



MACERATORS & PUMPS

CATALOGUE  
**2021**



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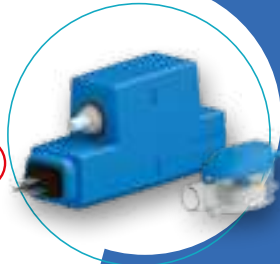


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NEW



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NEW

NEW



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NEW

NEW



101

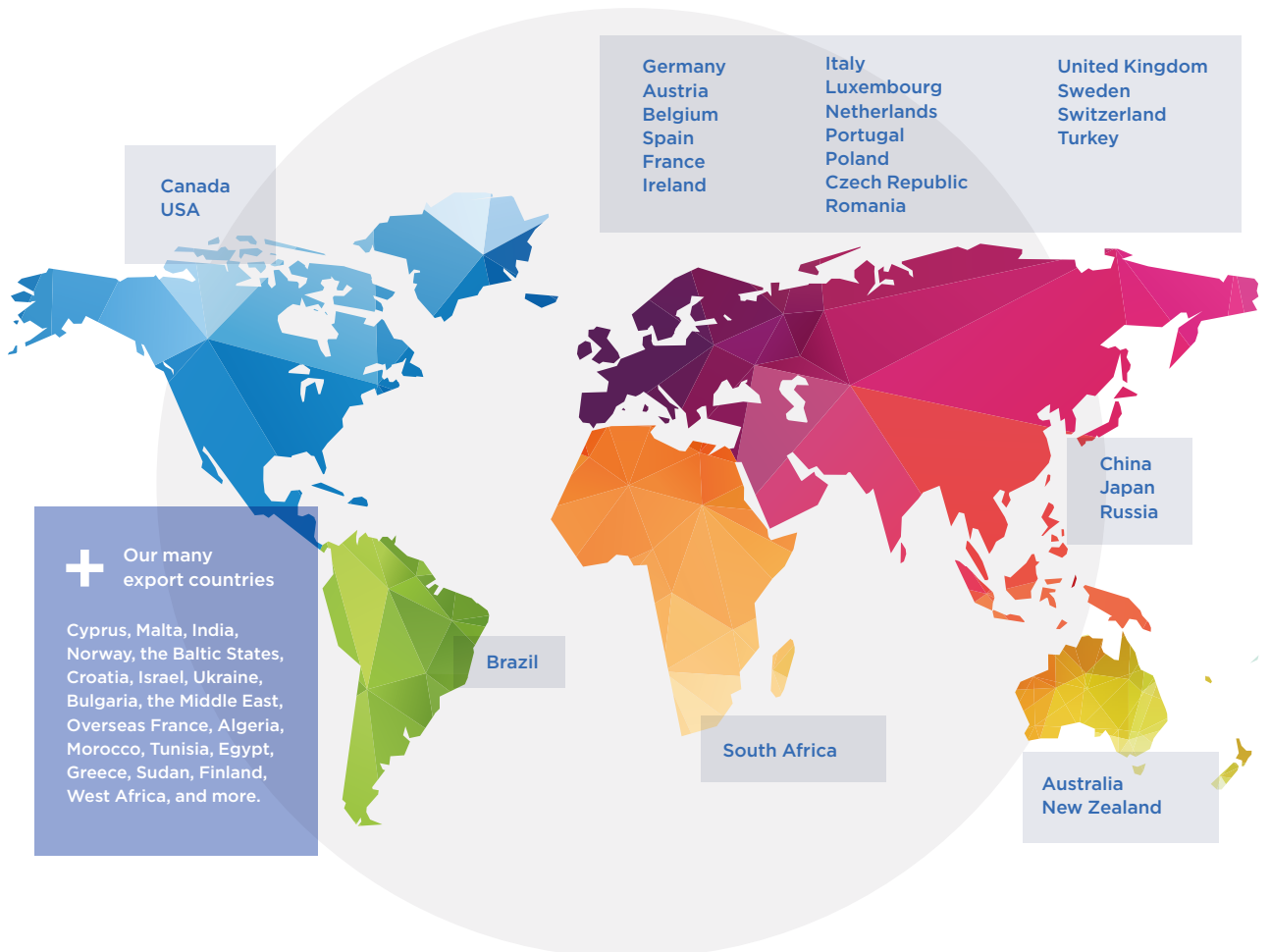
UNDERGROUND  
LIFTING STATIONS

# SFA Group World leader in sanitary equipment

For over 60 years, the companies of the SFA Group have been working to provide our professional and end consumer customers with increasing levels of sanitary convenience in their daily lives.

## An International Group

Established in 25 countries across 5 continents, the Group continues to expand internationally through partnerships forged with professionals in the sector, carefully selected and trained to carry forward the reputation for performance, quality and service of the international Group.



## This is the very hallmark 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 operates in 4 areas of activity:

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

---

## Vision & Perspectives

The Group's activity around pumps and pumping stations clearly illustrates its external growth policy.

This policy approach aims to protect and enhance expertise and resources. An initiative that builds a homogeneous block performing at an extremely high growth capacity.

By bringing in a technical expert like Zehnder Pumpen, recognised and well regarded in the market and a global player with a presence in over 70 countries, SFA has created the conditions to develop its innovation ability, reinforce its manufacturing base and ensure strong growth in this segment.

### 1958

SFA founded and the 1<sup>st</sup> toilet macerator. Europelec acquisition

### 1970

Expansion into Europe and North America

### 1988

Kinédo purchase

### 1990

ISO certification of factories

### 1993

Grandform joins the group

### 2019

Zehnder Pumpen purchase

### 2020

New visual image  
Format and Aquaturbo  
Systems purchase

# SFA solutions are synonymous with quality, design and technology.

Throughout its history, SFA has established a high-performing manufacturing base, opting for an integrated production strategy to build and assemble its equipment in record time. Its industrial model ensures complete control of each stage of production, quality control and manufacturing deadlines. This guarantee of reliability and trust is appreciated by its clients. The Group's commitment to quality is recognised internationally by independent laboratories. Each factory complies with the required standards of the certifications applicable in every country where its products are sold:

- CE marking in Europe • CSA certification marks in North America
- PCT certification in Russia • JET standard in Japan



**BRÉGY**  
FRANCE

Every day, some 300 employees work to bring our company values to life, to make things easier for our customers and our installers. Over the years, numerous investments have taken Brégy from being a simple assembly site to a largely self-sufficient production centre. To guarantee product quality from start to finish, we have vertically integrated the manufacturing of many components into our own production process. Our 25 000 sqm factory is divided into four units to manage the production of composite and rubber parts, the manufacture of motors, the assembly of components and the creation of electronic components.



**GRÜNHAIN-BEIERFELD,**  
GERMANY

The Zehnder Pumpen company, purchased by SFA in 2019, has established itself as a recognised specialist brand in the production of submersible pumps, garden pumps, wastewater pumping stations, automatic domestic water dispensers or domestic water networks.

**Historically, our two entities share the values of the French flagship of the sanitary industry: innovation, reliability, durability and performance.**

## 2-YEAR WARRANTY

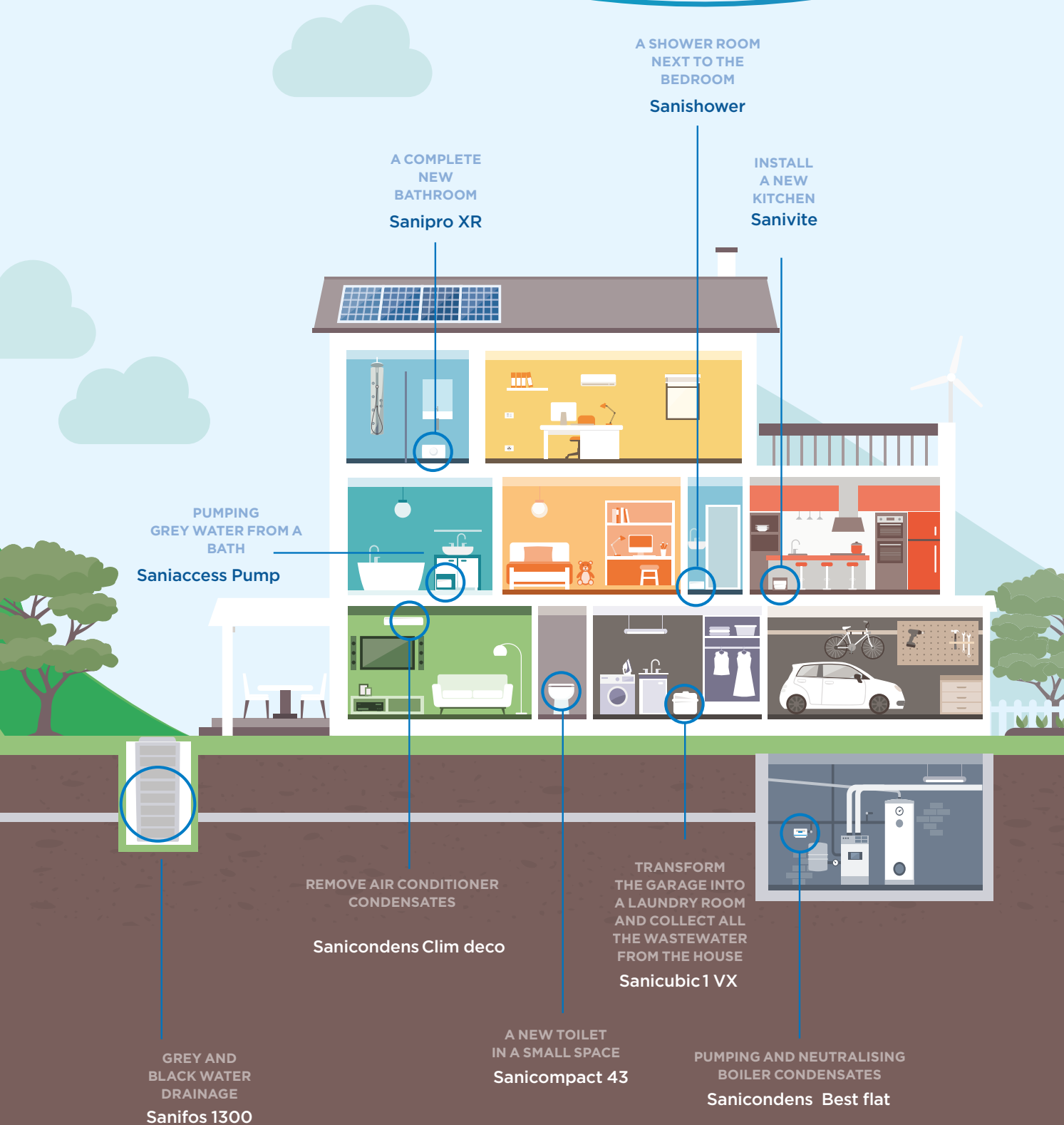
SFA pumps and macerators meet the European standards currently in force (EN 12050-3, EN 12050-2 and EN 12050-1) and are produced in a factory ISO 9001 and ISO 14001 certified.



# What is a SANIFLO SOLUTION?

To adapt to the different stages of life, it may be necessary to modify and change your house by building an extension, or by adding an en-suite, additional bathroom or utility facilities. Saniflo products make it possible to carry out installation easily and without undertaking major building work.

If the additional new room is located at a distance from the main drainage system, perhaps in the attic, garage or in the basement, it is often easier and cost effective to use small bore pipework to create this new space rather than having to do major building work to connect to the main sewer.

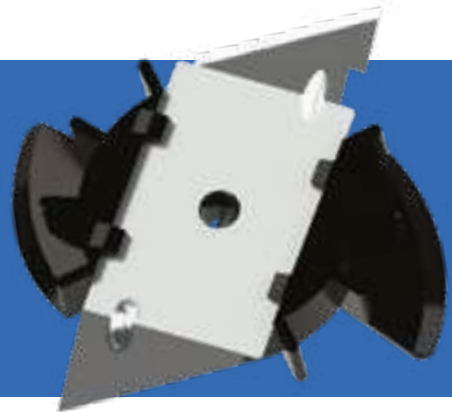


SFA macerators have remained at the forefront of technology since their invention, thanks to the group's continuous research and development efforts. Noise level, accessibility and design are all key elements to meet the needs of our customers.

## OUR GRINDING TECHNOLOGIES

### Single-blade cutter

The single-blade cutter reduces the black waste into fine particles. The rotating steel blade cuts through waste materials and discharges the water and waste at the same time.



### Multi-cutter disc

The multi-cutter disc uses a shredding action and acts as a turbine. This technology is available in the Sanicompact.

### Pro X K2 impeller

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



### KX V6 Vortex impeller

SFA also has vortex technology. This technology is able to deal with particles of up to 50 mm, to meet the most demanding applications and creates a centrifugal action rather than a cutting blade.

### Two-channel wheel

The two-channel wheel sucks out and discharges grey water and particles without grinding them and provides 50 mm clearance for maximum performance.

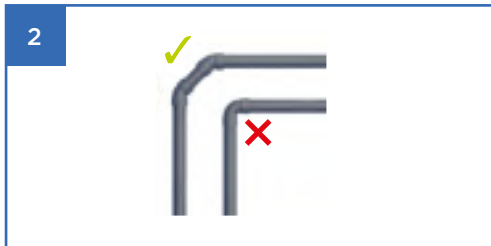


NEW

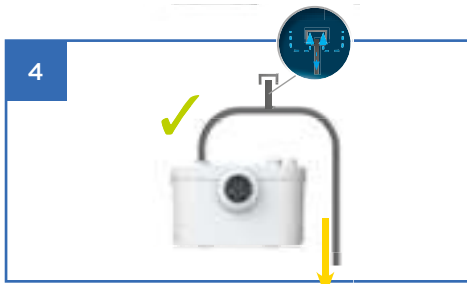




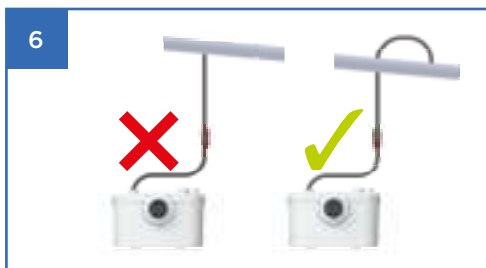
## SOME RULES FOR INSTALLING AN SFA MACERATOR



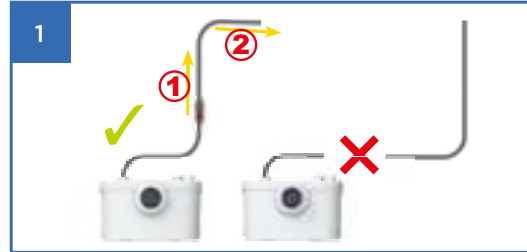
For the installation of connection elbows on the drainage piping, use 2 x 45° elbows rather than one 90° elbow. **The larger radius curves DECREASE the discharge losses.**



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



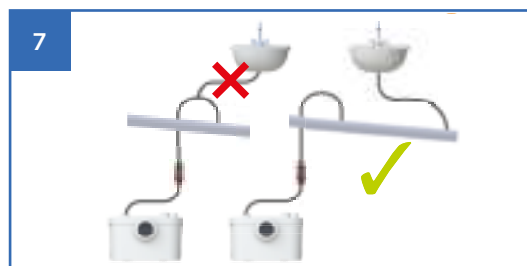
Vertical pumping must take place at the start of the DISCHARGE (1). **From the highest point of the discharge (2), an incline of at least 1% is necessary.**



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



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



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



## WHY SANIFLO?

# The SFA Saniflo range for creating sanitary fixtures anywhere and without any major works.

For over 60 years, SFA has offered wastewater pumping solutions to facilitate property development.

Installing an SFA macerator lets you create sanitary fixtures anywhere in the house, even without gravity drainage!

A water supply, a small diameter discharge pipe and an electrical socket are all you need to install an SFA macerator.

BEFORE



AFTER



# Saniflo®

		 Toilet	 Wall-hung toilet	 Wash basin	 Bidet	 Shower cubicle	 Collectivity	 Easy operation
	<b>Saniflo</b> Perfect for toilet drainage	 •						
	<b>Sanitop</b> Drains both the toilet and washbasin	 •		•				
	<b>Sanipro XR</b> Drains all the water from a shower room	 •		•	•	•		
	<b>Saniplus</b> Large capacity tank: perfect for handling large volumes of water	 •		•	•	•		
	<b>Sanibest Pro</b> High performance maceration! Perfect for communities	 •		•	•	•	•	
	<b>Sanigrind Pro</b> The unique solution for S-trap toilets	 •		•	•	•	•	
	<b>Saniwall Pro UP</b> The solution (macerator + GROHE support frame) for installing a wall-hung bowl. Available as a glass-clad version or tiled	 •	•	•	•	•		
	<b>Sanipack</b> The macerator for wall-hung bowls that fits in partitions	 •	•	•	•	•		
	<b>Saniaccess 1-2-3</b> Complete solutions perfect for rental accommodation	 •		•	•	•		

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

APPLICATIONS



Toilet

PUMPING



WARRANTY



REFERENCE

EAN 3308811299017  
SXSTD



# Saniflo



Easy installation:  
Easy replacement of an old model  
Perfect for draining water from a toilet.



Suitable for use in a basement  
or loft conversion.

Quiet product.



