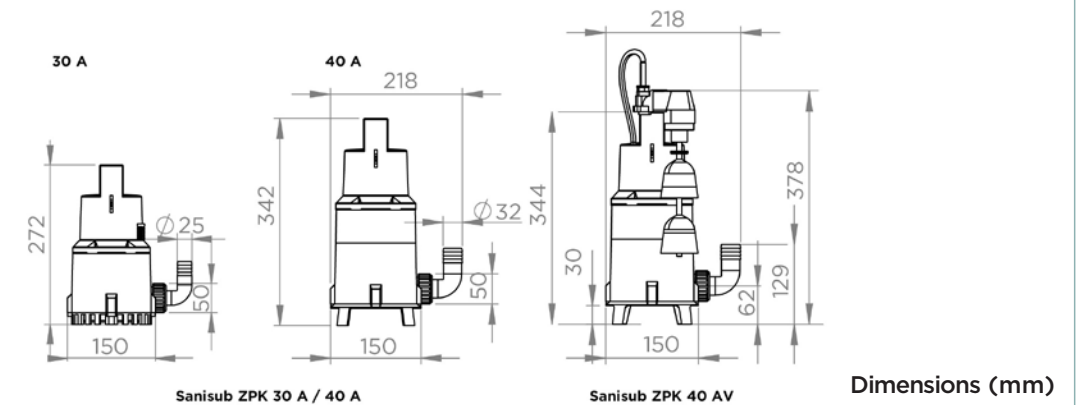
- Lifting height up to 10 m.
- Solid handling capacity of 30 mm.
- Water resistance up to 90 °C (short periods).
- Adjustable engagement height via cable eye.

## PACKAGING

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

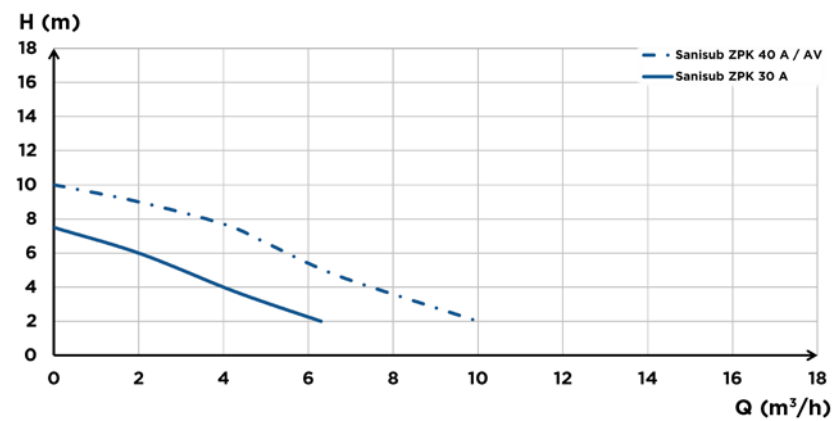


## DIMENSIONS



	Sanisub ZPK 40 A
<b>Material</b>	
Shaft	Stainless steel
Pump housing	PP GF
Waterproofing	carbon/ceramic
Motor housing	Stainless steel
Impeller	PA 6 GF
<b>Electrical features</b>	
Voltage (V)	230
Frequency (Hz)	50-60
Power consumption P1 (W)	850
Power output P2 (W)	430
RPM (revolution per minute)	2800
Electrical class	I
Immersion depth (m)	5
Power cable : Length (m)	10
<b>Hydraulics</b>	
Max. Head (Q0) (m)	10
Max. flow rate (m <sup>3</sup> /h)	10
Discharge diameter DN	32
Discharge diameter G (inch)	1 1/4
Particle size (mm)	30
Max. temperature of the pumped liquid (5 min)	90°C
Type of impeller	multi-channel
Type of activation	float
<b>Identification and logistics</b>	
Gross weight (kg)	6.43
Factory code	SANISUB-002

## CURVE





# 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

- Max head : 17 m
- Max. flow rate: 33 m<sup>3</sup>/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

Sanipump GR S



Sanipump VX S



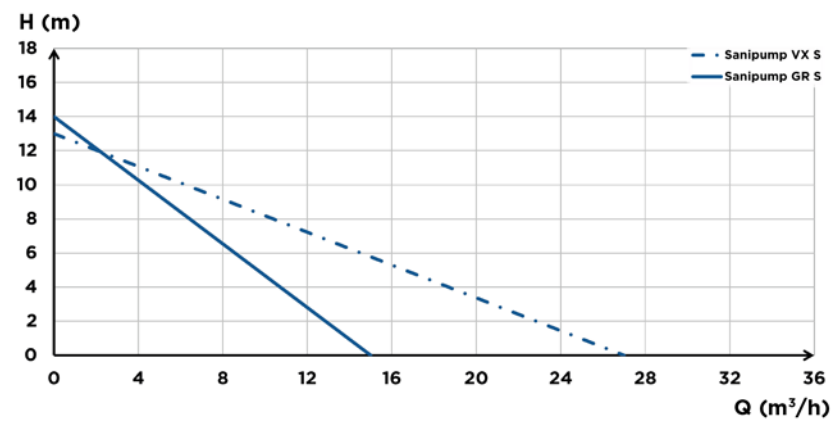
Pro X K2 grinder



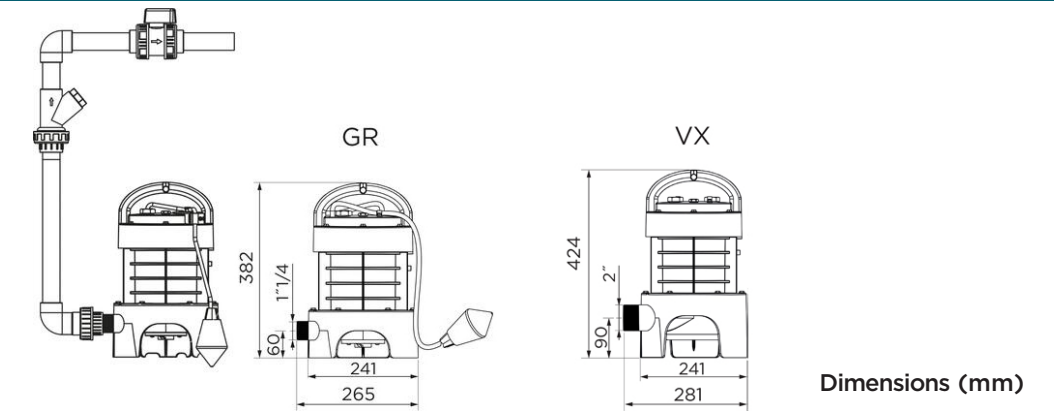
Vortex



## CURVE



## DIMENSIONS



Dimensions (mm)

	Sanipump GR S	Sanipump VX S
<b>Material</b>		
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
<b>Electrical features</b>		
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 <sup>2</sup> )	H07 RN-F 3G, 1,5	H07 RN-F 3G, 1,5
<b>Hydraulics</b>		
Total head (m)	14	13
Max. flow rate (m <sup>3</sup> /h)	15	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
<b>Identification and logistics</b>		
Gross weight (kg)	13	13
Factory code	POMPIMMERGE	POMPIMMERGEVORTEX