TECHNICAL VIEW



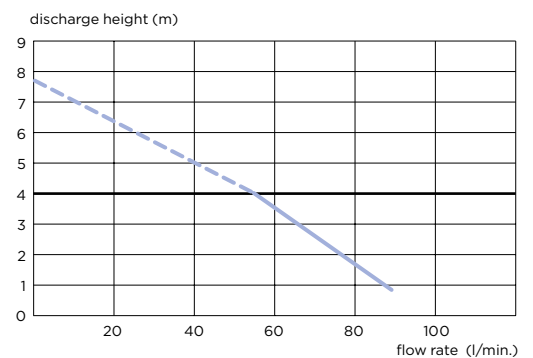
TECHNICAL FEATURES

Number of available inlets	1
Ø of inlets	100 mm
Ø of recommended discharge pipe	22/32 mm
Power rating	400 W
Voltage	220-240 V/50 Hz
Electrical class	1
Protection rating (IP)	IP 44

PACKING LIST

- Saniflo
- Check valve
- Connectors
- Activated carbon filter included to neutralise odours

PUMP PERFORMANCE CURVE



APPLICATIONS



PUMPING



WARRANTY



REFERENCE

EAN 3308811399014  
ST2STD



# Sanitop



Easy installation:  
Easy replacement of an old model.



Lets you install 1 toilet + 1 washbasin.

Quiet product.



TECHNICAL VIEW



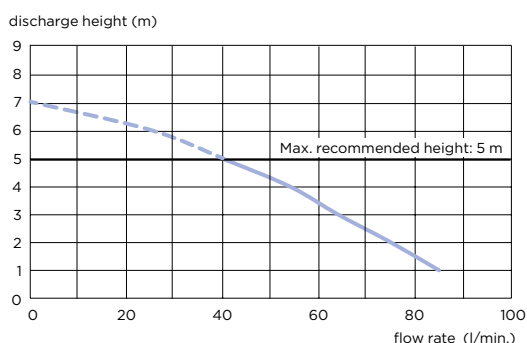
TECHNICAL FEATURES

<b>Number of available inlets</b>	2
<b>Ø of inlets</b>	100/40 mm
<b>Ø of recommended discharge pipe</b>	22/28/32 mm
<b>Power rating</b>	400 W
<b>Voltage</b>	220-240 V/50 Hz
<b>Electrical class</b>	1
<b>Protection rating (IP)</b>	IP44

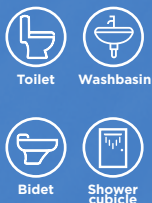
PACKING LIST

- Sanitop
- Check valve
- Connectors
- Activated carbon filter included to neutralise odours

PUMP PERFORMANCE CURVE



APPLICATIONS



PUMPING



WARRANTY



REFERENCE  
EAN 3308811298010  
SRSTD



# Sanipro XR



Lets you install a complete shower room!

Easy installation:  
Easy replacement of an old model.



Reliable and efficient macerating system.

Drains all the water from a shower room.

Quiet product.

TECHNICAL VIEW



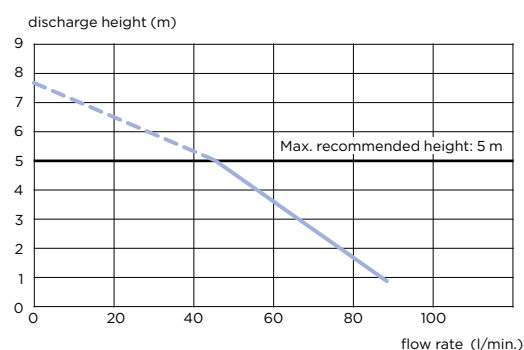
TECHNICAL FEATURES

<b>Number of available inlets</b>	3
<b>Ø of inlets</b>	100/40 mm
<b>Ø of recommended discharge pipe</b>	22/28/32 mm
<b>Power rating</b>	400 W
<b>Voltage</b>	220-240 V/50 Hz
<b>Electrical class</b>	1
<b>Protection rating (IP)</b>	IP44
<b>Shower tray height</b>	13 cm

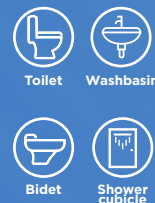
PACKING LIST

- Sanipro XR
- Check valve
- Connectors
- Activated carbon filter included to neutralise odours

PUMP PERFORMANCE CURVE



APPLICATIONS



PUMPING



WARRANTY



REFERENCE  
EAN 3308811499011  
SPSTD



# Saniplus



Easy installation:  
Easy replacement of an old model.



Large capacity, perfect for handling  
large volumes of water.

Quiet product.



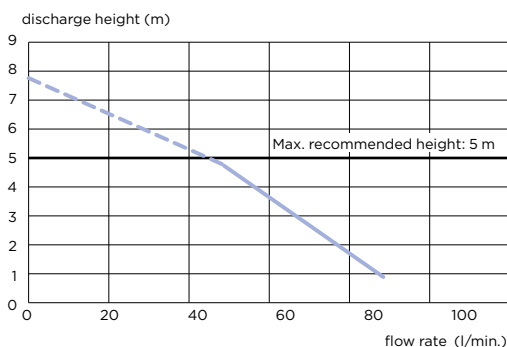
TECHNICAL VIEW



TECHNICAL FEATURES

<b>Number of available inlets</b>	4
<b>Ø of inlets</b>	100/40 mm
<b>Ø of recommended discharge pipe</b>	22/28/32 mm
<b>Power rating</b>	400 W
<b>Voltage</b>	220-240 V/50 Hz
<b>Electrical class</b>	1
<b>Protection rating (IP)</b>	IP44
<b>Shower tray height</b>	13 cm

PUMP PERFORMANCE CURVE

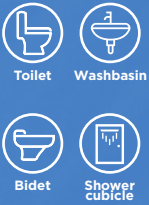


PACKING LIST

- Saniplus
- Check valve
- Connectors
- Activated carbon filter included to neutralise odours



APPLICATIONS



PUMPING



WARRANTY



REFERENCE  
EAN 3308815013039  
B3PRO



# Sanibest Pro



Perfect for communities.  
Direct access to electronic components.



Suitable for intensive use  
in public and commercial environments.



SFA RELIABILITY GUARANTEE

Macerator with the same grinding system as our floor standing or underground stations.

DIRECT ACCESS TO THE ELECTRONIC COMPONENTS



➔ Maceration with the Pro X K2 knife: designed to handle occasional disposal of toilet wipes, tampons, sanitary towels and condoms.

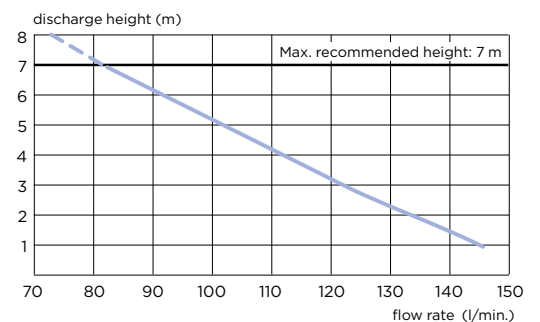
TECHNICAL FEATURES

Number of available inlets	4
Ø of inlets	100/40 mm
Ø of recommended discharge pipe	22/28/32 mm
Power rating	1100 W
Voltage	220-240 V/50 Hz
Electrical class	1
Protection rating (IP)	IP44
Shower tray height	15 cm

PACKING LIST

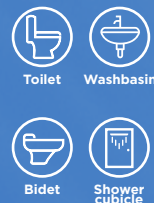
- Sanibest Pro
- Check valve
- Connectors
- Activated carbon filter included to neutralise odours

PUMP PERFORMANCE CURVE





APPLICATIONS



PUMPING



WARRANTY



Reference  
EAN 3308815066684  
GRINDPROHK



# Sanigrind Pro



Ideal for public usage.

The possibility to lower the pump.



The unique solution for S-trap toilets.

High performance macerating.

DIRECT ACCESS TO THE ELECTRONIC COMPONENTS

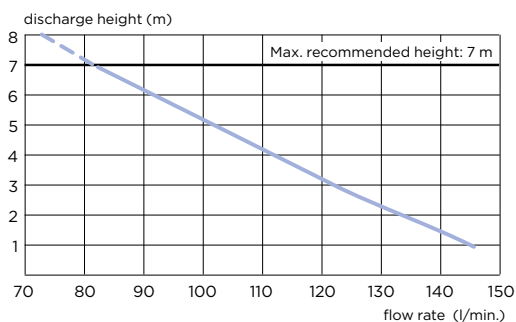


➔ Maceration with the Pro X K2 knife: designed to handle occasional disposal of toilet wipes, tampons, sanitary towels and condoms.

TECHNICAL FEATURES

Number of available inlets	3
Ø of inlets	100/40 mm
Ø of recommended discharge pipe	22/28/32 mm
Power rating	1100 W
Voltage	220-240 V/50 Hz
Electrical class	1
Protection rating (IP)	IP44

PUMP PERFORMANCE CURVE



PACKING LIST

- Sanigrind Pro
- Check valve
- Connectors
- Activated carbon filter included to neutralise odours



SFA RELIABILITY GUARANTEE

Macerator with the same grinding system as our floor standing or underground stations.



APPLICATIONS



Wall-hung toilet



Washbasin



Bidet



Shower cubicle

PUMPING



WARRANTY



REFERENCE

Glass-clad version  
EAN 3308815074115  
WALLPROUPSTD



Saniwall Pro UP with glass casing

# Saniwall Pro <sup>UP</sup>

GLASS-CLAD VERSION



The solution (macerator + support frame + glass casing) for installing a wall-hung bowl.

Easy maintenance with dual access to the product.

TILED VERSION



The solution (macerator + frame-support) to install a wall-hung bowl, tiled version.

Magnetic tabs provided to create a removable hatch.

Easy maintenance with dual access to the product.



The solution (macerator + GROHE support frame + glass casing) in an elegant and contemporary design.

Low noise level: 47 dB(A).



The solution to install a wall-hung bowl which fits perfectly into a tiled room.

Low noise level: 47 dB(A).

PACKING LIST

SFA macerator	SFA macerator
GROHE support frame	GROHE support frame
Glass-clad	Magnetic tabs for tiled version
Check valve	Check valve
Connectors	Connectors

GLASS-CLAD

Premium design

Removable upper section for easy maintenance:  
- Without disassembling the bowl  
- Without disconnecting the macerator

REMOVABLE HATCH

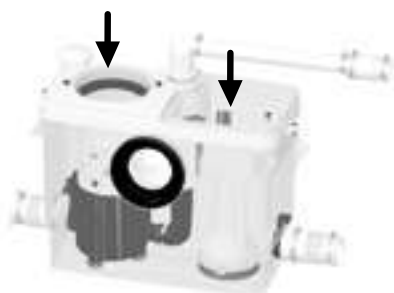
Cut-out template

Magnetic tabs provided to create a removable hatch for tiling





**DUAL ACCESS TO THE PRODUCT**

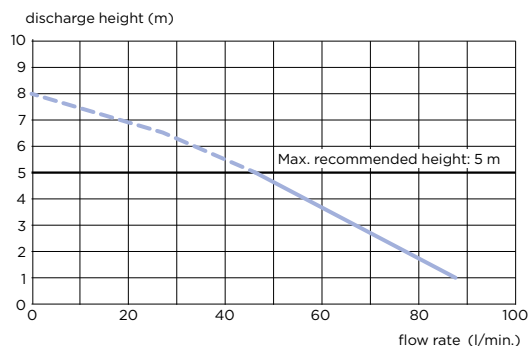


- ➔ Direct access to the basket in case of blockage following incorrect use of the appliance
- ➔ Direct access to the electrics through the hood

**TECHNICAL FEATURES**

<b>Number of available inlets</b>	3
<b>Ø of inlets</b>	100/40 mm
<b>Ø of recommended discharge pipe</b>	22/28/32 mm
<b>Power rating</b>	400 W
<b>Voltage</b>	220-240 V
<b>Electrical class</b>	1
<b>Shower tray height</b>	13 cm
<b>Protection rating (IP)</b>	IP44
<b>Noise level</b>	47 dB(A)

**PUMP PERFORMANCE CURVE**



**SUPPORT FRAME GROHE**

Reduced width: 500 mm
Tank: equipped with a 3 L/6 L dual flush
Quiet and easy to maintain flush system
Chrome control plate

**REFERENCE Tiled version**

EAN 3308815076096  
WALLPROUPSTDAC

**AVAILABLE AS A TILED VERSION**

Supplied with magnetic tabs to install a removable hatch.



## APPLICATIONS



Wall-hung toilet



Washbasin



Bidet



Shower cubicle

## PUMPING

5 m  

 100 m

## WARRANTY



## REFERENCE

EAN 3308811209016  
 PA2STD



# Sanipack



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.



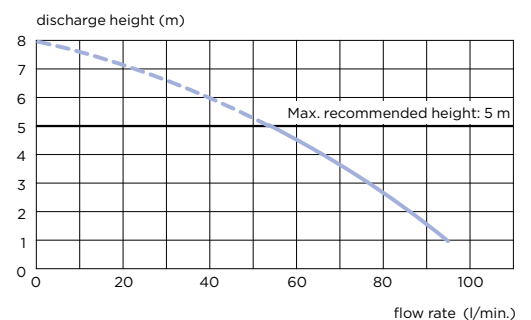
## TECHNICAL VIEW



## TECHNICAL FEATURES

<b>Number of available inlets</b>	3
<b>Ø of inlets</b>	100/40 mm
<b>Ø of recommended discharge pipe</b>	22/28/32 mm
<b>Power rating</b>	400 W
<b>Voltage</b>	220-240 V/50 Hz
<b>Electrical class</b>	1
<b>Protection rating (IP)</b>	IP44
<b>Shower tray height</b>	13 cm
<b>Maximum distance from the toilet</b>	50 cm

## PUMP PERFORMANCE CURVE



## PACKING LIST

- Sanipack
- Check valve
- Connectors
- Activated carbon filter included to neutralise odours



APPLICATIONS

Saniaccess 1



Toilet

Saniaccess 2



Toilet



Washbasin

Saniaccess 3



Toilet



Washbasin



Bidet



Shower cubicle

PUMPING



WARRANTY



REFERENCES

Saniaccess 1

EAN 3308815013169  
SANIACCESS1

Saniaccess 2

EAN 3308815013176  
SANIACCESS2

Saniaccess 3

EAN 3308815013183  
SANIACCESS3

# Saniaccess 1-2-3



Easy maintenance with dual access to the product.

Flow rate: 80 L/min.



Easy maintenance with dual access to the product: ideal for rentals.

Low noise level: 46 dB(A).



DUAL ACCESS TO THE PRODUCT



- ➔ Direct access to the basket in case of blockage following incorrect use of the appliance
- ➔ Direct access to the electrics to replace any worn out components

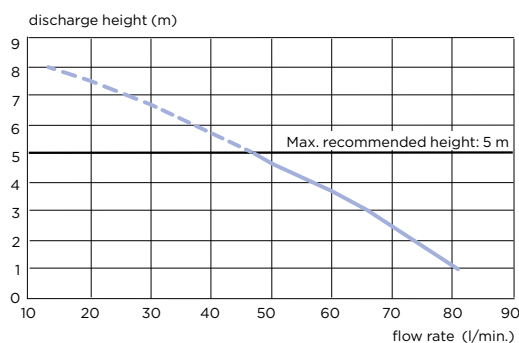
PACKING LIST

- Saniaccess
- Check valve
- Connectors
- Activated carbon filter included to neutralise odours

TECHNICAL FEATURES

<b>Number of available inlets</b>	1 (Saniaccess 1) 2 (Saniaccess 2) 4 (Saniaccess 3)
<b>Ø of inlets</b>	100/40 mm
<b>Ø of recommended discharge pipe</b>	22/28/32 mm
<b>Power rating</b>	400 W
<b>Voltage</b>	220-240 V/50 Hz
<b>Electrical class</b>	1
<b>Protection rating (IP)</b>	IP44
<b>Shower tray height</b>	15 cm
<b>Noise level</b>	46 dB(A)

PUMP PERFORMANCE CURVE



# Descaler

To increase the lifespan of your appliance, you are advised to descale and clean the macerator and the bowl on a regular basis.

The special **Saniflo** cleaning descaler is perfectly designed to descale right inside your appliance and clean it while caring for its internal components.

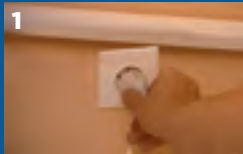
## The descaler has 4 specific characteristics

- Specially designed to care for the rubber of the components
- A formula perfectly suited to small diameter drainage pipes
- Product suitable for septic tanks
- Laboratory-tested formula and dosage



**Reference**  
EAN 3308819899011  
DET

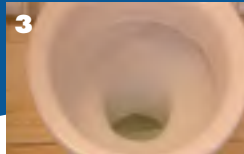
## HOW IS THE DESCALER USED?



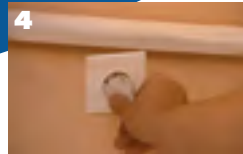
**1** Disconnect the power supply from the macerator.



**2** Put a dose of descaler in the bowl.



**3** Leave on for at least 2 hours.



**4** Reconnect the power supply to the macerator.



**5** Rinse away by flushing twice.

# Sanialarm

## An original concept

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 an SFA macerator 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.