# 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.



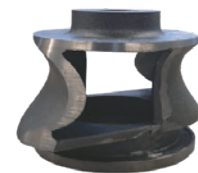
## PERFORMANCE

- Max. Head: 31 m
- Max. Flow rate: 43 m<sup>3</sup>/h

## DEPENDING ON MODEL

## PRODUCT BENEFITS

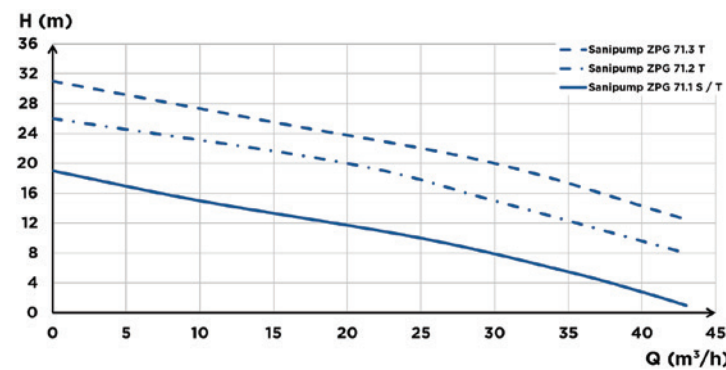
- Rainwater lifting (S1 mode, if motor fully submerged)
- integrated stand
- Bi-channel impeller
- 40 mm free passage
- Available in 4 versions



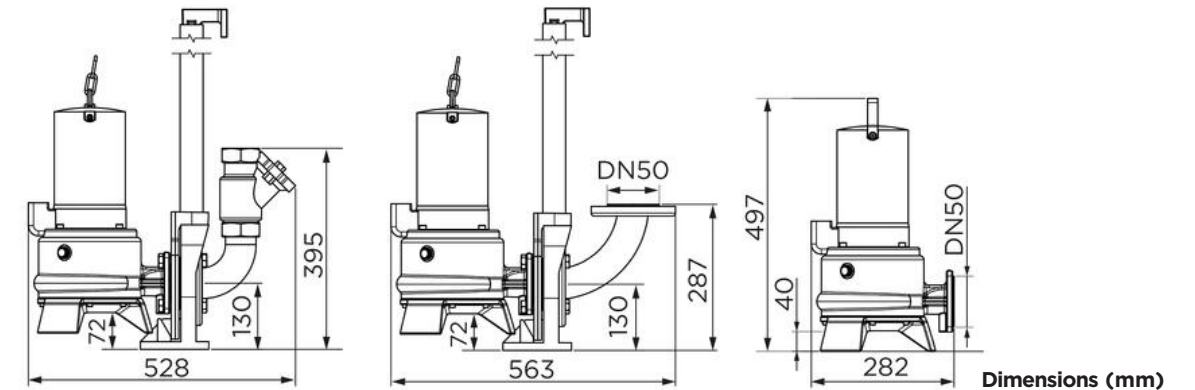
Bicanal Impeller



## CURVE



## DIMENSIONS



	Sanipump ZPG 71.1 S	Sanipump ZPG 71.1 T	Sanipump ZPG 71.2 T	Sanipump ZPG 71.3 T
<b>Material</b>				
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
Etanchéité côté moteur	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR
Etanchéité côté fluide	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR
Foot	EN-GJL-200	EN-GJL-200	EN-GJL-200	EN-GJL-200
Motor housing	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20
<b>Electrical features</b>				
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
RPM (revolution per minute)	2800	2800	2800	2800
Electrical class	I	I	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	S1BN8-F, 1.5 mm <sup>2</sup>	S1BN8-F, 1.5 mm <sup>2</sup>	S1BN8-F, 1.5 mm <sup>2</sup>	S1BN8-F, 1.5 mm <sup>2</sup>
<b>Hydraulics</b>				
Max. Head (GO) (m)	19	19	26	31
Max. flow rate (m <sup>3</sup> /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
<b>Identification and logistics</b>				
Gross weight (kg)	38	40	44	46
Factory code	ZPG-001	ZPG-002	ZPG-003	ZPG-004

## OPTIONAL EXTRAS



ZPS Control Box



Floater



# 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

- Max. head: 39 m
- Max. flow rate: 17 m<sup>3</sup>/h

## DEPENDING ON MODEL

## PRODUCT BENEFITS

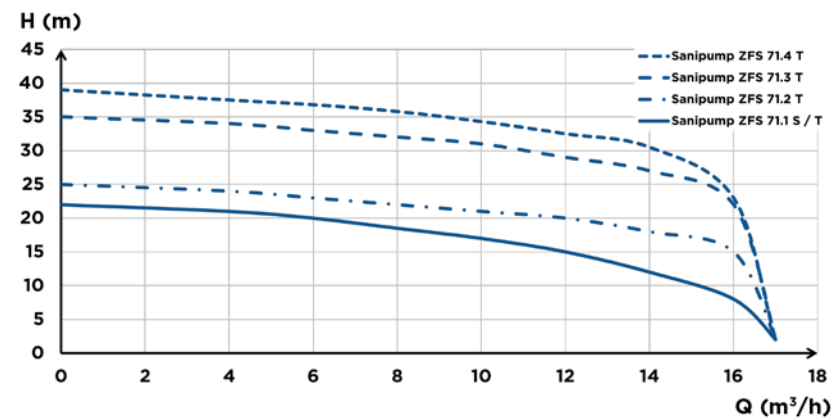
- Mode S1 (if motor fully immersed)
- ATEX pump
- 5 versions, single and three-phase
- Discharge in DN50
- Double mechanical seal



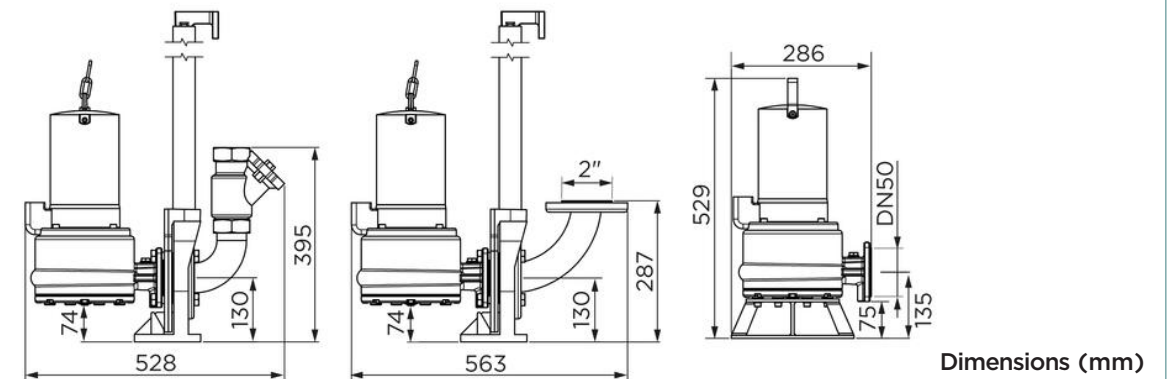
Pro X K3



## CURVE



## DIMENSIONS



Dimensions (mm)

	Sanipump ZFS 71.1 S	Sanipump ZFS 71.1 T	Sanipump ZFS 71.2 T	Sanipump ZFS 71.3 T	Sanipump ZFS 71.4 T
<b>Material</b>					
Shaft	Stainless steel	Stainless steel	Stainless steel	Stainless steel	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
Etanchéité côté moteur	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR
Etanchéité côté fluide	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR	SIC/SIC/NBR
Foot	EN-GJL-200	EN-GJL-200	EN-GJL-200	EN-GJL-200	EN-GJL-200
Motor housing	GG-20	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20	GG-20
<b>Electrical features</b>					
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
RPM (revolution per minute)	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 %	S3 40 %	S3 40 %	S3 40 %	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	S1BN8-F, 1.5 mm <sup>2</sup>	S1BN8-F, 1.5 mm <sup>2</sup>	S1BN8-F, 1.5 mm <sup>2</sup>	S1BN8-F, 1.5 mm <sup>2</sup>	S1BN8-F, 1.5 mm <sup>2</sup>
<b>Hydraulics</b>					
Max. Head (Q0) (m)	22	22	25	35	39
Max. flow rate (m <sup>3</sup> /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	Pro X K3 grinder	Pro X K3 grinder	Pro X K3 grinder	Pro X K3 grinder
<b>Identification and logistics</b>					
Gross weight (kg)	38	38	38	42	42
Factory code	ZFS-001	ZFS-002	ZFS-003	ZFS-004	ZFS-005

## OPTIONAL EXTRAS



ZPS Control Box



Floater

# Sanipump SLD 700

Sanipump SLD is a pump dedicated to high-flow rainwater up to 48 m<sup>3</sup>/h. It is available in single-phase or three-phase with a free passage of 50 mm thanks to its high-performance two-channel impeller. A version with a base foot for installation in a manhole as well as drainage kits and accessories are available. When 2 pumps are installed, it is recommended to install a ZPS control box.



## PERFORMANCES

- Max. Head: 14 m
- Max. Flow rate: 48 m<sup>3</sup>/h

## PRODUCT BENEFITS

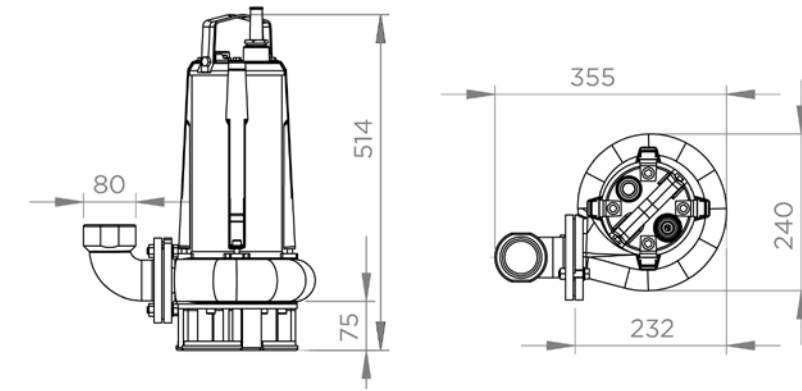
- Submerged S1 mode.
- Rainwater discharge.
- Bi-channel wheel with 50 mm free passage.
- Single-phase or three-phase versions.
- Foot or coupling system.



Bicanal Impeller



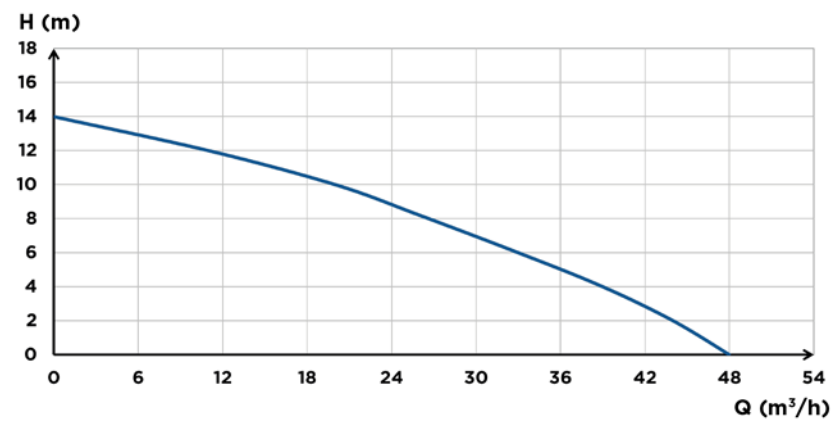
## DIMENSIONS



Dimensions (mm)

	Sanipump SLD 700 S	Sanipump SLD 700 SA	Sanipump SLD 700 T
<b>Material</b>			
Shaft	Stainless steel	Stainless steel	Stainless steel
Pump housing	GG-20	GG-20	GG-20
Waterproofing	carbon/ceramic/NBR	carbon/ceramic/NBR	carbon/ceramic/NBR
Foot	EN-GJL-200	EN-GJL-200	EN-GJL-200
Motor housing	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20
<b>Electrical features</b>			
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	I
Motor insulation class	F	F	F
Submerged	S1	S1	S1
Immersion depth (m)	20	20	20
Power cable : Length (m)	10	10	10
<b>Hydraulics</b>			
Max. Head (GO) (m)	14	14	14
Max. flow rate (m <sup>3</sup> /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	
<b>Identification and logistics</b>			
Gross weight (kg)	32,5	32,8	31
Factory code	SLD-001	SLD-002	SLD-003

## CURVE



## OPTIONAL EXTRAS



ZPS Control Box







# 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

- Max. Head: 16 m
- Max. Flow rate: 29 m<sup>3</sup>/h

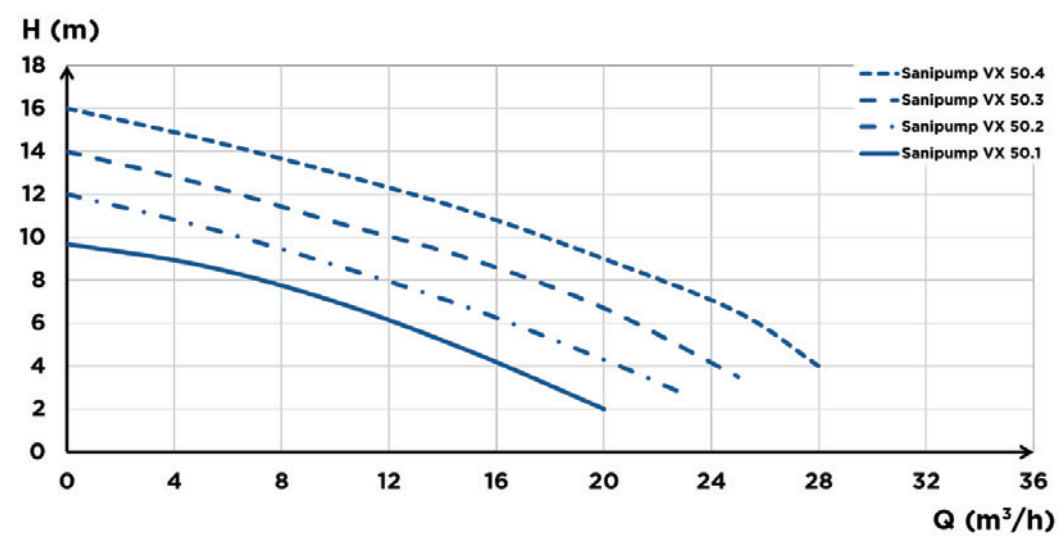
## PRODUCT BENEFITS

- Vortex impeller
- DN 50 outlet
- 12 versions, single and three-phase
- S1 mode (if motor fully submersed)
- Available in transportable or stationary version