## 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 MACERATOR.**

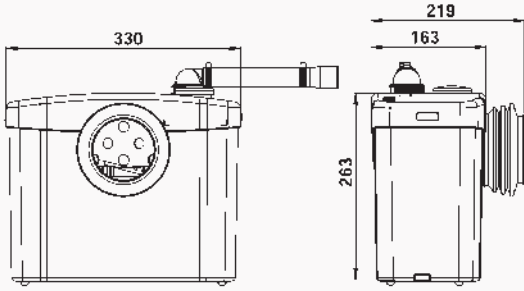
**Reference**  
EAN 3308810042799  
ALARM



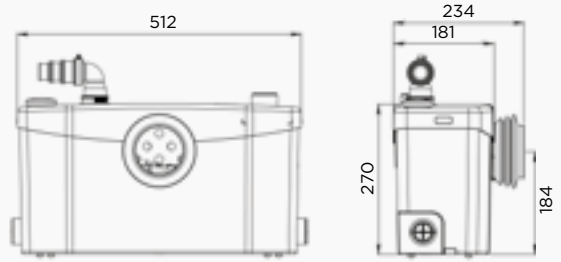
**Works with all models in the SFA adaptable macerators range (previous and current), as well as the Sanispeed +. The Sanialarm works with 2 1.5V batteries (not supplied)**

**Saniflo**

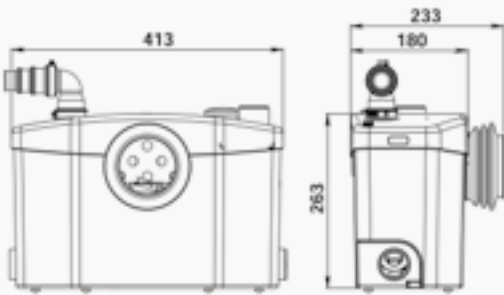
**Sanitop**



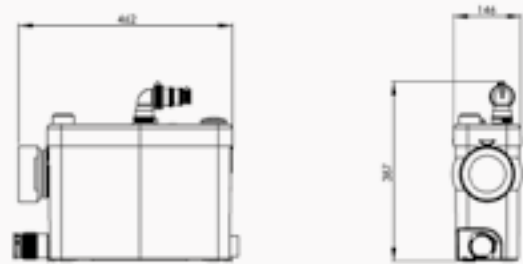
**Saniplus**



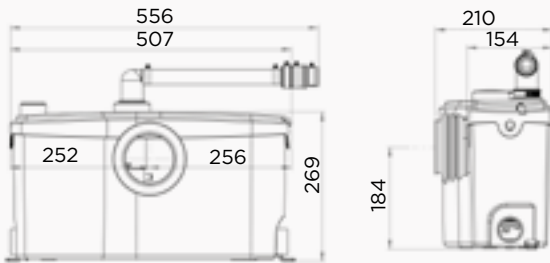
**Sanipro XR**



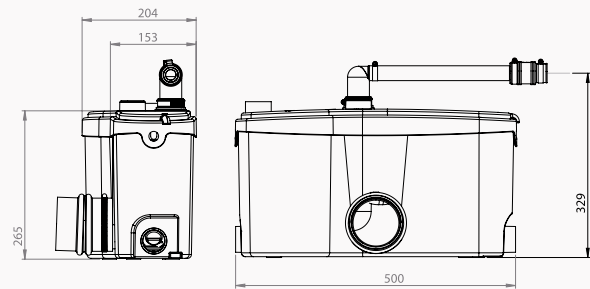
**Sanipack**



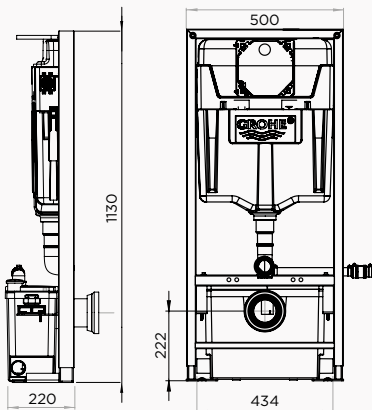
**Sanibest Pro**



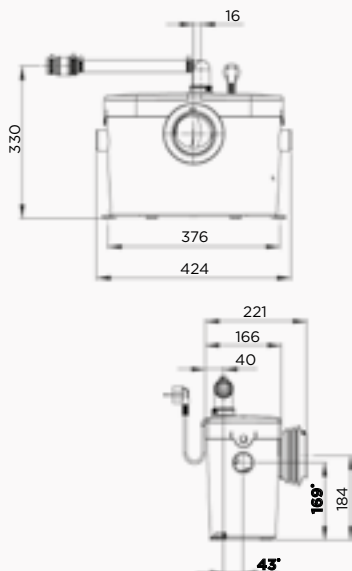
**Sanigrind Pro**



**Saniwall Pro<sup>UP</sup>**

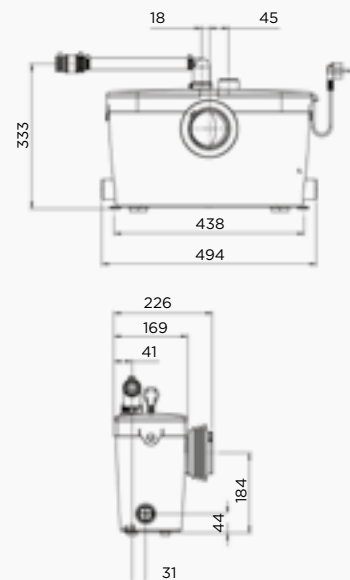


**Saniaccess 1-2**



\*Saniaccess 2

**Saniaccess 3**



## WHY SANICOMPACT?

**Comfortable and reliable with a contemporary design, the products in the Sanicompact range are the solution for installing sanitary fixtures in small spaces.**

In order to meet expectations in terms of space planning, SFA has expanded its range of macerators. When the space available for fitting out new sanitary fixtures is reduced, the Sanicompact range is an aesthetic and efficient answer.

Equipped with an integrated macerator, these ceramic bowls\* are space-saving. Floor-mounted or wall-hung, these solutions are ideal for fitting out a studio, closet or space under the stairs. They also provide an option to connect a washbasin in addition to the toilet.

**BEFORE**














**AFTER**

\*Excluding Sanismart





# Sanicompact

		 Toilet	 Wall-hung toilet	 Wash basin	 Eco+ Dual-flush system	
	<b>Sanicompact 43</b> The most compact in the range	<b>p.28</b>	•	• Optional	✓	
	<b>Sanicompact Pro</b> Compact and contemporary design	<b>p.29</b>	•	• Optional	✓	
	<b>Saniflush</b> Entirely ceramic complete toilet with efficient maceration system	<b>p.30</b>	•	•		<b>NEW</b>
	<b>Sanismart</b> Lightness and hygiene combined in one unit	<b>p.31</b>	•		✓	<b>NEW</b>
	<b>Sanicompact Comfort</b> Wall-hung bowl with clean lines and height-adjustable installation frame	<b>p.32</b>		•	•	✓
	<b>Sanicompact Comfort +</b> Frame + wall-hung bowl solution with optional housing			•	•	✓
	<b>Sanicompact Comfort + / Bracket</b> Complete solution: self-supporting frame + wall-hung bowl + 3 housing colour options			•	•	✓

- PRODUCTS WITH A CONTEMPORARY DESIGN AND EQUIPPED WITH SILENCE TECHNOLOGY
- AN ENVIRONMENTALLY-FRIENDLY RANGE: WATER AND ENERGY EFFICIENT THANKS TO THE DUAL FLUSH SYSTEM
- COMFORT OF USE WITH THE SOFT-CLOSE TOILET SEAT AND LID
- GUARANTEED HYGIENE THANKS TO THE ANTI-LIMESCALE CERAMIC AND AN ANTIBACTERIAL LID

## ECO+ DUAL-FLUSH SYSTEM

FOR OVER 60 YEARS, SFA HAS BEEN CONSTANTLY REINVENTING ITSELF AND INNOVATING.

Since 2009, the company has been involved in environmental protection by extending the ECO+ system to its entire Sanicompact range. This system provides a dual flush using only 1.8 or 3 liter of water.

With this system, SFA establishes its Sanicompact range as the most water efficient on the market. This represents water savings of over 13,000 L (13 m<sup>3</sup>) compared to a conventional toilet fitted with a 3 L/6 L flush (over one year for a family of 4 people).

A Sanicompact saves more than 5,200 L compared to any other equivalent macerators on the market.

## HOW TO INSTALL A SANICOMPACT?

To install the Sanicompact you must have: a water inlet + a water outlet + a power socket.

Connect your Sanicompact to the cold water supply pipe.



1



2



3



4

Connect the Sanicompact drainage elbow to your PVC pipe and connect it to your main drain.

Connect the Sanicompact to your 230V socket: and it works!

## HOW DOES IT WORK?

Pressing the flush button starts a new program, firstly activating the bowl rinse.

The motor starts up: water and matter are sucked out.



1



2



3

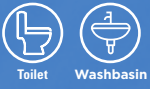


4

Finely ground matter is expelled. A check valve prevents the return of wastewater.

The macerator is ready for use again.

APPLICATIONS



PUMPING



WARRANTY



REFERENCES

Standard C43STD:  
EAN 3308814399011  
C43STD

With C43LV washbasin:  
EAN 3308815013268  
C43LV




# Sanicompact 43



Ultra compact size: 43 cm deep.  
Small diameter discharge pipe: 32 mm.  
Flow rate > 100 L/min.



The most compact in the range.  
Can be connected to a washbasin.  
Silence technology: 51 dB(A). 



SEMI-TRANSPARENT VIEW



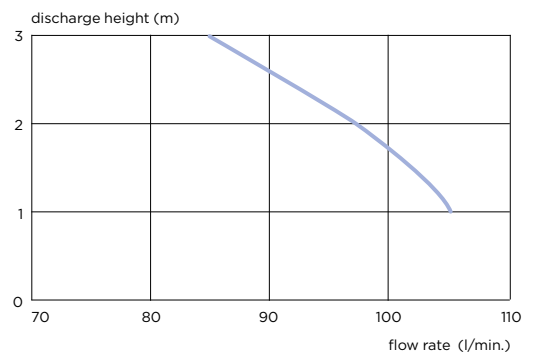
TECHNICAL FEATURES

<b>Number of available inlets</b>	1
<b>Ø of inlets</b>	40 mm
<b>Ø of recommended discharge pipe</b>	32 mm
<b>Flow rate</b>	105 L/min at 1 m
<b>Power rating</b>	550 W
<b>Voltage</b>	220-240 V/50 Hz
<b>Electrical class</b>	1
<b>Noise level</b>	51 dB(A)

PACKING LIST

- Sanicompact 43
- Check valve
- Floor fixings provided
- Clip-on soft-closing toilet lid

PUMP PERFORMANCE CURVE



APPLICATIONS



PUMPING



WARRANTY



REFERENCES

Standard C11STD:  
EAN 3308813099011  
C11STD

With C11LV washbasin:  
EAN 3308815065960  
C11LV

# Sanicompact Pro



Can be installed instead of a bidet.  
Small diameter discharge pipe: 32 mm.  
Flow rate > 100 L/min.



Contemporary design.  
Can be connected to a washbasin.  
Silence technology: 51 dB(A).



SEMI-TRANSPARENT VIEW



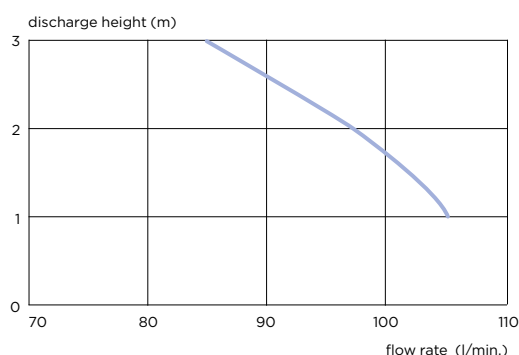
TECHNICAL FEATURES

Number of available inlets	1
Ø of inlets	40 mm
Ø of recommended discharge pipe	32 mm
Flow rate	105 L/min at 1 m
Power rating	550 W
Voltage	220-240 V/50 Hz
Electrical class	1
Noise level	51 dB(A)

PACKING LIST

- Sanicompact Pro
- Check valve
- Floor fixings provided
- Soft closing toilet seat supplied

PUMP PERFORMANCE CURVE



APPLICATIONS



Toilet

Washbasin

PUMPING

5 m



100 m

WARRANTY



REFERENCE

With washbasin  
EAN 3308815082417  
SANIFLUSH



# Saniflush



Easy access to the macerator by sliding the ceramic.

Complete toilet with efficient maceration system.  
Classic toilet design with conventional bowl base.



Classic design, double spiral flush system with 3-6 L tank.

Easy to clean: ceramic with flangeless system.  
Can be connected to a washbasin.

Silence technology: 46 dB(A).



Flangeless system

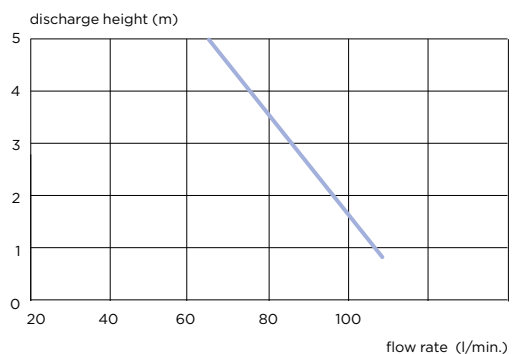
SEMI-TRANSPARENT VIEW



TECHNICAL FEATURES

<b>Number of available inlets</b>	1 (right or left)
<b>Ø of inlets</b>	40 mm
<b>Ø of recommended discharge pipe</b>	32 mm
<b>Maximum flow rate</b>	90 L/min
<b>Power rating</b>	400 W
<b>Voltage</b>	220-240 V/50 Hz
<b>Electrical class</b>	1
<b>Noise level</b>	46 dB(A)

PUMP PERFORMANCE CURVE



PACKING LIST

- Ceramic Saniflush with 3-6 litre tank
- Check valve
- Floor fixings provided
- Soft closing toilet seat supplied

PUMPING



WARRANTY



REFERENCE

Standard  
EAN 3308815081403  
SANISMART

**NEW**

# Sanismart



17.5 kg for easy handling.  
Small diameter discharge pipe: 32 mm.  
Efficient spiral flush system.



Optimal comfort thanks to a wide seat.  
Easy to clean: flangeless system and hygienic Sugopica material (synthetic material made from organic glass: antibacterial and anti-limescale).



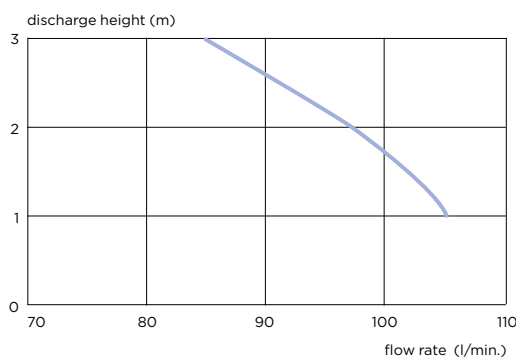
SEMI-TRANSPARENT VIEW



TECHNICAL FEATURES

<b>Number of available inlets</b>	-
<b>Ø of recommended discharge pipe</b>	32 mm
<b>Flow rate</b>	105 L/min
<b>Power rating</b>	550 W
<b>Voltage</b>	230 V/50 Hz
<b>Electrical class</b>	1
<b>Noise level</b>	51 dB(A)

PUMP PERFORMANCE CURVE



PACKING LIST

- Sanismart
- Check valve
- Soft-closing toilet lid
- Floor fixings provided



Flangeless system

APPLICATIONS



Washbasin

PUMPING



WARRANTY



REFERENCES

Sanicompact  
Comfort:  
EAN 3308815012223  
C72LV  
Sanicompact  
Comfort+:  
EAN 3308815083247  
C72LVCPLUS



# Sanicompact Comfort, Comfort+

## Sanicompact Comfort+ Bracket

COMFORT+ VERSION



Bowl solution with maceration + support frame.

Universal self-supporting frame. (Comfort +)



Soft-closing toilet lid.

Can be connected to a washbasin.

Mounting possible on all wall types. (Comfort +)

Silence technology: 51 dB(A).

COMFORT+ BRACKET VERSION



Complete solution: bowl with macerator + support frame + heat-bonded housing.

Universal self-supporting frame. (Comfort +)



No work: quick installation.

Can be connected to a washbasin.

3 housing colour options: White, Grey and Anthracite.

Silence technology: 51 dB(A).



Sanicompact Comfort+



Sanicompact Comfort

PACKING LIST

**Sanicompact Comfort, Comfort+**

Universal self-supporting frame (Sanicompact Comfort +)

Short frame with adjustable feet (Sanicompact Comfort)

Wall-hung bowl

Check valve

Soft closing toilet seat supplied

**Sanicompact Comfort+ Bracket**

Universal self-supporting frame

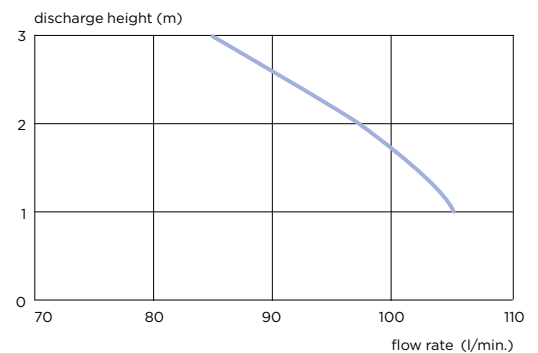
Wall-hung bowl

Housing

Check valve

Soft closing toilet seat supplied

PUMP PERFORMANCE CURVE





APPLICATIONS



Washbasin

PUMPING



WARRANTY



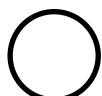
Sanicompact  
Comfort+ Bracket  
Anthracite  
EAN 3308815083254  
C72LVCPLUSAC

Sanicompact  
Comfort+ Bracket  
Grey  
EAN 3308815083261  
C72LVCPLUSAG

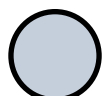
Sanicompact  
Comfort+ Bracket  
White:  
EAN 3308815083278  
C72LVCPLUSAW



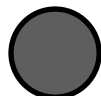
AVAILABLE COLOURS



White



Grey



Anthracite

SEMI-TRANSPARENT VIEW



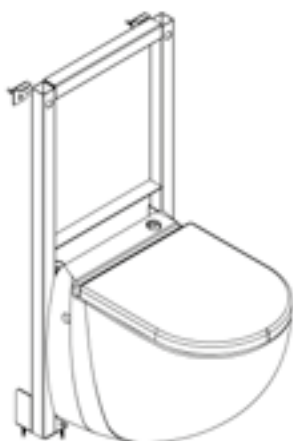
Sanicompact  
Comfort

Sanicompact  
Comfort+

TECHNICAL FEATURES

Number of available inlets	1
Ø of inlets	40 mm
Ø of recommended discharge pipe	32 mm
Flow rate	105 L/min
Power rating	550 W
Voltage	220-240 V/50 Hz
Electrical class	1
Noise level	51 dB(A)

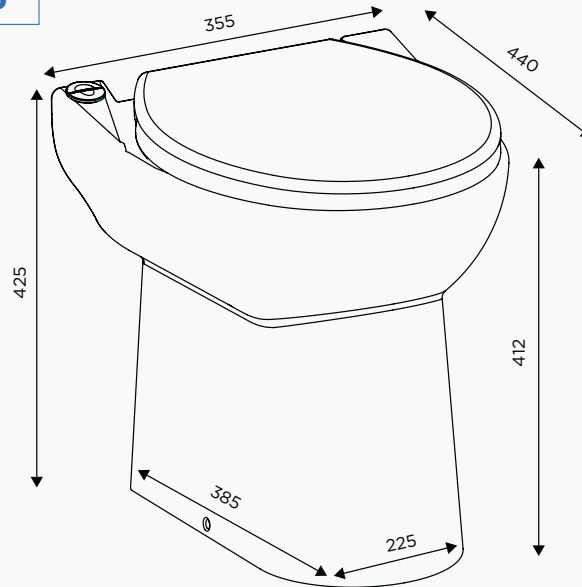
COMFORT+



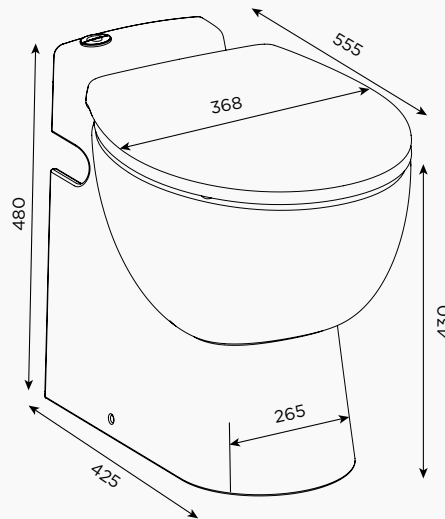
COMFORT+ BRACKET



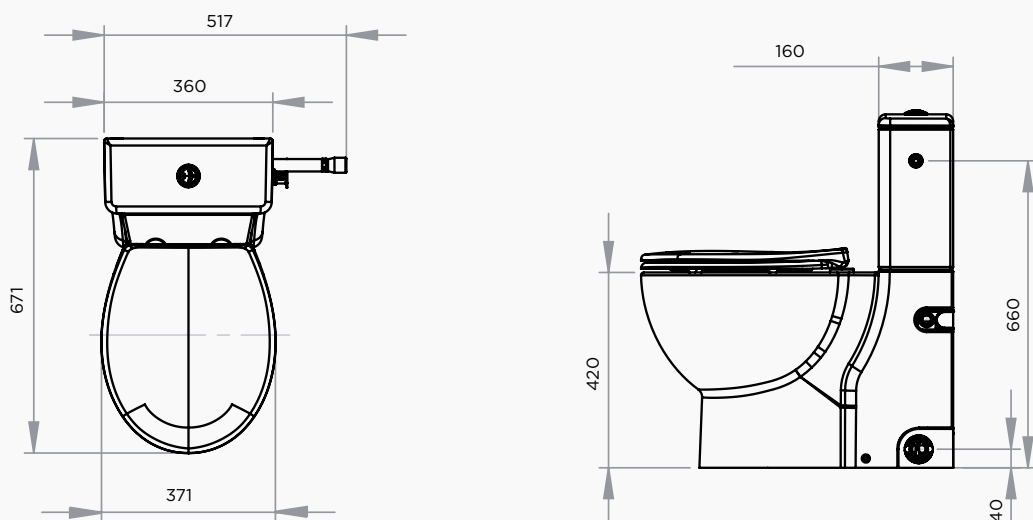
## Sanicompact 43



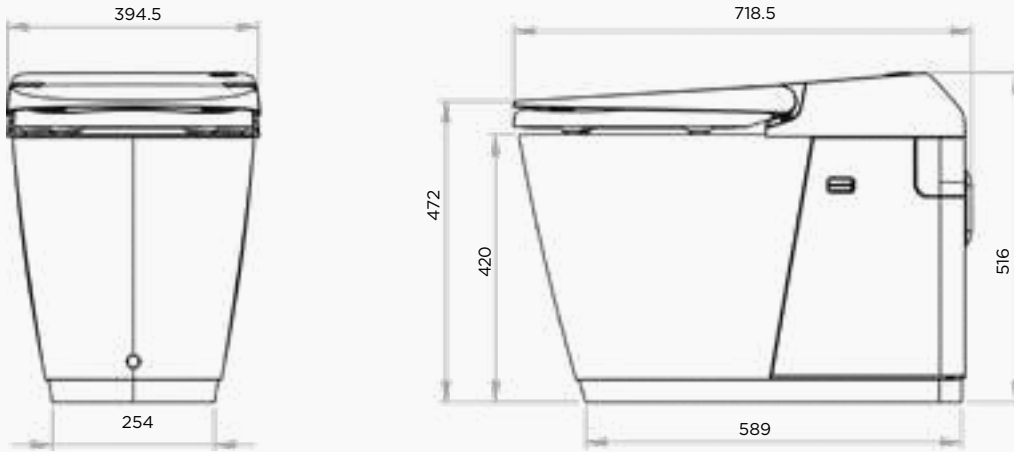
## Sanicompact Pro



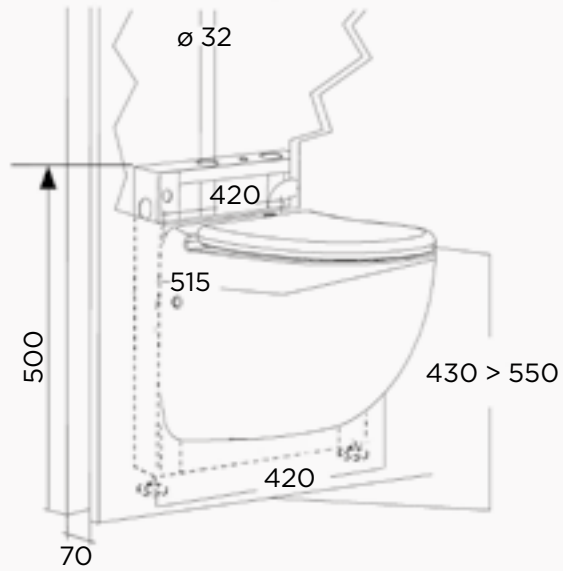
## Saniflush



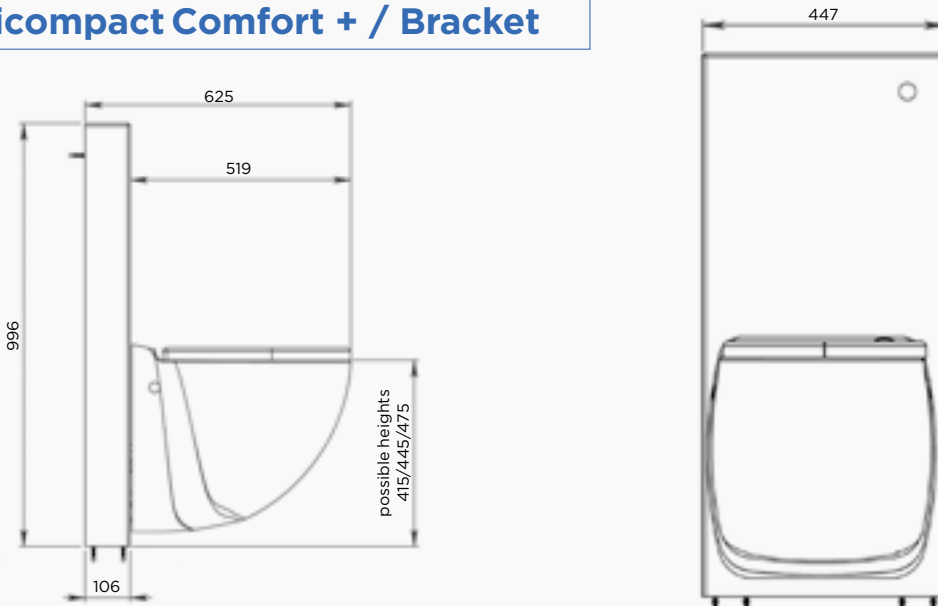
**Sanismart**



**Sanicompact Comfort**



**Sanicompact Comfort + / Bracket**



## WHY GREY WATER PUMP?

**SFA designs grey water pumps solutions that are easy to install, with no major works needed. Among these is the domestic pumps range, ideal for easily creating a new bathroom, kitchen, or laundry room.**

SFA pumps help you to create a new bathroom, kitchen or laundry room wherever you want in the house, even in the absence of gravity drainage.

Easy to install, these small size pumps can be placed inside a cabinet. They are also extremely quiet. An ideal solution for creating an additional shower room and increasing privacy when friends are visiting or your family grows. What's more, this investment also increases the property's value. In fact, it is estimated that creating an additional shower room increases a property's value by almost 10%.

BEFORE



AFTER



# Grey water pumps



	 Walk-in shower	 Shower tray	 Tiled shower tray	 Shower cubicle	 Bidet	 Wash basin	 Bath	 Washing machine	 Dish washer	 Sink
 <p><b>Sanifloor+ 1</b> Walk-in shower: pump + plughole for tiled floors</p>	 •									
 <p><b>Sanifloor+ 2</b> Walk-in shower: pump + plughole for flexible coverings</p>	•									
 <p><b>Sanifloor+ 3</b> Walk-in shower: pump + plughole for standard shower tray</p>		•								
 <p><b>Sanishower Flat</b> Pump and siphon for flat shower tray</p>	 •	•				•				
 <p><b>Sanishower</b> Pump suitable for standard shower tray</p>	 •	•		•	•	•				
 <p><b>Sanivite</b> Pump suitable for installing a kitchen</p>	 •			•	•	•	•	•	•	•
 <p><b>Sanispeed</b> Pump suitable for installing a laundry room or a kitchen</p>	 •			•	•	•	•	•	•	•
 <p><b>Saniaccess Pump</b> The domestic pump for discharging grey water with low-cost maintenance</p>	 •			•	•	•	•	•	•	•

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

## APPLICATIONS



Walk-in shower

## PUMPING

3 m  
30 m

## WARRANTY



GREY WATER PUMPS



# Sanifloor



The integrated detection system in the plughole is now **wireless**, for easier installation!



### OPERATING PRINCIPLE

The water running into the siphon automatically activates the pump thanks to the integrated detection system in the plughole. The water is then sucked up and discharged to the main pipe.

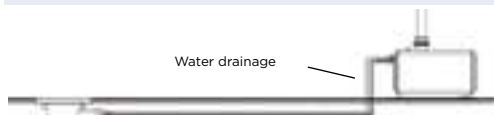
### TECHNICAL FEATURES

Shower tray height	0 cm
Max. distance between the pump and the siphon (horizontal)	3 m
Max. distance between the pump and the siphon (vertical)	30 cm

### SEMI-TRANSPARENT VIEW



### INSTALLATION DIAGRAM



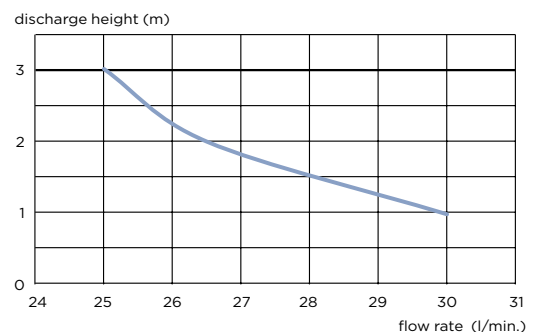
### PACKING LIST

Sanifloor+ Pump + Plughole  
Coupler with check valve  
Flexible pipe with 3m steel spring

### FEATURES OF THE PUMP

<b>High drainage rate</b>	30 L/min at 1 m
<b>Ø of inlets</b>	16 mm
<b>Ø of discharge pipe</b>	32 mm
<b>Voltage</b>	220-240 V/50 Hz
<b>Max. absorbed intensity</b>	1.7 A
<b>Power rating</b>	400 W
<b>Electrical class</b>	1
<b>Maximum temperature of incoming grey water</b>	35 °C
<b>Protection rating (IP)</b>	IP44

### PUMP PERFORMANCE CURVE





**Sanifloor+1**  
Plughole for tiled floors supplied with a sealing mat



**Sanifloor+ 2**  
Plughole for flexible coverings



**Sanifloor+ 3**  
Plughole for standard shower trays with 90 mm plughole



Easy installation: wireless communication between the pump and plughole.

Easy to maintain: replaceable detection module.

Installation with no major work: little disbursement; small diameter drainage (32 mm).

Heavy flow (30 L/min): compatible with rainfall showers.



A walk-in shower, anywhere, without major work.

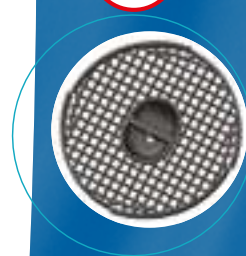
Easy maintenance thanks to the removable and cleanable hair filter (no screws).

REFERENCES

**Sanifloor+ 1**  
EAN 3308815076232  
HIFLOOR 1

**Sanifloor+ 2**  
EAN 3308815076249  
HIFLOOR 2

**Sanifloor+ 3**  
EAN 3308815076164  
HIFLOOR 3



New removable and cleanable filter

PLUGHOLE FEATURES

Outlet diameter 16 mm

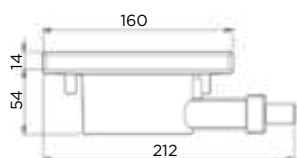
The **Sanifloor+** range offers 3 plughole versions for all the floor coverings on the market:

- **Sanifloor+ 1** for tiled floors
- **Sanifloor+ 2** for flexible floors
- **Sanifloor+ 3** for standard shower trays with 90 mm plughole

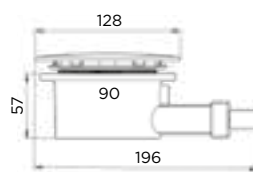
TOTAL HEIGHT

1. Plughole for tiled floors	68 mm
2. Plughole for flexible coverings	68 mm
3. Plughole for standard shower trays with 90 mm plughole	57 mm
Materials used	ABS / stainless steel

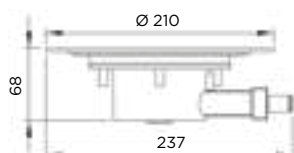
**Sanifloor+ 1**



**Sanifloor+ 3**



**Sanifloor+ 2**



## APPLICATIONS



Washbasin Shower cubicle

## PUMPING



## WARRANTY



## REFERENCE

EAN 3308815061016  
D6STD



# Sanishower Flat



Low starting level:  
30 mm.

Ultra-flat siphon compatible  
with most shower  
trays on the market.



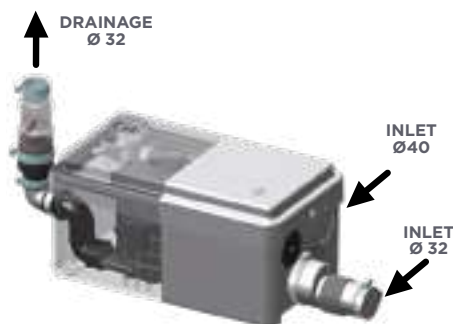
Specific pump and  
plughole for flat shower tray.

Low shower tray: 8 cm.

Compact design  
for discreet installation.