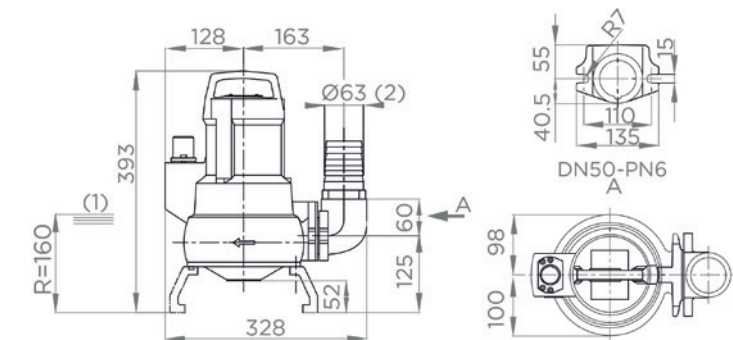
Vortex Impeller

## CURVE



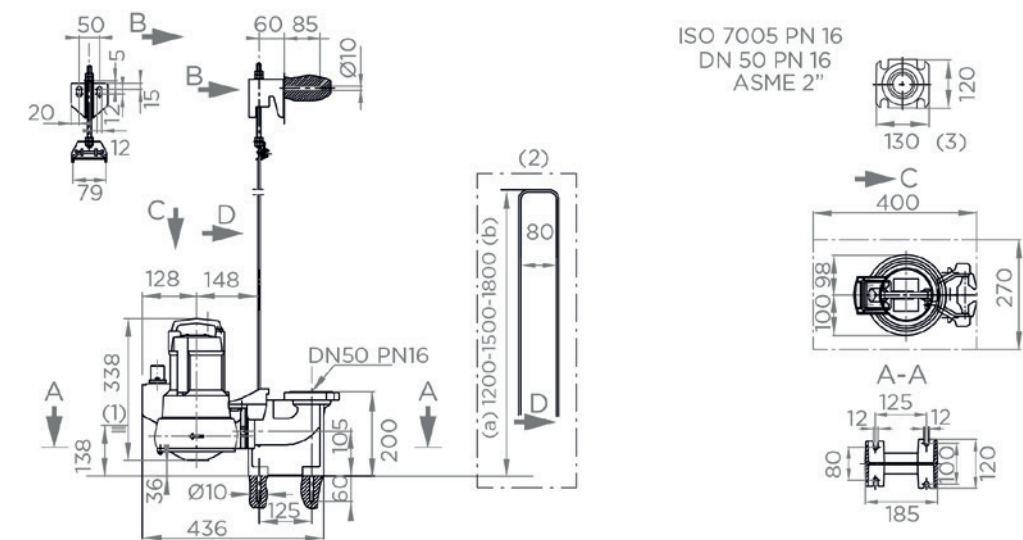
## DIMENSIONS

### Installation with the transportable kit



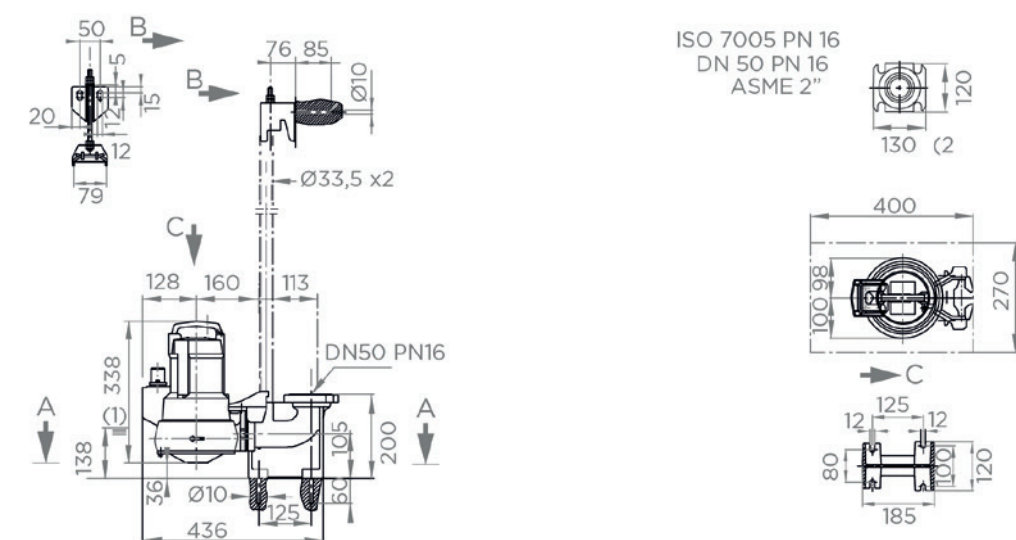
(1) Lowest stopping point (2) Diameter of inner flexible hose: 63mm

### 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
<b>Material</b>						
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/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
<b>Electrical features</b>						
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 <sup>2</sup>	H07 RN8-F, 3x1 mm <sup>2</sup>	H07 RN8-F, 4x1 mm <sup>2</sup>	H07 RN8-F, 3x1 mm <sup>2</sup>	H07 RN8-F, 3x1 mm <sup>2</sup>	H07 RN8-F, 4x1 mm <sup>2</sup>
<b>Hydraulics</b>						
Max. head (m)	9	9	9	12	12	12
Max. flow rate (m <sup>3</sup> /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	40 °C	40 °C	40 °C	40 °C	40 °C
Type of impeller	Vortex	Vortex	Vortex	Vortex	Vortex	Vortex
Type of activation	-	Float	-	-	Float	-
<b>Identification and logistics</b>						
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
<b>Material</b>						
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/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
<b>Electrical features</b>						
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 mm <sup>2</sup>	H07 RN8-F, 3x1 mm <sup>2</sup>	H07 RN8-F, 4x1 mm <sup>2</sup>	H07 RN8-F, 3x1 mm <sup>2</sup>	H07 RN8-F, 3x1 mm <sup>2</sup>	H07 RN8-F, 4x1 mm <sup>2</sup>
<b>Hydraulics</b>						
Max. head (m)	14	14	14	16	16	16
Max. flow rate (m <sup>3</sup> /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	-
<b>Identification and logistics</b>						
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)