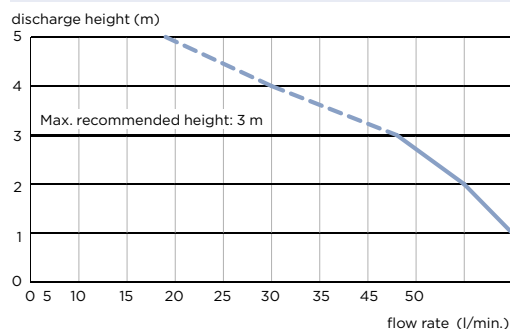
### SEMI-TRANSPARENT VIEW



### TECHNICAL FEATURES

<b>Activation height</b>	30 mm
<b>Shower tray height</b>	8 cm
<b>Max. flow</b>	45 L/min
<b>Number of inlets</b>	2
<b>Ø of inlets</b>	32 mm (shower) 40 mm (sink)
<b>Ø of discharge pipe</b>	32 mm
<b>Voltage</b>	220-240 V/50Hz
<b>Power rating</b>	250 W
<b>Max. absorbed intensity</b>	1.3 A
<b>Electrical class</b>	1
<b>Maximum temperature of incoming grey water</b>	35 °C
<b>Protection rating (IP)</b>	IP44
<b>Weight</b>	3.7 kg

### PUMP PERFORMANCE CURVE



### PACKING LIST

Specific Sanishower Flat pump + plughole  
Flexible discharge elbows  
Check valve

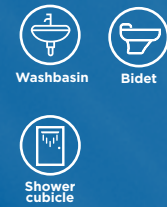
### INSTALLATION DIAGRAM







## APPLICATIONS



## PUMPING



## WARRANTY



## REFERENCE

EAN 3308811598011  
D2STD

GREY WATER PUMPS

# Sanishower



Low starting level.



Pump suitable for standard shower tray.

Low noise level.

Aesthetic design for discreet installation.



### SEMI-TRANSPARENT VIEW



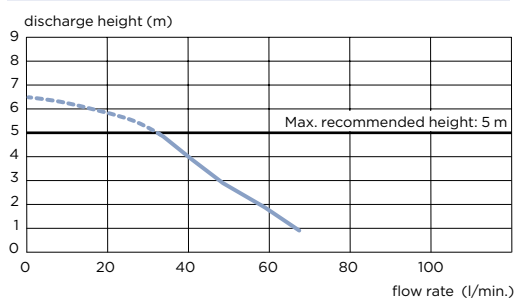
### TECHNICAL FEATURES

<b>Activation height</b>	60 mm
<b>Shower tray height</b>	12 cm
<b>Max. flow</b>	70 L/min
<b>Number of inlets</b>	2
<b>Ø of inlets</b>	32-40mm/40mm
<b>Ø of discharge pipe</b>	32 mm
<b>Voltage</b>	220-240 V/50 Hz
<b>Power rating</b>	250 W
<b>Max. absorbed intensity</b>	1.3 A
<b>Electrical class</b>	1
<b>Maximum temperature of incoming wastewater</b>	35 °C
<b>Protection rating (IP)</b>	IP44
<b>Weight</b>	4.6 kg

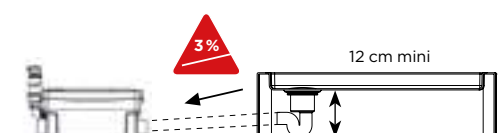
### PACKING LIST

Sanishower  
Check valve  
Connectors

### PUMP PERFORMANCE CURVE



### INSTALLATION DIAGRAM



## APPLICATIONS



Dish washer



Sink



Washbasin



Bath



Shower cubicle



Bidet

## PUMPING

5 m



## WARRANTY



## REFERENCE

EAN 3308811599018  
SVSTD



# Sanivite



Activated carbon filter.

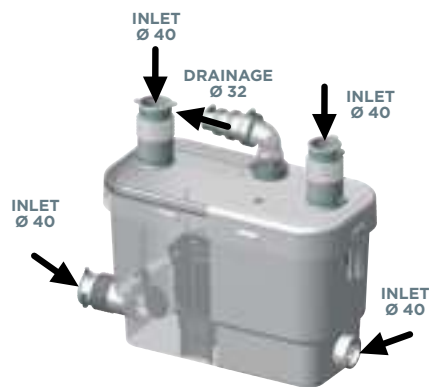


Pump suitable for installing a laundry room or a kitchen.

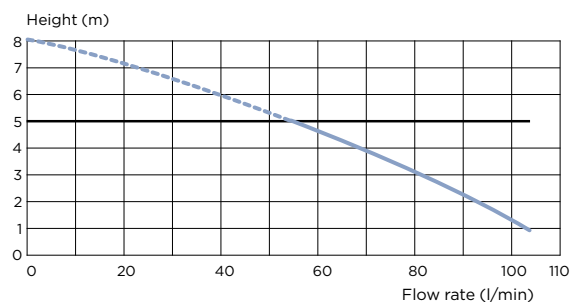
Small dimensions.



### SEMI-TRANSPARENT VIEW



### PUMP PERFORMANCE CURVE



### TECHNICAL FEATURES

<b>Activation height</b>	115 mm
<b>Shower tray height</b>	15 cm
<b>Max. flow</b>	100 L/min
<b>Number of inlets</b>	4
<b>Ø of inlets</b>	40 mm
<b>Ø of discharge pipe</b>	32 mm
<b>Voltage</b>	220-240 V/50 Hz
<b>Power rating</b>	400 W
<b>Max. absorbed intensity</b>	2 A
<b>Electrical class</b>	1
<b>Maximum temperature of incoming wastewater</b>	40° C - 60° C intermittently (max. 5 min)
<b>Protection rating (IP)</b>	IP44
<b>Weight</b>	6.4 kg

### PACKING LIST

Sanivite
Check valve
Connectors
Activated carbon filter included to neutralise odours





# Sanispeed



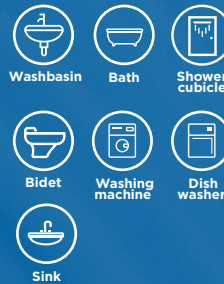
Ideal for installing a professional kitchen.  
Flow rate: 110 L/min.



Pump suitable for the installation of a kitchen.  
Water softener compatible.



## APPLICATIONS



## PUMPING



## WARRANTY

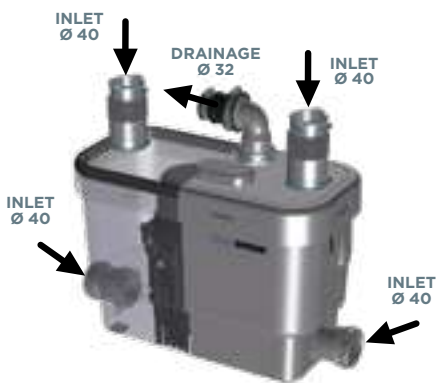


## REFERENCE

EAN 3308811579010  
SSPSTD



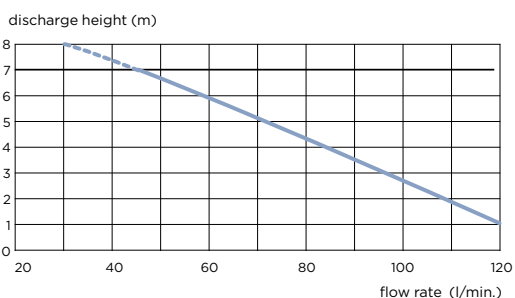
### SEMI-TRANSPARENT VIEW



### TECHNICAL FEATURES

Activation height	115 mm
Shower tray height	15 cm
Max. flow	110 L/min
Number of inlets	4
Ø of inlets	40 mm
Ø of discharge pipe	32 mm
Voltage	220-240 V/50 Hz
Power rating	400 W
Max. absorbed intensity	2 A
Electrical class	1
Maximum temperature of incoming wastewater	75°C intermittently (max. 5 min)
Protection rating (IP)	IP44
Weight	6.4 kg

### PUMP PERFORMANCE CURVE



### PACKING LIST

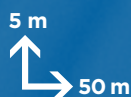
- Sanispeed
- Check valve
- Connectors
- Activated carbon filter included to neutralise odours



APPLICATIONS



PUMPING



WARRANTY



REFERENCE

EAN 3308815013190  
SANIACCESS4



# Saniaccess Pump



The domestic pump for grey water: easy maintenance.

Dual access to the product for maintenance.



Easy maintenance thanks to the dual product access, ideal for rental.

Low noise level: 46 dB(A).

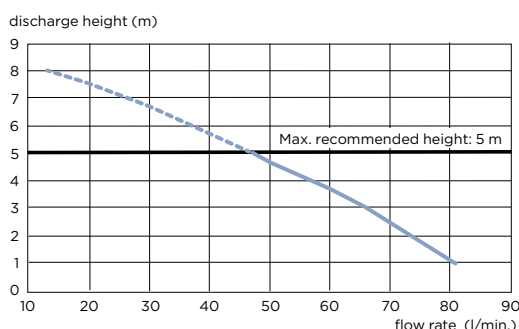


DUAL ACCESS TO THE PRODUCT



- ➔ Direct access to the mechanical area in case of a blockage (foreign bodies)
- ➔ Direct access to the electrics to replace any faulty components

PUMP PERFORMANCE CURVE



TECHNICAL FEATURES

Activation height	90 mm
Shower tray height	15 cm
Max. flow	80 L/min
Noise level	46 dB(A)
Number of inlets	3
Ø of inlets	40 mm
Ø of discharge pipe	32 mm
Voltage	220-240 V/50 Hz
Power rating	400 W
Max. absorbed intensity	1.7 A
Electrical class	1
Maximum temperature of incoming wastewater	75°C intermittently (max. 5 min)
Protection rating (IP)	IP44
Weight	6.4 kg

Suitable for use with water softener

PACKING LIST

- Saniaccess Pump
- Check valve and connectors supplied
- Connectors
- Carbon filter



# INSTALL YOUR NEW SHOWER ANYWHERE



## Sanifloor +1&2

**Pump + plughole**

Perfect for level access shower or wet room.

**SHOWER ACCESS HEIGHT: 0 CM**

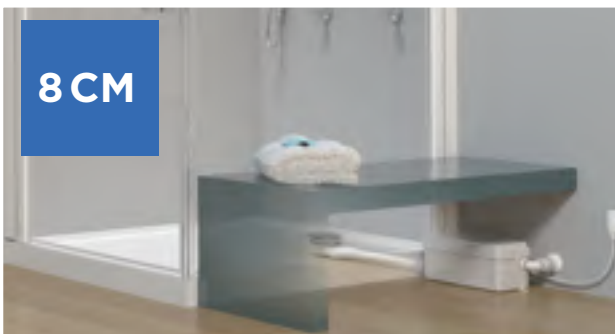


## Sanifloor +3

**Pump + plughole**

Perfect for level access shower or wet room.

**SHOWER ACCESS HEIGHT: 2 CM**



## Sanishower Flat

**Pump + plughole**

For low level tray.

**SHOWER ACCESS HEIGHT: 8 CM**



## Sanishower

**Pump**

Standard shower tray.

**SHOWER ACCESS HEIGHT: 12 CM**



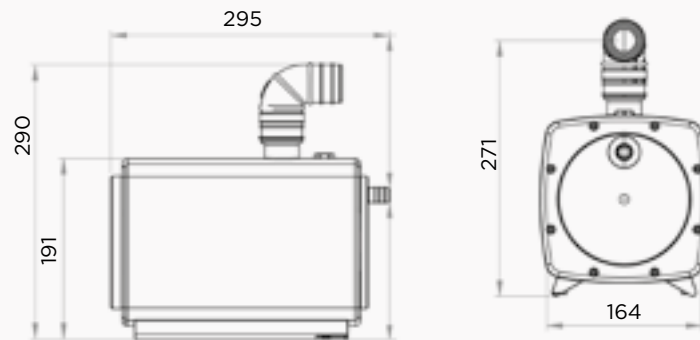
## Sanispeed Sanivite Saniaccess

**Pumps**

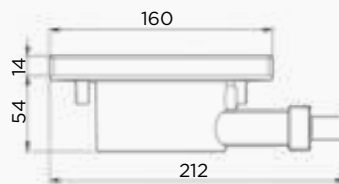
Standard shower tray.

**SHOWER ACCESS HEIGHT: 15 CM**

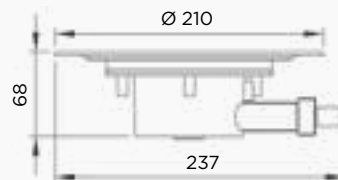
## Sanifloor



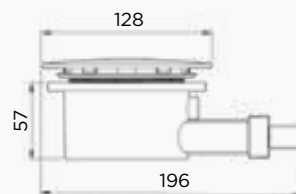
### Sanifloor+ 1



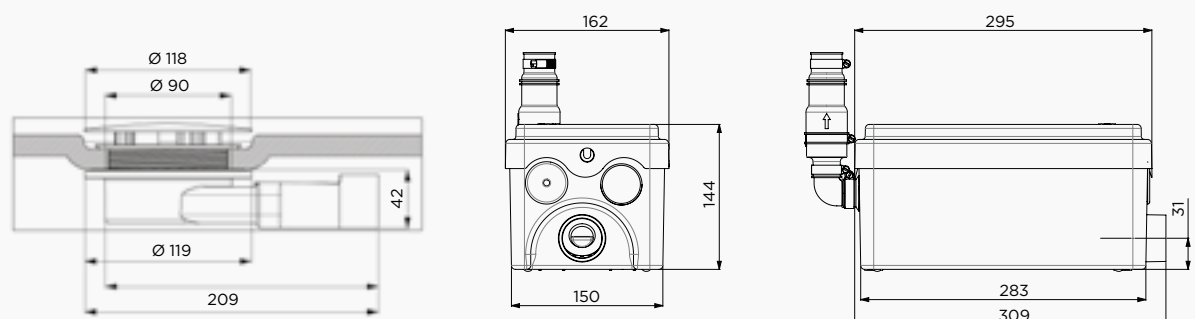
### Sanifloor+ 2



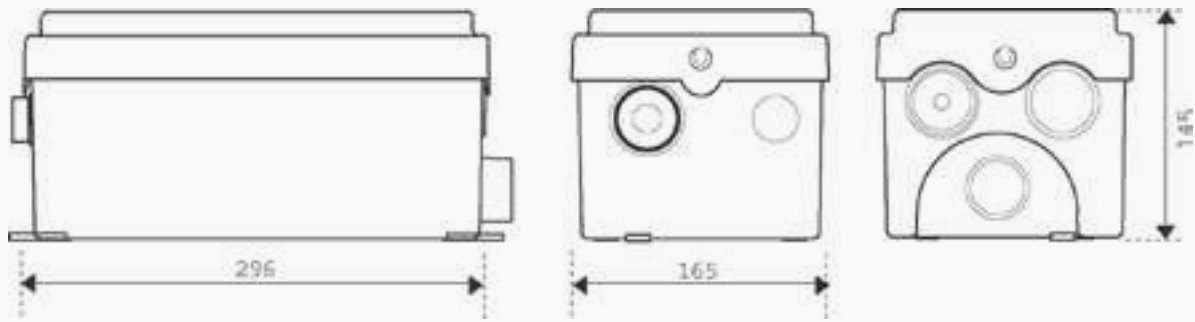
### Sanifloor+ 3



## Sanishower Flat

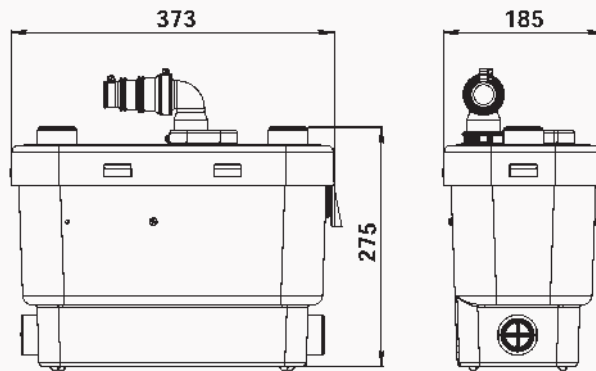


**Sanishower**

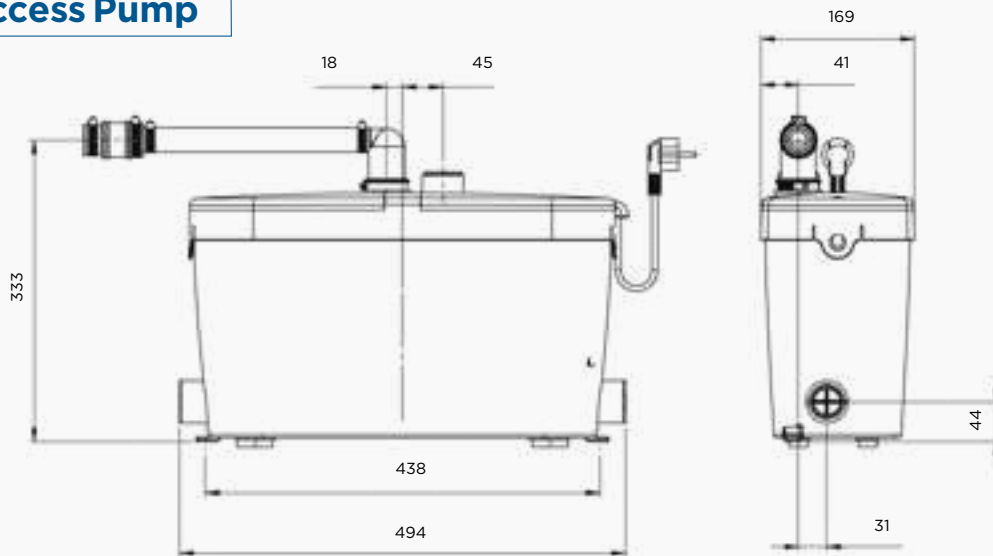


**Sanispeed**

**Sanivite**



**Saniaccess Pump**



WHY SANISUB?

## The SFA Sanisub range for all water discharge needs

Complete range of cellar pumps, dedicated to water lifting and more precisely to the evacuation of water from cellars, laundries, garages and other spaces subject to accidental and temporary flooding.