## OPTIONAL EXTRAS


ZPS Control Box

Floater

## 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

- Max. Head: 35 m
- Max. Flow rate: 110 m<sup>3</sup>/h

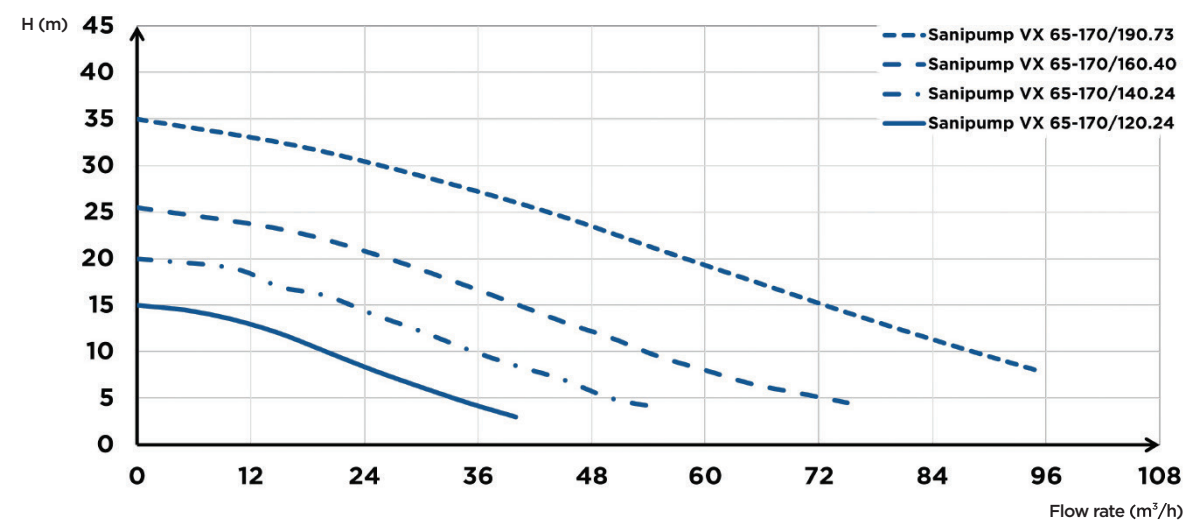
## PRODUCT BENEFITS

- Vortex impeller
- DN 50 outlet
- 12 versions, single and three-phase
- S1 mode (if motor fully submersed)
- Available in transportable or stationary version



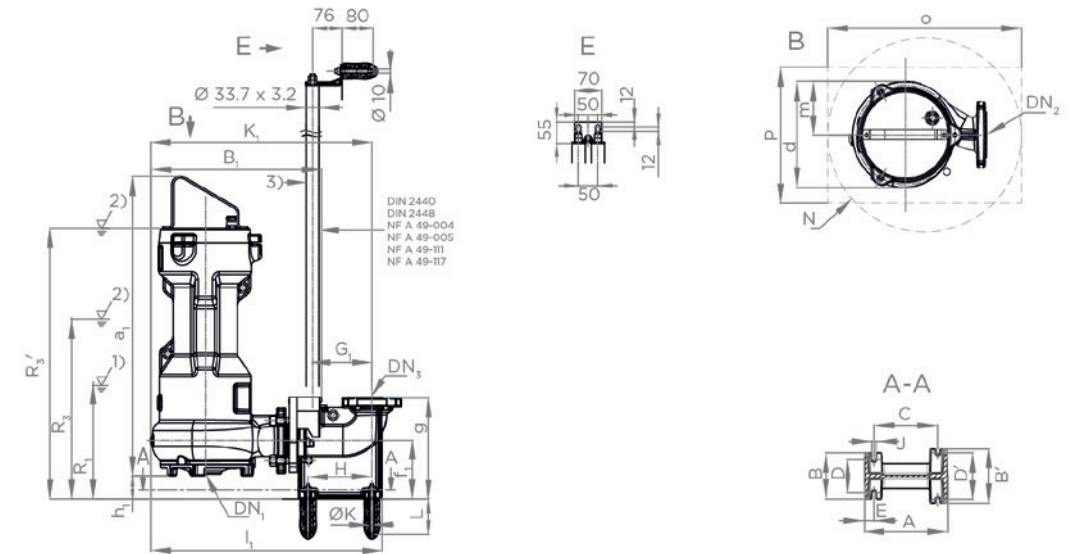
Vortex Impeller

## 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

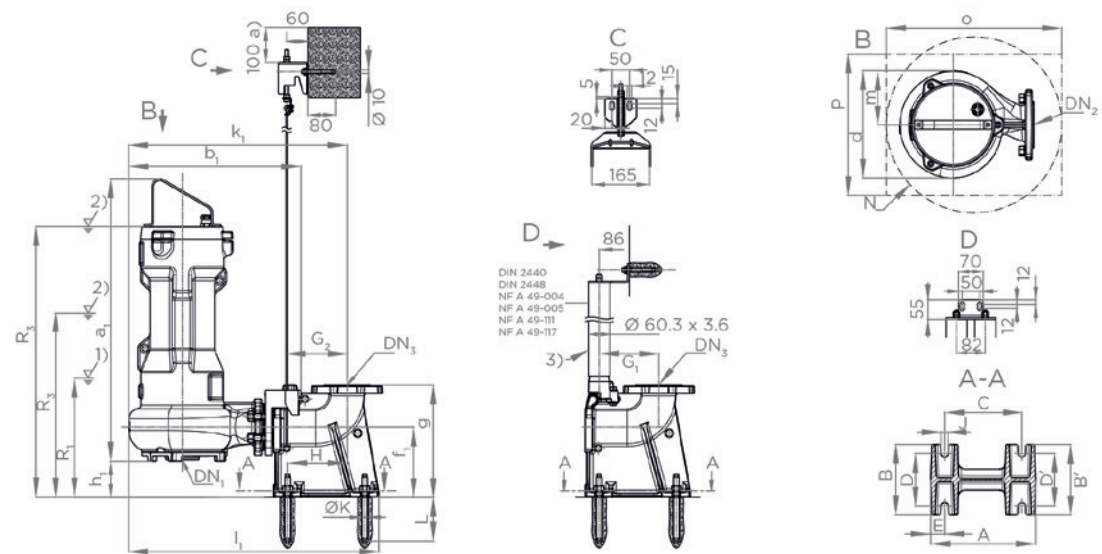
Pump unit dimensions (mm)

Pump power	DN <sub>1</sub>	DN <sub>2</sub>	a <sub>1</sub>	b <sub>1</sub>	d	D <sub>1</sub>	f <sub>1</sub>	g	g <sub>1</sub>	h <sub>1</sub>	H <sub>1</sub>	k <sub>1</sub>	k <sub>1</sub>	l <sub>1</sub>	m	Z <sub>1</sub>	R1	R3'
.24 & .40	65	65	691	440	274	170	151	261	118	60	170	569	145	595	138	4	245	636
.73	65	65	763	440	274	170	151	261	118	60	170	569	145	595	138	4	357	688

Foundation block dimensions (mm)

Pump power	DN <sub>3</sub>	A	B	B'	C	D	D'	E	G <sub>1</sub>	H	J	ØK	L	N min.	O min.	P min.
.24 & .40	65	216	120	140	165	85	120	25	153	165	12	10	90	550	550	400
.73	65	216	120	140	165	85	120	25	153	165	12	10	90	550	550	400