The Sanisub range offers steel and polypropylene bodies. Free passage from 1 to 30 mm and automatic starting with float or electronic level control. Sanisub range offers also solutions for aggressive water and hot water up to 90°C.





# Cellar pumps



	Clear waters Water boreholes, wells, sumps, swimming pools	Dirty water Flood waters, cellar drainage, run-off water, etc.		Wastewater: grey water	Corrosive water and/or saline water	Individual 
		Solid handling capacity < 1 mm	Solid handling capacity < 10 mm			
 <p><b>Sanipuddle</b> Leave only 1 mm</p> <p>p.50</p>	•					✓
 <p><b>Sanisub 400</b> 7 m immersion depth</p> <p>p.51</p>	•	•		•		✓
 <p><b>Sanisub ZPK</b> To empty a cellar</p> <p>p.52</p>	•	•	•	•		✓
 <p><b>Sanisub S-ZPK</b> For corrosive water</p> <p>p.53</p>	•	•	•	•	•	✓
 <p><b>Saniwell</b> To lift clear water from wells or cisterns</p> <p>p.54</p>	•	•		•		✓
 <p><b>Sanisub Steel and Emergency Kit</b> Complete stainless steel cellar pump</p> <p>p.56</p>	•	•		•		✓

CELLAR PUMPS

- EASY TO USE
- PERFECT FOR EMERGENCY PUMPING
- HANDHELD
- AUTOMATIC RELEASE INCLUDED OR OPTIONAL ACCORDING TO THE MODEL

APPLICATIONS



Individual

PUMPING

7 m



WARRANTY



REFERENCE

EAN 3308815081427  
SANIPUDDLE-001

CELLAR PUMPS



# Sanipuddle



- Mop pump.
- Dries up to 1 mm of water.
- Built-in check valve.
- Double mechanical watertight seal.

APPLICATIONS

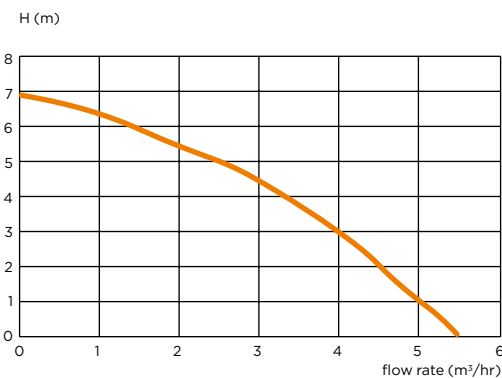
**Emergency pumping**

Portable pump for pumping pools  
For cellars, pond, swimming pool and spa floors, lifts

PERFORMANCE

Max. height	7 m
Max. flow	5.5 m <sup>3</sup> /hr

PUMP PERFORMANCE CURVE



FEATURES

- Submersible pump for clear waters
- Made from polypropylene and stainless steel
- Double mechanical watertight seal
- Vertical pressure release 1 ¼" with DN 25 hose connector
- 5 m immersion depth
- Solid handling capacity 1 mm
- T° max. acceptable at 5 minute intervals: 70 °C
- Multi-channel wheel

PACKING LIST

- Sanipuddle pump
- 10 m power cable
- Check valve



ELECTRONIC LEVEL CONTROL FOR SANIPUDDLE OPTIONAL.  
REF. : HYDRO-00048

REFERENCE	U (V)	P1 (W)	P2 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	PROTECTION RATING (IP)	Q MAX (M <sup>3</sup> /HR)	H MAX (M)	WEIGHT (KG)
Sanipuddle	230	300	160	50-60	1.3	2,800	IP68	5.5	7	3.77



# Sanisub 400



- Submersible pump.
- Automatic release.
- Built-in check valve.
- Sucks up to 5 mm without suction strainer.
- Floating ring seal provided.

## APPLICATIONS

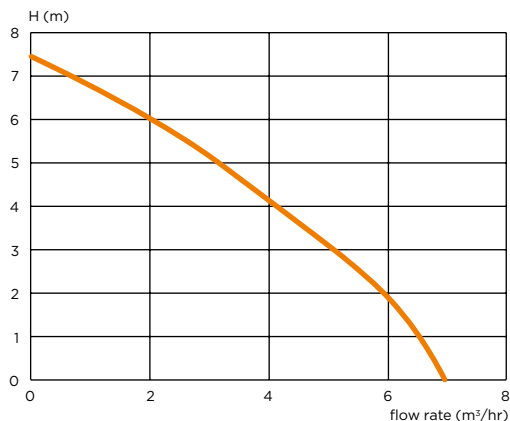
### Emergency pumping

Drainage of cellars, water pumping from sumps and garages

## PERFORMANCE

Max. height	7.5 m
Max. flow	7 m <sup>3</sup> /hr

## PUMP PERFORMANCE CURVE



## FEATURES

- Jacket cooled submersible pump for clear water
- Made from polypropylene and stainless steel
- Discharge pipe diameter 1 1/4"
- 7 m immersion depth
- Solid handling capacity 10 mm
- T° max. acceptable at 5 minute intervals: 70 °C
- Multi-channel wheel

## PACKING LIST

- Sanisub 400 pump
- 10 m power cable
- 90° connection elbow with check valve
- Floating ring seal

REFERENCE	U (V)	P1 (W)	P2 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	PROTECTION RATING (IP)	Q MAX (M <sup>3</sup> /HR)	H MAX (M)	WEIGHT (KG)
Sanisub 400	230	400	180	50-60	1.4	2800	IP68	7	7.5	4.6

## APPLICATIONS



Individual

## PUMPING

7.5 m



## WARRANTY



## REFERENCE

EAN 3308815081632  
SANISUB-005



Floating ring seal provided.

## APPLICATIONS



Individual

## PUMPING

7.5 m



## WARRANTY



### References:

**Sanisub ZPK 30 A**  
EAN 3308815081434  
SANISUB-001

**Sanisub ZPK 40 A**  
EAN 3308815081441  
SANISUB-002



# Sanisub ZPK



- Portable pump.
- Automatic release by adjustable float.
- Solid handling capacity from 10 to 30 mm.
- Built-in check valve.



### APPLICATIONS

#### Portable pump for emergency pumping

Pumping clear water from cellars, garages, rainwater manholes, etc.

Drainage of grey household water without faeces (showers, washing machines, sinks, etc.)

### FEATURES

Submersible pump for grey water, made from polypropylene and stainless steel

Discharge pipe diameter 1 1/4"

Fixable or spare float switch as standard

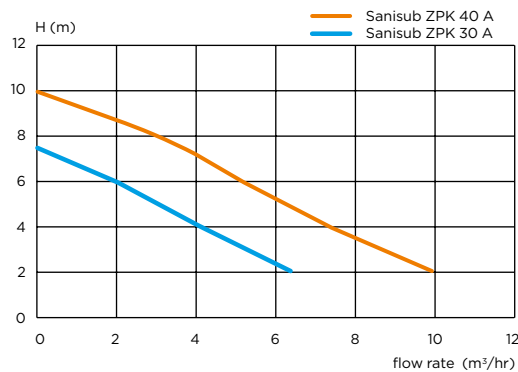
5 m immersion depth

Solid handling capacity of 10 mm for ZPK 30 A, 30 mm for ZPK 40 A

T° max. acceptable at 5 minute intervals: 90 °C

Multi-channel wheel

### PUMP PERFORMANCE CURVE



### PERFORMANCE

Max. height 10 m

Max. flow 10 m³/hr

### PACKING LIST

Sanisub ZPK pump

90° connection elbow (30 A DN 25, 40 A DN 32) with check valve

10 m power cable with plug

REFERENCE	U (V)	P1 (W)	P2 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	PROTECTION RATING (IP)	Q MAX (M³/HR)	H MAX (M)	WEIGHT (KG)
Sanisub ZPK 30 A	230	300	130	50-60	1.3	2800	IP68	7	7.5	4.5
Sanisub ZPK 40 A		850	430		3.7			10	10	6.5



# Sanisub S ZPK



- Portable pump for chemical aggressive or saline water (max. salt content 15%).
- Automatic release by adjustable float.
- Solid handling capacity from 10 to 30 mm.
- Built-in check valve.

## APPLICATIONS



Individual

## PUMPING

10 m



## WARRANTY



### References:

**Sanisub S ZPK 30 A**  
EAN 3308815081458  
SANISUB-003

**Sanisub S ZPK 40 A**  
EAN 3308815081465  
SANISUB-004

CELLAR PUMPS



### APPLICATIONS

#### Portable pump for emergency pumping

Drainage of brine water from softeners and corrosive or saline water (max. 15%)

Pumping clear water from cellars, garages, rainwater manholes, etc.

Drainage of grey household water without faeces (showers, washing machines, sinks, etc.)

### FEATURES

Submersible pump for grey water, made from polypropylene and stainless steel

Discharge pipe diameter 1 1/4"

Fixable or spare float switch as standard

Mechanical lining in silicon carbide and stainless steel 316 L crankcase

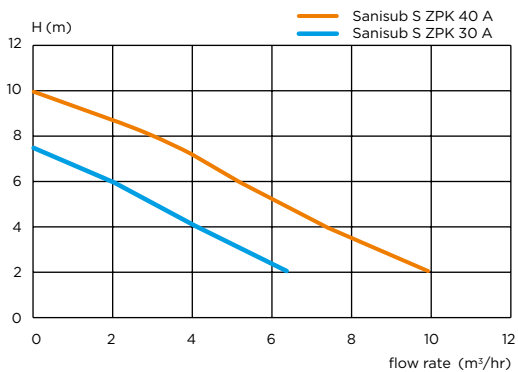
5 m immersion depth

Solid handling capacity of 10 mm for S ZPK 30 A, 30 mm for S ZPK 40 A

T° max. acceptable at 5 minute intervals: 90 °C

Multi-channel wheel

### PUMP PERFORMANCE CURVE



### PERFORMANCE

Max. height 10 m

Max. flow 10 m³/hr

### PACKING LIST

Sanisub S ZPK pump

90° connection elbow (30 A DN 25, 40 A DN 32) with check valve

10 m power cable with plug

REFERENCE	U (V)	P1 (W)	P2 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	PROTECTION RATING (IP)	Q MAX (M³/HR)	H MAX (M)	WEIGHT (KG)
Sanisub S ZPK 30 A	230	300	130	50-60	1.3	2,800	IP68	7	7.5	4.5
Sanisub S ZPK 40 A		850	430		3.7			10	10	6.5

## APPLICATIONS



Individual

## PUMPING

20 m



## WARRANTY



## REFERENCES

See table right page



# Saniwell



Water-cooled motor.

Submersible pump up to 20 m deep.

Float switch supplied as standard in "MA" versions.

20 m power cable.

## APPLICATIONS

Saniwell is a 5" multi-stage submersible pump designed to lift clear water from wells or cisterns used for general water supply or garden irrigation

Saniwell can lift water from a well up to 80 m, with a maximum submersion of 20 m.

## FEATURES

Water-cooled motor

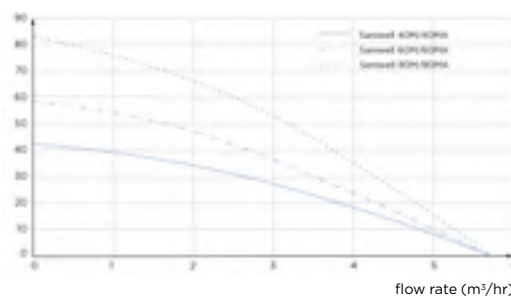
Submersible pump up to 20 m deep

Float switch supplied as standard in "MA" versions

20 m power cable

## PUMP PERFORMANCE CURVE

H (m)



## PERFORMANCE

Total manometric head 82 m

Max. flow 5.7 m³/hr

## PACKING LIST

Saniwell pump

90° connection elbow (30 A DN 25, 40 A DN 32) with check valve

20 m power cable with plug



Saniwell 40 M	Saniwell 40MA	Saniwell 60 M	Saniwell 60 MA	Saniwell 80 M	Saniwell 80 MA
---------------	---------------	---------------	----------------	---------------	----------------

**MATERIALS**

	Saniwell 40 M	Saniwell 40MA	Saniwell 60 M	Saniwell 60 MA	Saniwell 80 M	Saniwell 80 MA
Pump housing	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Shaft	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Waterproofing	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic
Motor housing	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Impeller	PPO GF	PPO GF	PPO GF	PPO GF	PPO GF	PPO GF

**ELECTRICAL FEATURES**

	Saniwell 40 M	Saniwell 40MA	Saniwell 60 M	Saniwell 60 MA	Saniwell 80 M	Saniwell 80 MA
Voltage (V)	230	230	230	230	230	230
Frequency (Hz)	50-60	50-60	50-60	50-60	50-60	50-60
Power consumption P1 (W)	1000	1000	1250	1250	1800	1800
RPM (=revolution per minute)	2850	2850	2850	2850	2850	2850
Electrical class	I	I	I	I	I	I
Motor insulation class	F	F	F	F	F	F
Immersion depth (m)	20	20	20	20	20	20
Power cable: Length (m)	20	20	20	20	20	20
Power cable: Type, section	H07 RN-F , 1	H07 RN-F , 1	H07 RN-F , 1	H07 RN-F , 1	H07 RN-F , 1	H07 RN-F , 1

**HYDRAULICS**

	Saniwell 40 M	Saniwell 40MA	Saniwell 60 M	Saniwell 60 MA	Saniwell 80 M	Saniwell 80 MA
Total manometric head (m)	45	45	57	57	82	82
Max. flow rate (m <sup>3</sup> /h)	5.7	5.7	5.7	5.7	5.7	5.7
Discharge diameter G (pouces)	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4	1"1/4
Particle size (mm)	1	1	1	1	1	1
Type of wheel	Multi-channel	Multi-channel	Multi-channel	Multi-channel	Multi-channel	Multi-channel
Type of activation	Manual	Float	Manual	Float	Manual	Float

**IDENTIFICATION AND LOGISTICS**

	Saniwell 40 M	Saniwell 40MA	Saniwell 60 M	Saniwell 60 MA	Saniwell 80 M	Saniwell 80 MA
Gross weight (kg)	12	12	13	13	15	15
EAN code	3308815081472	3308815081489	3308815081496	3308815081502	3308815081519	3308815081526
Factory code	SANIWELL-001	SANIWELL-002	SANIWELL-003	SANIWELL-004	SANIWELL-005	SANIWELL-006

APPLICATIONS



Individual

PUMPING

7.5 m



WARRANTY



REFERENCE

EAN 3308815082639  
SANISUBSTEEL-101

CELLAR PUMPS



# Sanisub Steel

—AND EMERGENCY KIT



- Submersible pump.
- Automatic release.
- Optimised motor cooling.
- Complete kit.



Pump only reference:

EAN 3308815081700  
SANISUBSTEEL-001

APPLICATIONS

**Emergency pumping**

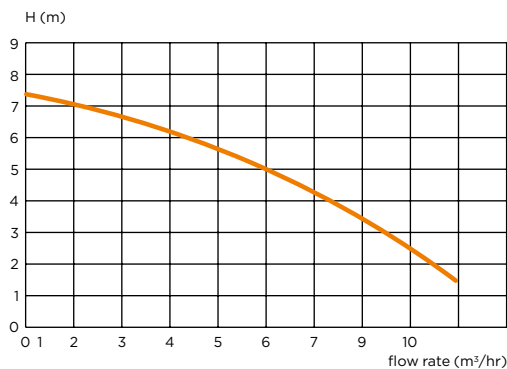
For lightly soiled clear water

For water discharge from ponds, tanks and flooded cellars

PERFORMANCE

Max. height	8 m
Max. flow	9 m <sup>3</sup> /hr

PUMP PERFORMANCE CURVE



FEATURES

- Portable design in stainless steel
- Integrated motor protection
- Modular release thanks to the cable tie eyelet on the float
- Discharge pipe diameter 1 1/4"
- 5 m immersion depth
- Solid handling capacity 10 mm
- T° max. acceptable at 5 minute intervals: 70 °C
- Multi-channel wheel

PACKING LIST

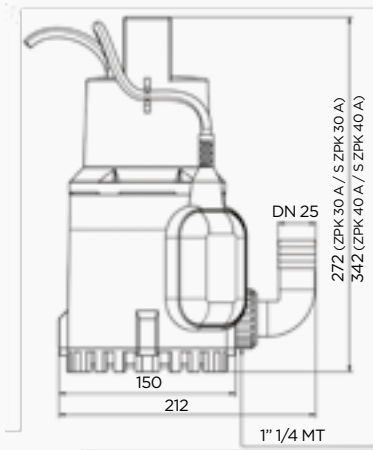
- Stainless steel pump
- Basket with fixing kit
- Retaining cannula
- 15 m drain hose with quick symmetrical connectors
- 10 m power cable

REFERENCE	U (V)	P1 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	PROTECTION RATING (IP)	Q MAX (M <sup>3</sup> /HR)	H MAX (M)	WEIGHT (KG)
Sanisub STEEL EMERGENCY KIT	230	450	50-60	2	2,800	IP68	9	8	13

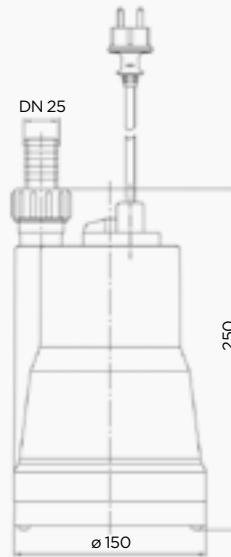


### Sanisub ZPK

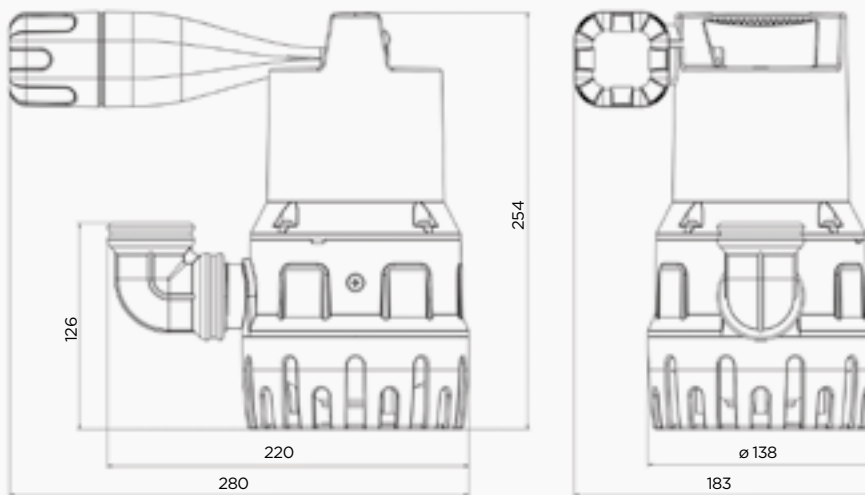
### Sanisub S ZPK



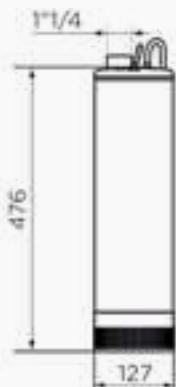
### Sanipuddle



### Sanisub 400

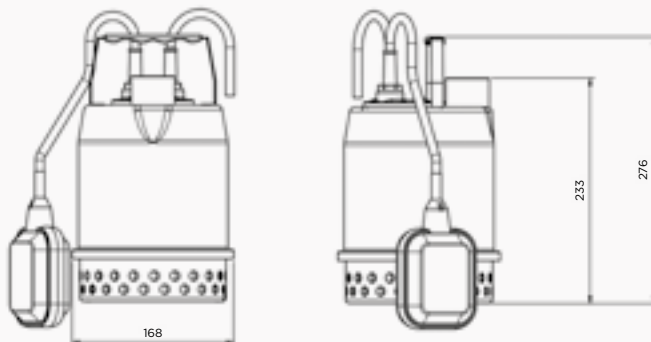


### Saniwell



### Sanisub Steel

AND EMERGENCY KIT



## WHY SANICLIM?

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

**To meet this need, SFA offers a range of quiet and efficient solutions to remove condensates from air conditioners with a cooling capacity of up to 8 kW.**

### **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



Air conditioner



## Sanicondens Clim Mini S

Extremely compact design for a completely discreet installation

P.60



NEW



## Sanicondens Clim Pack S

A compact and complete solution



NEW



## Sanicondens Clim Deco

Easy access for maintenance

P.61



AIR CONDITIONING PUMPS

- 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

## APPLICATIONS



Air conditioner

## PUMPING

6 m



## WARRANTY



References:  
Sanicondens  
Clim mini S  
EAN 3308815083520  
CLIMMINI3S

Sanicondens  
Clim pack S  
white downspout  
EAN 3308815083919  
CLIMPACK3SBL

Sanicondens  
Clim mini S



Sanicondens  
Clim mini S comes with  
an anti-drain vacuum  
breaker as standard

Sanicondens  
Clim pack S



# Sanicondens Clim Mini S Sanicondens Clim Pack S

**NEW**



Security system  
(130 °C thermal protector, overflow alarm switch).  
Easy control: transparent base.  
Anti-drain with vacuum breaker as standard.

### Clim pack

Easy assembly (fixing and connection  
accessories supplied)  
Reversible plate (right/left).



Silent: Only 21 dB(A).



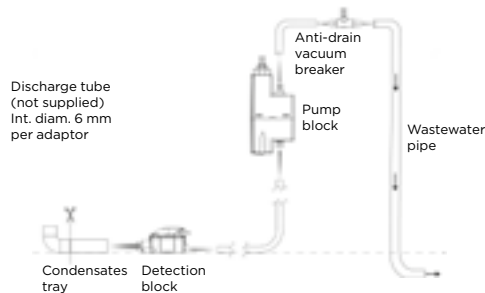
### Clim mini

A miniature pump with increased compactness  
for completely discreet installation.

### Clim pack

A complete solution  
for an attractive installation.

## OPERATING PRINCIPLE



## TECHNICAL FEATURES

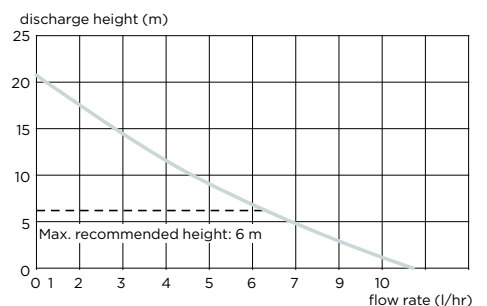
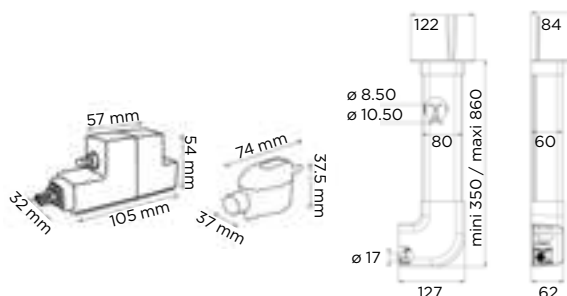
<b>Noise level</b>	21 dB(A)
<b>Possible connections</b>	Air conditioners up to 8 kW
<b>Ø of the inlet</b>	16 mm
<b>Ø of drainage pipe</b>	6 mm
<b>Maximum flow</b>	9 l/hr +/- 15%
<b>Maximum incoming water temperature</b>	35 °C
<b>Maximum suction (between the detection unit and the pump)</b>	2 m
<b>Voltage</b>	220-240 V
<b>Frequency</b>	50 Hz
<b>Max. absorbed power</b>	22 W
<b>Protection rating (IP)</b>	IP24

## PACKING LIST

Pump, detection unit, downspout (only  
on Sanicondens Clim pack S)

1.2 m flexible pipe, mounting bracket,  
vent tube, power cable supplied, vacuum breaker

## DIMENSIONS - PUMP PERFORMANCE CURVE





## APPLICATIONS



## PUMPING

6 m  
↑

## WARRANTY



## REFERENCE

EAN 3308815012216  
CLIMDECO2

# Sanicondens Clim Deco



Simple installation:  
delivered with its own fixing kit.  
Good accessibility for maintenance.



Attractive curved design.  
Compact.  
Thermal protector  
with automatic reset.

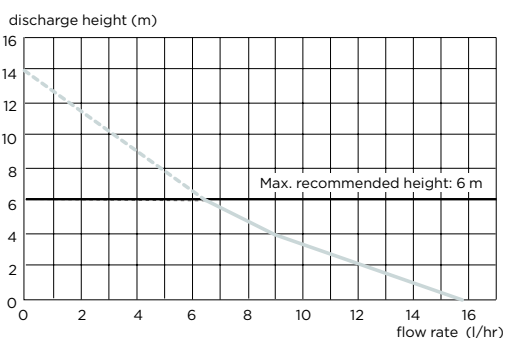
### SEMI-TRANSPARENT VIEW



### TECHNICAL FEATURES

<b>Possible connections</b>	Air conditioners up to 10 kW
<b>Ø of the inlet</b>	22 mm
<b>Ø of drainage pipe</b>	8-10 mm
<b>Tank volume</b>	175 ml
<b>Maximum flow</b>	15 l/hr
<b>Maximum incoming water temperature</b>	35°C
<b>Voltage</b>	220-240 V
<b>Frequency</b>	50 Hz
<b>Max. absorbed power</b>	22 W
<b>Protection rating (IP)</b>	IP24

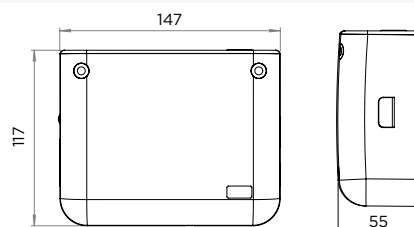
### PUMP PERFORMANCE CURVE



### PACKING LIST

Sanicondens Clim deco  
Wall mounting and screw cover

### DIMENSIONS



A large, dynamic splash of water in shades of blue and white, filling the background of the page. The water is captured in mid-air, creating a sense of movement and freshness. The splash is most prominent at the top and right edges, with smaller droplets and bubbles scattered throughout.

## WHY SANICONDENS?

Condensate from boilers is not always able to drain through with gravitational flow.

**This is why SFA provides a range of condensate evacuation pumps: for gas and oil boilers, for small kitchen boilers as well as for large capacity boilers (up to 80 kW).**

*According to legislation, condensates emitted by combustion appliances must only flow out via drainage systems resistant to wastewater with a pH value below 6.5.*

***These pumps are also compatible with heat pumps and thermodynamic flasks***

National and local regulations may require pre-treatment of condensates

**SFA therefore also offers a whole range of condensate neutralisation systems, either integrated into the pump or not.**

# Condensate pumps for boilers



GAS boiler



Oil boiler



Air conditioner



Refrigerated display



Dehumidifier



Air conditioning box

## DISCHARGE PUMPS



### Sanicondens Deco+

Ideal for boilers installed in kitchens

**p.64** MAXIMUM 25 kW



### Sanicondens Eco

For easy pumping

**p.65** MAXIMUM 50 kW

MAXIMUM 30 kW (with Sanineutral)



### Sanicondens Pro

All accessories as standard and an alarm pre-connection

**p.66** MAXIMUM 50 kW

MAXIMUM 30 kW (with Sanineutral)

NEW

NEW

## PUMP WITH NEUTRALISATION SYSTEM



### Sanicondens Best Flat

Low inlet for floor-mounted boiler

**p.67** MAXIMUM 80 kW

MAXIMUM 50 kW

## NEUTRALISATION SYSTEMS



### Sanineutral Mini

Ideal for boilers installed in kitchens

**p.68** MAXIMUM 25 kW



### Sanineutral

Suitable for wall and floor-mounted boilers

**p.69** MAXIMUM 50 kW

MAXIMUM 35 kW

- COMPACT AND DISCREET INSTALLATION
- SIMPLE INSTALLATION WITH THE FIXING KIT
- SEVERAL INLETS AVAILABLE FOR GREATER FLEXIBILITY OF INSTALLATION

## APPLICATIONS



Boiler

## PUMPING

6 m  
 60 m

## WARRANTY



## REFERENCE

EAN 3308815075389  
 SKDECO



# Sanicondens Deco



Ideal for removing condensates from a kitchen boiler.

Wall mounting supplied as standard.



Optimised design for quietness < 25 dB(A).

Compact.

Design.



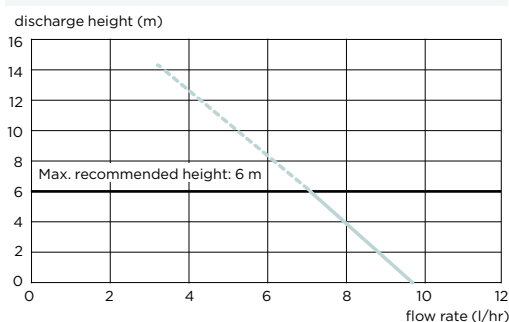
### SEMI-TRANSPARENT VIEW



### TECHNICAL FEATURES

<b>Ø of inlets</b>	22 mm
<b>Number of available inlets</b>	1
<b>Ø of discharge pipe</b>	8-10 mm
<b>Tank volume</b>	175 ml
<b>Maximum flow</b>	10 l/hr
<b>Maximum temperature of incoming water</b>	55°C (S3 15%)
<b>Max. power of the associated gas boiler</b>	25 kW
<b>Voltage</b>	220-240 V
<b>Frequency</b>	50 Hz
<b>Max. absorbed power</b>	22 W
<b>Noise level</b>	< 25 dB(A)
<b>Electrical class</b>	1
<b>Protection rating (IP)</b>	IP24

### PUMP PERFORMANCE CURVE



### PACKING LIST

Sanicondens Deco +  
 Wall mounting and screw cover



## APPLICATIONS



Boiler



Air conditioner



Air conditioning box



Display



Dehumidifier

## PUMPING

4.5 m



## WARRANTY



## REFERENCE

EAN 3308815083681  
SK6ECO



BOILER PUMPS

NEW

# Sanicondens Eco



Flexibility: connections possible with gas and oil boilers (using Sanineutral or Sanineutral Mini), floor and wall mounted, refrigerated display cases, air conditioners, air conditioning boxes and dehumidifiers.

Easy installation:  
supplied with check valve. Wall or floor fixing.  
2 inlets available.



Compact design.

Quiet < 45 dB(A).

### SEMI-TRANSPARENT VIEW



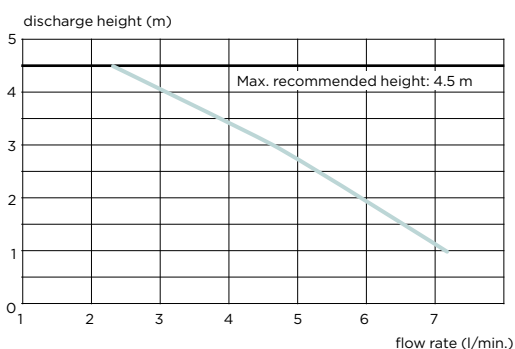
### PACKING LIST

Sanicondens Eco

Check valve supplied

**Supplied with:** fixing screw, 1 inlet adaptor, 1 drainage hose (5 m) and a 1.5 m power cable, 1 outlet adaptor

### PUMP PERFORMANCE CURVE



### TECHNICAL FEATURES

Ø of inlets	28 mm
Number of available inlets	2
Ø of discharge pipe	10 mm
Tank volume	2.2 l
Maximum flow at 1 m	6.2 l/min
Maximum temperature of incoming water	80°C (S3 15%)
Max. power of the associated gas boiler	50 kW
Max. power of the associated oil boiler	30 kW
Voltage	220-240 V
Frequency	50 Hz
Max. absorbed power	60 W
Max. absorbed intensity	0.52 A
Electrical class	I
Protection rating (IP)	IP20
Weight	2 kg
Noise level	< 45 dB(A)



## APPLICATIONS



Boiler



Air conditioner



Air conditioning box



Back-to-wall sanitaryware



Dehumidifier

## PUMPING

4.5 m



## WARRANTY



## REFERENCE

EAN 3308815083674  
SK6



# Sanicondens Pro



Flexibility: connections possible with gas and oil boilers (using Sanineutral or Sanineutral Mini), floor and wall mounted, refrigerated display cases, air conditioners, air conditioning boxes and dehumidifiers.

Easy installation: complete installation kit inlet and outlet adaptors, all power cables and alarm.

Alarm pre-connection.



Compact design.

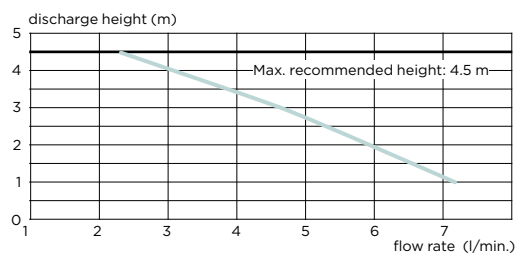
Quiet < 45 dB(A).



### SEMI-TRANSPARENT VIEW



### PUMP PERFORMANCE CURVE



### PACKING LIST

Sanicondens Pro

Check valve supplied

**Supplied with:** fixing screw, 1 inlet adaptor, 1 outlet adaptor (Ø 50 mm), 1 drainage hose (5 m) and a 1.5 m power cable, 1 rubber cap, 1 alarm pre-connection cable

### TECHNICAL FEATURES

Ø of inlets	28 mm
Number of available inlets	2
Ø of discharge pipe	10 mm
Tank volume	2.2 l
Maximum flow at 1 m	6.2 l/min
Maximum temperature of incoming water	80°C (S3 15%)
Max. power of the associated gas boiler	50 kW
Max. power of the associated oil boiler	30 kW
Voltage	220-240 V
Frequency	50 Hz
Max. absorbed power	60 W
Max. absorbed intensity	0.52 A
Electrical class	I
Protection rating (IP)	IP24
Weight	2 kg
Noise level	< 45 dB(A)





## APPLICATIONS



Boiler



Dehumidifier

## PUMPING

4.5 m  
 50 m

## WARRANTY



## REFERENCE

EAN 3308815081410  
 SK6N

# Sanicondens Best Flat



Low 47 mm inlet for floor-standing boiler

Easy installation:  
 Complete installation kit  
 supplied with check valve.  
 Integrated neutralisation system.

Alarm pre-connection.



Integrated neutralisation system  
 to protect the pipes  
 from acid attacks.

Complete and compact system.

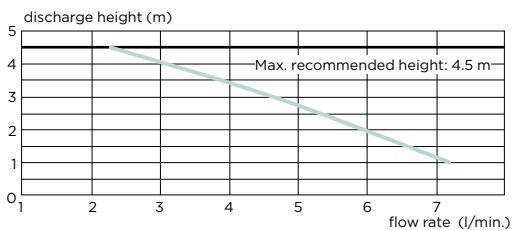
Quiet < 45 dB(A).