### 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	DN <sub>2</sub>	a <sub>1</sub>	b <sub>1</sub>	d	D <sub>1</sub>	f <sub>1</sub>	g	g <sub>1</sub>	h <sub>1</sub>	H <sub>1</sub>	k <sub>1</sub>	k <sub>1</sub>	l <sub>1</sub>	m	Z <sub>1</sub>	R1	R3'
.40	80	80	701	492	305	160	200	320	132	103	200	623	160	713	154	4	298	689
.49 & .73	80	65	774	492	305	160	200	320	132	103	200	623	160	713	154	4	411	742

Foundation block dimensions (mm)

Pump power	DN <sub>3</sub>	A	B	B'	C	D	D'	E	G <sub>1</sub>	G <sub>2</sub>	H	J	ØK	L	N min.	O min.	P min.
.40	80	300	200	200	220	150	150	40	170	173	170	20	18	125	580	580	400
.49 & .73	80	300	200	200	220	150	150	40	170	173	170	20	18	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
<b>Material</b>				
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/Al2O3	Carbon/Al2O3	Carbon/Al2O3	Carbon/Al2O3
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
<b>Electrical features</b>				
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 <sup>2</sup>	H07 RN8-F, 4x1 mm <sup>2</sup>	H07 RN8-F, 4x1 mm <sup>2</sup>	H07 RN8-F, 4x1 mm <sup>2</sup>
<b>Hydraulics</b>				
Max. head (m)	15	20	26	35
Max. flow rate (m <sup>3</sup> /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
<b>Identification and logistics</b>				
Gross weight (kg)	65	65	69	91
EAN code	3308815090252	3308815090269	3308815090276	3308815090283
Product code	31024	31025	31026	31027

	Sanipump VX 80-220/160.40	Sanipump VX 80-220/170.49	Sanipump VX 80-220/190.73
<b>Material</b>			
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/Al2O3	Carbon/Al2O3
Motor housing	EN-GJL-250	EN-GJL-250	EN-GJL-250
Impeller	EN-GJL-250	EN-GJL-250	EN-GJL-250
<b>Electrical features</b>			
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	I	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 <sup>2</sup>	H07 RN8-F, 4x1 mm <sup>2</sup>	H07 RN8-F, 4x1 mm <sup>2</sup>
<b>Hydraulics</b>			
Max. head (m)	21	24	30
Max. flow rate (m <sup>3</sup> /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
<b>Identification and logistics</b>			
Gross weight (kg)	73	91	96
EAN code	3308815090290	3308815090306	3308815090313
Product code	31028	31029	31030

### BASE FOR DN 65



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

3308815090375  
**Product code 21505**  
 Base for DN 65 2 guide bars (delivered without bar)

### 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)

### OPTIONAL EXTRAS



ZPS Control Box



Floater

### BASE FOR DN 80



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

3308815090382  
**Product code 21507**  
 Base for DN 80 2 guide bars (delivered without bar)

### BASE FOR DN 80/100



Base for DN 80/100 - Base for DN 80/100 Guide bars not supplied but the unit is compatible with 2 bars 60.3 x 3.6

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



# Accessories

## Alarm units

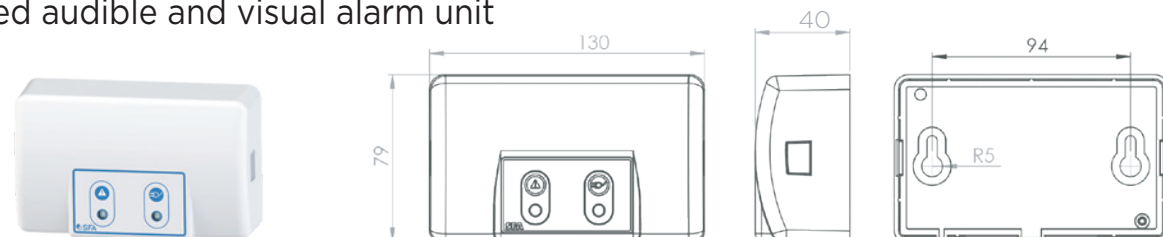
### Sanialarm



Occasional power outages, scaling of poorly maintained old appliances or even problems with clogged pipes, are all factors in significant variation of the water level permanently contained in SANITOILET or pump. To tackle this kind of unpredictability, SFA offers an efficient solution that provides instant alerts to avoid inappropriate use and take immediate action.

Product	EAN	Factory code	Compatible with
<b>Sanialarm</b>	3308810042799	-	Saniflo Sanitop Sanipro XR Sanipack Sanigrind Pro Sanibest Pro Sanispeed Sanivite  Sanialarm works with 2 1.5 V batteries (not supplied)

### Wired audible and visual alarm unit



The Sanicom 1 alarm is a 5 m long wired alarm allowing you to monitor your Sanicom 1 from another room. This alarm is powered by the station and therefore does not require an independent power supply. In case of power failure, the battery of the alarm box takes over. The alarm box can detect an abnormal water level in the tank and monitor the power supply.

- IP Rating IP44
- 5m cable

Product	Factory code	Compatible with	
Wired alarm box Sanicom 1 (5m)	BOITALARMCOM1002	Sanicom 1	optional
Remote wired audible and visual alarm unit (5m)	BOITALARMCOM2002	Sanicom 2	optional
Remote wired audible and visual alarm unit (5m)	-	Sanicubic 1 WP/1 VX/2 Classic/2 VX Sanifos 610 2 GR/610 2 VX	delivered as standard

### Sanifos wired alarm



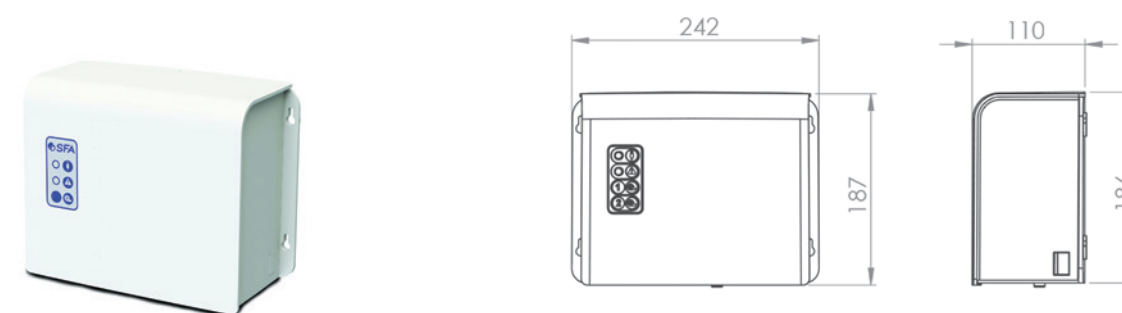
The Sanifos alarm is a kit consisting of an audible and visual alarm box and a float.

\* Float-box cable not supplied

Product	Barcode	Product code	Compatible with	
Wired alarm	3308815081625	SANIFOSALARM	Sanifos 280 (1 pump), Sanifos 610 single-phase (1 pump)	Optional

## Control Boxes

### Remote control unit (4 m cable)



The control box is delivered with a 4 m cable allowing its remote installation. It allows the monitoring of your station with the possibility of activating the forced operation. A visual and sound alarm is triggered in case of abnormally high water level in the tank or in case of power failure.

Product	Factory code	Compatible with	
Classic control Box	-	Sanicom 2 Sanicubic 1 WP Sanicubic 1 VX Sanicubic 2 Classic Sanicubic 2 VX	delivered as standard

### ZPS Control box



The ZPS control panels are available in 8 models: version for 1 or 2 pumps, single or three-phase, with pneumatic or float control. Integrated acoustic and visual alarm. Display of the operating status of the pump(s) by text messages and indicator light. Internal memory for up to 64 messages. Automatic operation with a single pump, and alternating operation with two-pump stations, with the second pump being activated when required. Level control possible by dynamic pressure. Float switch or 4-20 mA interface for external sensor. Display of operating hours, power consumption and maintenance intervals. Wall mounting provided.

Product	Factory code	Compatible with
CONTROL BOX ZPS 1 S PNEUMATIC	ZPS-001	Sanicubic 1 GR/SC, Sanipump ZFS/ZPG/SLD x1
CONTROL BOX ZPS 2 S PNEUMATIC	ZPS-002	Sanicubic 2 GR/SC, Sanipump ZFS/ZPG/SLD x2
CONTROL BOX ZPS 1 T PNEUMATIC	ZPS-003	Sanicubic 1 GR/SC, Sanipump ZFS/ZPG/SLD x1
CONTROL BOX ZPS 2 T PNEUMATIC	ZPS-004	Sanicubic 2 GR/SC, Sanipump ZFS/ZPG/SLD x2
CONTROL BOX ZPS 1 S FLOAT	ZPS-005	Sanicubic 1 GR/SC, Sanipump ZFS/ZPG/SLD x1
CONTROL BOX ZPS 2 S FLOAT	ZPS-006	Sanicubic 2 GR/SC, Sanipump ZFS/ZPG/SLD x2
CONTROL BOX ZPS 1 T FLOAT	ZPS-007	Sanicubic 1 GR/SC, Sanipump ZFS/ZPG/SLD x1
CONTROL BOX ZPS 2 T FLOAT	ZPS-008	Sanicubic 2 GR/SC, Sanipump ZFS/ZPG/SLD x2

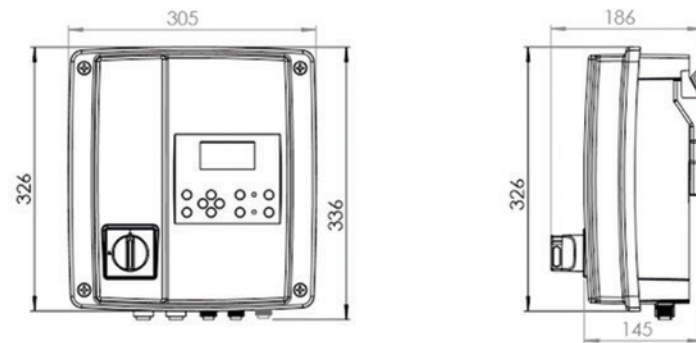
## PS 2 System Box



- The PS2 system case is built into the control cabinet door and a control unit clipped onto the rail.
- Possible to connect different level sensors.
- Complete control of pump operation via LCD display and digital potentiometer.
- 8 LEDs indicate pump status and faults.
- Dimensions: W 600 x H 600 x D 210

Product	Factory code	Compatible with	
PS2 system box	-	Sanicubic SC7.5T	delivered as standard

## Smart control box



The Smart box is a control and monitoring solution that is easy to install thanks to its connectors. Its interface is easy to use and configure the station, with a real-time view of the activity report and operating log. This control box allows the pump management settings to be modified. You can connect it to an optional Wifi alarm box to view on your smartphone via the SFA Connect application and thus obtain all alerts and contact the after-sales service in one click.

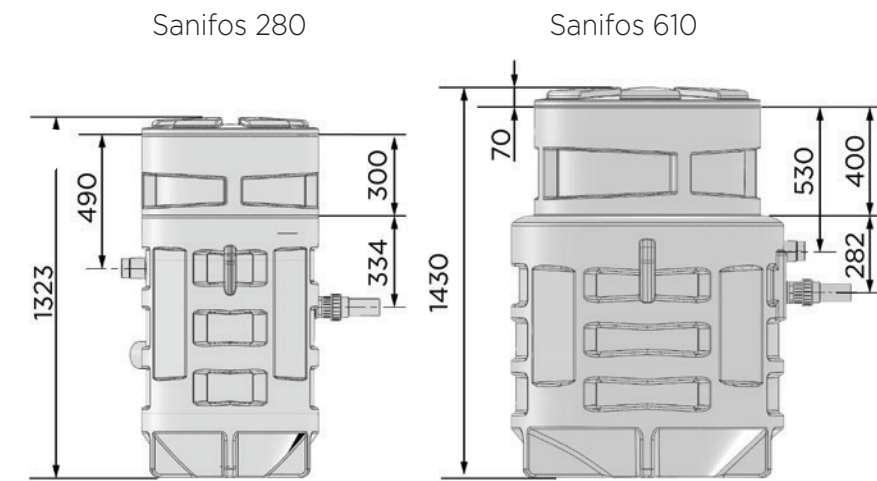
Product	EAN	Factory code	Compatible with	
SMART control box	-	-	Sanicubic 2 VX Smart Sanifos 610 dual pumps	standard

## Carbon Filters

Product name	Illustration	GR	SC	1, 2 Classic, 2 Pro, 1 VX, 2 VX	Product code	Barcode
Sanivite and Sanispeed carbon filter					-	3308815037189
Sanicubic carbon filter				<b>X (not VX)</b>	31001	3308815076867
Sanicubic carbon filter				<b>X (VX)</b>	31002	3308815076874

## Sanifos accessories

### Dimensions Sanifos 280/610 with extension



Product name	Illustration	280	610	Product code	EAN
Floater 10m				FLOT-001	3308815082691
Floater 20m				FLOT-002	3308815082707
Top cover extension for sanifos 280		X		RO250239	3308815081298
Top cover extension for sanifos 610			X	RO250100	3308815077826

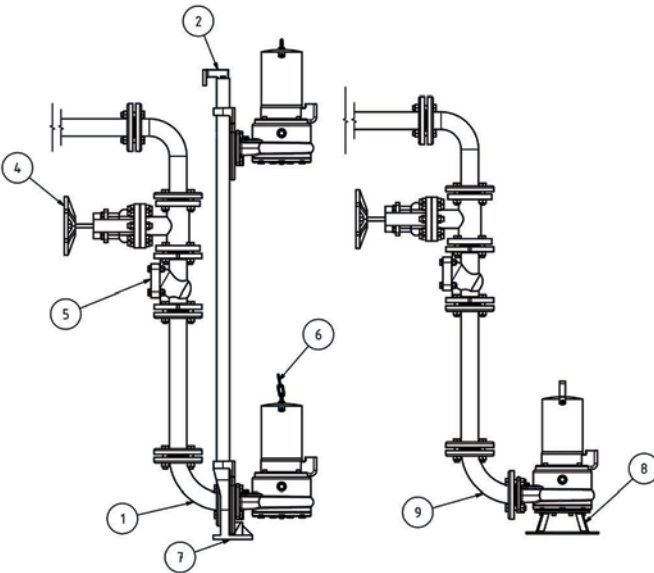


## Accessories for Sanisub, Sanipump ZFS/ZPG

### Sanipump ZFS assembly

fig. A: with rail

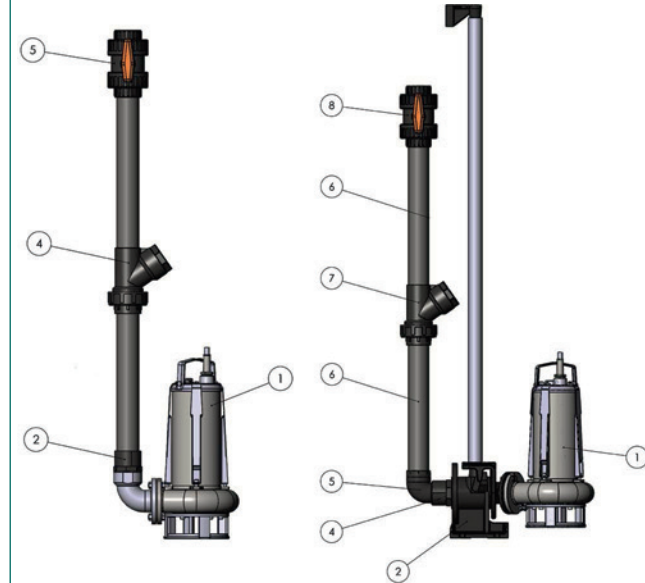
fig. B: without rail



### Sanipump SLD

fig. C: without rail

fig. D: with rail



Product name	Product	Sub Steel	Sub ZPK	ZPG	ZFS	SLD	VX 50	VX 65	VX 80	Product code	Barcode	N°
Mounting accessories DN 50 VA 16x60				X	X	X				HYDRO-00030	3308815082271	
Accessories for standard 2" drainage kit						X				KITACCESS-001	3308815084022	
Accessories for discharge kit 2" coupling system						X				KITACCESS-002	3308815084039	
Threaded flange DN50 IG 2" VZ PN10 / 16				X	X	X				HYDRO-00015	3308815082110	
Stainless steel lifting chain sold by the metre 5 mm				X	X	X	X			HYDRO-00010	3308815082066	
Stainless steel lifting chain sold by the metre 6 mm							X	X	X	HYDRO-00070	3308815098159	
Check ball valve DN 65 cast iron								X		HYDRO-00093	3308815090498	
Check ball valve DN 80 cast iron									X	HYDRO-00095	3308815090511	
Check ball valve DN 100 cast iron									X	HYDRO-00022	3308815082196	
Non-return valve 1 1/4" PE DN32			X							HYDRO-00042	3308815082455	
Cast iron non-return valve DN50				X	X		X			HYDRO-00007	3308815082035	A.5

\*\*\*Those products can be available on order or found on local market

Product name	Product	Sub Steel	Sub ZPK	ZPG	ZFS	SLD	VX 50	VX 65	VX 80	Product code	Barcode	N°
2" non-return ball valve IG GG PN10				X	X	X				HYDRO-00016	3308815082127	
Discharge pipe DN50 1 m PE 1x flange				X	X	X				HYDRO-00013	3308815082097	
Discharge pipe DN50 1 m PE 2x flange				X	X	X				HYDRO-00014	3308815082103	
90 degree elbow connection DN50 PE				X	X					HYDRO-00003	3308815081991	A.1 B.9
90 degree elbow connection DN50 VA				X	X					HYDRO-00004	3308815082004	A.1 B.9
Outlet elbow with integrated valve			X							HYDRO-00043	3308815082462	
ZFS floor installation kit					X					HYDRO-00001	3308815081977	B.8
Standard 2" drain assembly for assembly without base						X				KITEVAC-001	3308815083995	C.2 C.3 C.4 C.5
Standard 2" drain assembly for assembly with base						X				KITEVAC-002	3308815084008	D.4 D.5 D.6 D.7 D.8
Kit for transportation							X			HYDRO-00084	3308815090320	
Shackle NG 5 VA				X	X	X	X			HYDRO-00012	3308815082080	
Shackle Steel 8 mm								X	X	HYDRO-00071	3308815098166	
Base for DN 65 Guide bars not supplied									X	HYDRO-00089	3308815090375	
Base for DN 80 Guide bars not supplied									X	HYDRO-00090	3308815090382	
Base for DN 65/80 Guide bars not supplied									X	HYDRO-00091	3308815090399	
Base for DN 80/100 Guide bars not supplied									X	HYDRO-00092	3308815090405	

\*\*\*Those products can be available on order or found on local market

Product name	Product	Sub Steel	Sub ZPK	ZPG	ZFS	SLD	VX 50	VX 65	VX 80	Product code	Barcode	N°
Base for Sanipump VX 50 and guide bracket 120							X			HYDRO-00085	3308815090337	
Base for Sanipump VX 50 and guide bracket 150							X			HYDRO-00086	3308815090344	
Base for Sanipump VX 50 and guide bracket 180							X			HYDRO-00087	3308815090351	
Sanipump base and single guide bracket							X			HYDRO-00088	3308815090368	
SLD coupling system						X				HYDRO-00060	3308815084176	D.2
ZFS / ZPG 71 coupling system				X	X					HYDRO-00002	3308815081984	A.2 A.7
C 2" - 20 m hose with C11359B coupling		X								HYDRO-00018	3308815082158	
Inlet pipe 1 m 2 PE flanges DN 65								X		HYDRO-00097	3308815090535	
Inlet pipe 1 m 2 PE flanges DN 80									X	HYDRO-00098	3308815090542	
Cast iron valve 1"			X	X	X	X				HYDRO-00044	3308815082479	
Cast iron isolation valve DN50				X	X	X				HYDRO-00008	3308815082042	A.4
Cast iron isolation valve DN65							X			HYDRO-00094	3308815090504	
Cast iron isolation valve DN80									X	HYDRO-00096	3308815090528	
Cast iron isolation valve DN100									X	HYDRO-00019	3308815082165	

\*\*\*Those products can be available on order or found on local market

## Ethics Charter

# “ENSURING THAT BUSINESS ETHICS IS CENTRAL TO RESPONSIBLE GROWTH.”

### OUR SFA GROUP COMMITMENT

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

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



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

Respect is at the heart of human interaction, not only within SFA and towards our clients, but also in our social and wider environments. We respect individuals and their right to privacy.

Our commitment to integrity leads us to strictly respect our duty of honesty in our business relationships. It requires all of us; management in particular, to lead by example in fulfilling our duties to our clients, colleagues and all other stakeholders.

Our quality commitment is to provide our customers with a quality service. Quality applies to all business sectors and everyone plays a role and contributes to achieving this goal. Our ambition is to be recognized and approved by all our stakeholders as we grow together.

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

Our principles of action and conduct are in accordance with fundamental principles, such as those of the Universal Declaration of Human Rights, of modern slavery law and those set by the International Labour Organisation (especially those concerning prohibition of child labour and forced labour).





Kindly visit our Resource Center  
for more information

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