## SEMI-TRANSPARENT VIEW



## PUMP PERFORMANCE CURVE



## PACKING LIST

Sanicondens Best flat

Wall fixing - Check valve supplied

**Delivered with:** fixing screw, 1 inlet adapter,  
 1 outlet adapter (Ø 50 mm), 1 drainage hose, 5 m  
 int. Ø: 10 mm, a 1.5 m power cable, 1 alarm cable, 2 x  
 1.5 m strands, 1.2 kg neutralisation granules



**Optional:**  
 1.2 kg bottle of neutralisation  
 granules

Ref: SACHGRANULEEUR

**Reference:** EAN 3308815011134

## TECHNICAL FEATURES

Ø of inlets	28 mm
Number of available inlets	3
Ø of discharge pipe	10 mm
Tank volume	3.5 l
Maximum flow at 1 m	6.2 l/min
Maximum temperature of incoming water	80°C (S3 15%)
Max. power of the associated gas boiler	80 kW
Max. power of the associated oil boiler	50 kW
Voltage	220-240 V
Frequency	50 Hz
Max. absorbed power	60 W
Electrical class	1
Protection rating (IP)	IP24
Weight	2 kg
Noise level	< 45 dB(A)
Neutralisation granules	1.2 kg

## APPLICATIONS



Boiler

## WARRANTY



## REFERENCE

EAN 3308815075778  
NEUTRALMINISTD



# Sanineutral Mini



Easy installation:  
supplied with the granules.  
Suitable for wall and floor-mounted boilers.  
Wall or floor fixing possible.

Easy maintenance:  
Removable cover without  
having to disconnect the hoses.



Transparent: allows easy inspection  
of the granule status.

Protects piping from acid attacks.

Compact design.

BOILER PUMPS



### PACKING LIST

Sanineutral Mini with integrated siphon  
Fastening yokes  
1.2 kg neutralisation granules

### TECHNICAL FEATURES

<b>Number of available inlets</b>	2
<b>Top inlet diameter (fitting included)</b>	32/ 40 mm
<b>Side inlet diameter (fitting included)</b>	32 mm
<b>pH min</b>	2.5
<b>Max. power of the associated gas boiler</b>	25 kW

### NEUTRALISATION GRANULES



**1.2 kg refill bottle of neutralisation granules optional**  
Ref: SACHGRANULEEUR

The granules neutralise the acidity  
of the condensates from boilers.

Replace about once a year.

**Reference:** EAN 3308815011134





## APPLICATIONS



Boiler

## WARRANTY



## REFERENCE

EAN 3308815060927  
NEUTRALSTD

# Sanineutral



Easy installation: supplied with the granules.  
Suitable for wall-mounted and floor-standing boilers.

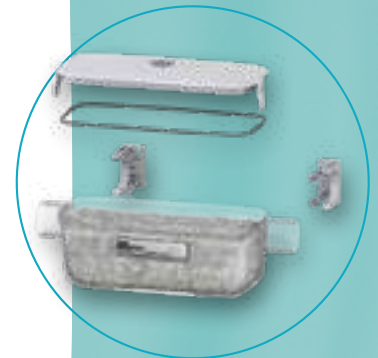
Wall or floor fixing possible.

Easy maintenance:  
Removable cover without  
having to disconnect the hoses.

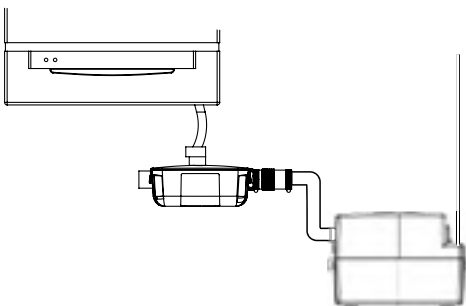


Transparency: allows easy inspection  
of the granule status.

Protects piping from acid attacks.



### INSTALLATION DIAGRAM



### TECHNICAL FEATURES

<b>Number of available inlets</b>	2
<b>Top inlet diameter (fitting included)</b>	40/32/28 mm
<b>Side inlet diameter (fitting included)</b>	40 mm
<b>pH min</b>	2.5
<b>Max. power of the associated gas boiler</b>	50 kW
<b>Max. power of the associated oil boiler</b>	35 kW
<b>Neutralisation granules</b>	1.3 kg

### PACKING LIST

Sanineutral with inlet and outlet connections

Fastening yokes

Floor fixing system

### NEUTRALISATION GRANULES



#### 1.2 kg refill bottle of neutralisation granules optional

Ref: SACHGRANULEEUR

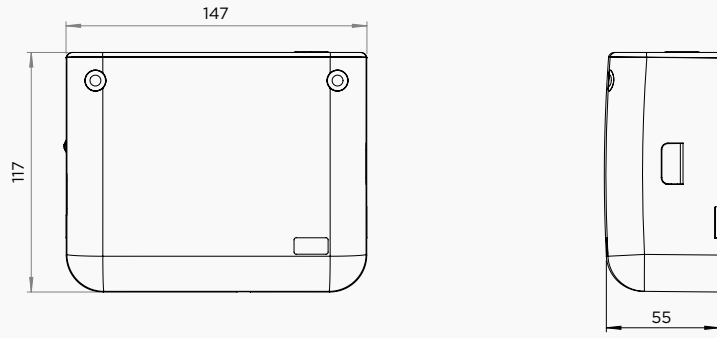
The granules neutralise the acidity of the condensates from boilers.

Replace about once a year.

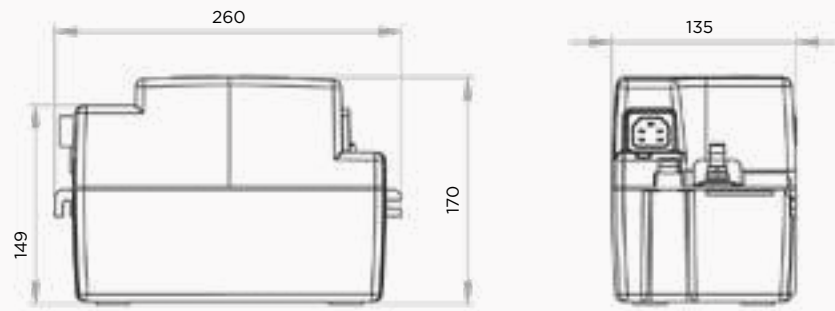
**Reference:** EAN 3308815011134



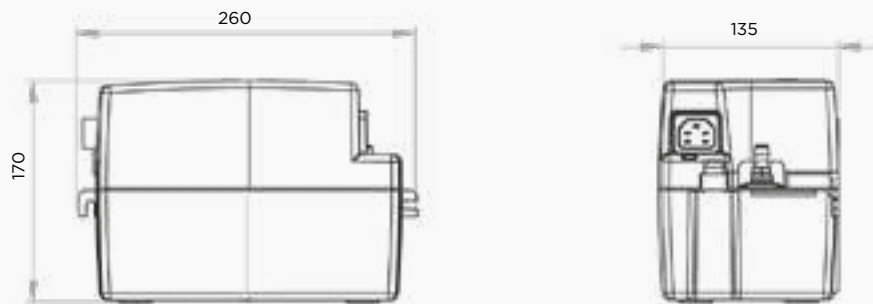
## Sanicondens Deco <sup>+</sup>



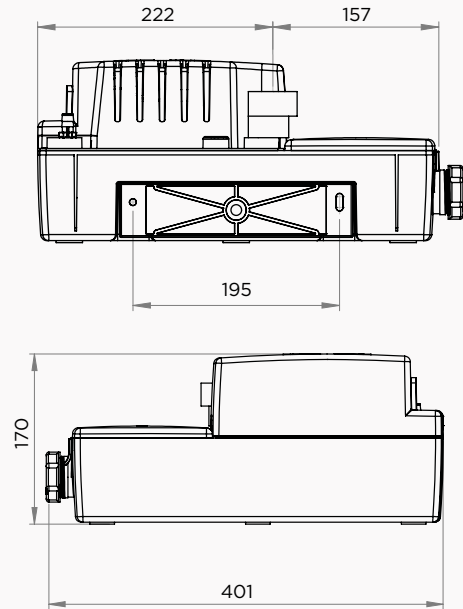
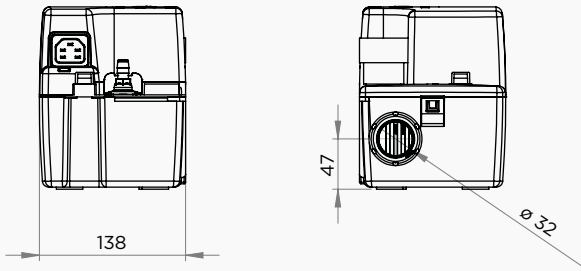
## Sanicondens Eco



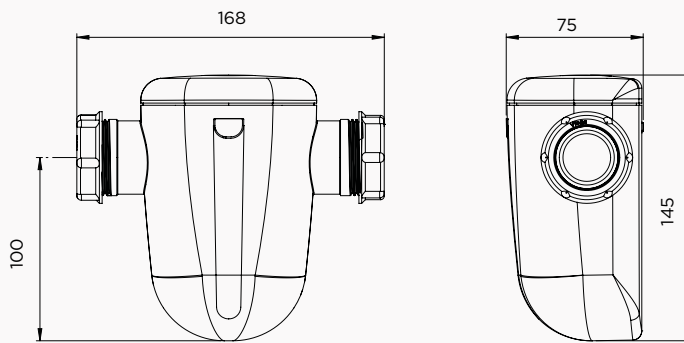
## Sanicondens Pro



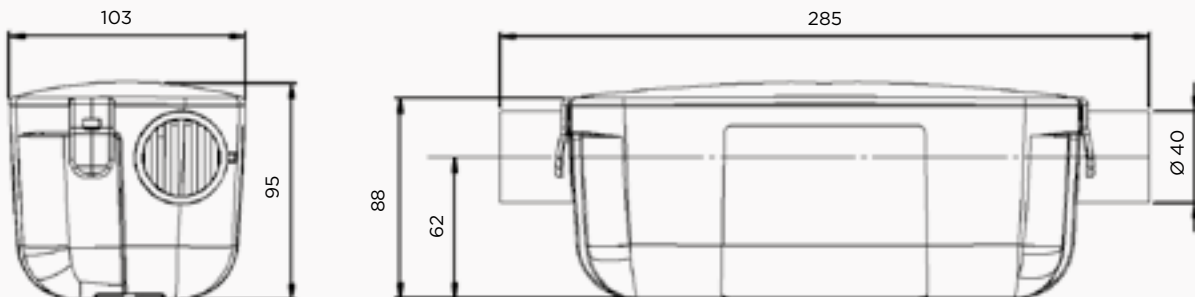
## Sanicondens Best Flat



## Sanineutral Mini



## Sanineutral



## WHY SANIGREASE?

# The functions of the grease traps and separators.

Every restaurant produces wastewater full of fatty and oily matter, of animal or vegetable origin. They result in high levels of deposits in pipes. These deposits disrupt the proper functioning of water drainage networks and treatment plants.

By installing a grease separator, macro-waste and greases are retained at the source. Therefore, it avoids any damage to water and public sanitation equipment.

Article L 13 31 10 of the new Public Health Code stipulates that: "Any discharge of wastewater other than domestic, into public sewers, must have been authorised beforehand by the community owning the works that this water will pass through before reaching the natural environment". Sanitation and the departmental health regulations must specify the rules for the management of fatty waste, namely the installation of a pre-treatment system. We are also seeing that more and more cities are imposing this in their municipal by-laws.

### Calculation method according to standard NF EN1825-2

For grease separators with a sludge tank, the calculation method according to standard NF EN1825-2 is as follows:

$$NS = \text{No. meals} \times V \text{ meals} \times df \times tf \times fr \times \frac{fq}{(3,600 \times \text{daily operational time})}$$





df: Density factor; tf: Temperature factor; fr: Detergent factor; fq: Peak factor.

To maximise performance, daily maintenance of grease traps is required. For grease separators, monthly maintenance is needed.



# Grease traps and separators



	 Commercial	Nominal Size (NS)	Examples of use
 <p><b>Sanigrease T</b> Grease trap</p> <p>p.74 ✓</p>			<ul style="list-style-type: none"> <li>• Mobile food trucks</li> <li>• Mobile dishwasher</li> <li>• Commercial dishwasher</li> <li>• Occasional food preparation</li> </ul>
 <p><b>Sanigrease T 24</b> Grease trap available in 4 sizes</p> <p>p.75 ✓</p>			<ul style="list-style-type: none"> <li>• Restaurant, hotel and canteen kitchen sinks</li> </ul>
 <p><b>Sanigrease S</b> Grease separator available in 2 sizes (4 models)</p> <p>p.76 ✓</p>		<p>2</p> <p>4</p>	<ul style="list-style-type: none"> <li>• Restaurant</li> <li>• Hospital</li> <li>• Professional kitchen</li> <li>• Canteen (without preparation)</li> </ul>

- GREASE TRAPS OU GREASE SEPARATOR MODEL
- STAINLESS STEEL OR POLYETHYLENE MODEL
- FULLY-EQUIPPED TANK FOR EASY INSTALLATION (VENTILATION AND DRAINAGE COLUMN OPTIONAL FOR THE SANIGREASE S)
- SEVERAL TANK SIZES FOR ALL YOUR REQUIREMENTS

## APPLICATIONS



Commercial

## WARRANTY



## REFERENCES

**Sanigrease T 40**  
EAN 3308815082547  
GREASET-001

**Sanigrease T 60**  
EAN 3308815082554  
GREASET-002

**Sanigrease T 80**  
EAN 3308815082561  
GREASET-003

**Sanigrease T 100**  
EAN 3308815082578  
GREASET-004



# Sanigrease T

GREASE TRAP



Compact design.

Guaranteed hygiene thanks to the four feet.

Quick and easy maintenance thanks to drainage valves.

4 adjustable feet for your desired height.

### APPLICATIONS

Restaurant kitchen sinks



### TECHNICAL FEATURES

<b>Material</b>	Stainless steel
<b>Total volume (L)</b>	39/53/67/82
<b>Ø of inlets</b>	DN 32/50 mm
<b>Ø of drainage pipe</b>	DN 32/50 mm
<b>Weight (kg)</b>	26/29/36/40
<b>Ø total drain valve</b>	DN 25 mm
<b>Ø grease drain valve</b>	DN 25 mm
<b>Total tank</b>	304 L

Cover with seal

Maintenance handle

Removable "peelings" basket

Closure with latches

Booster feet

Connection sleeves

REFERENCE	L	L1	P	P1	H	E	S	FE	DN	NUMBER OF MEALS PER SERVICE	NUMBER OF CONNECTED SINKS
Sanigrease T 40	480	550	350	420	484	385	330	154	32	1 to 40	1
Sanigrease T 60	540	610	350	420	534	435	380	154	32	41 to 60	1 to 2
Sanigrease T 80	640	710	350	420	574	453	400	174	50	61 to 80	1 to 3
Sanigrease T 100	730	800	350	420	594	473	420	174	50	81 to 100	1 to 4



APPLICATIONS



Commercial

WARRANTY



REFERENCE

EAN 3308815082585  
GREASET-005

# Sanigrease T24

GREASE TRAP



- Compact design: for mobile fixtures such as underneath a professional sink.
- Mobile use.
- Must be frost protected.
- Lightweight: only 4 kg.

APPLICATIONS
Food trucks
Mobile dishwashers
Occasional installation requiring a grease trap
Daily maintenance

TECHNICAL FEATURES	
<b>Material</b>	Polyethylene
<b>Total volume (L)</b>	24
<b>Ø of inlets</b>	DN 50 mm
<b>Ø of drainage pipe</b>	DN 50 mm
<b>Volume of sludge trap (L)</b>	8
<b>Weight (kg)</b>	4
<b>Dishwasher full cycle</b>	2 minutes
<b>Minimum rinse time</b>	1.5 minutes
<b>Changeover time</b>	1/2 minute
<b>Water consumption for rinse</b>	5 L

Optional drain valve available



**Optional Sanigrease drain valve**  
Ref: HYDRO-00054  
**Reference:** EAN 3308815082646

## APPLICATIONS



Commercial

## WARRANTY



## REFERENCES

**Sanigrease S 680**  
EAN 3308815082592  
GREASES-001

**Sanigrease S 1600**  
EAN 3308815082608  
GREASES-002

**Sanigrease S 680C**  
EAN 3308815082615  
GREASES-003

**Sanigrease S 1600C**  
EAN 3308815082622  
GREASES-004



# Sanigrease S

## GREASE SEPARATOR



Easy installation through an existing door:  
77.3 cm wide.

Available with vent and drainage column.

Optional alarm.

### APPLICATIONS

Shared kitchens



NS 2 (S 680)  
NS 4 (S 1600)

### FEATURES

<b>Material</b>	Polyethylene
<b>Total volume (L)</b>	680 / 1,600
<b>Ø of inlets</b>	DN 110 mm
<b>Ø of drainage pipe</b>	DN 110 mm
<b>Weight (kg)</b>	64 / 71 / 116 / 123
<b>Ø drain valve</b>	DN 80 mm
<b>Ø ventilation</b>	DN 110 mm
<b>Cable pass (for alarm)</b>	DN 50 mm
<b>Volume of sludge trap (L)</b>	200 / 400
<b>Volume of separator compartment (L)</b>	480 / 1,200
<b>Nominal Size (NS)</b>	2 (S 680) 4 (S 1600)

With sludge tank

Polyethylene tank made by rotational moulding

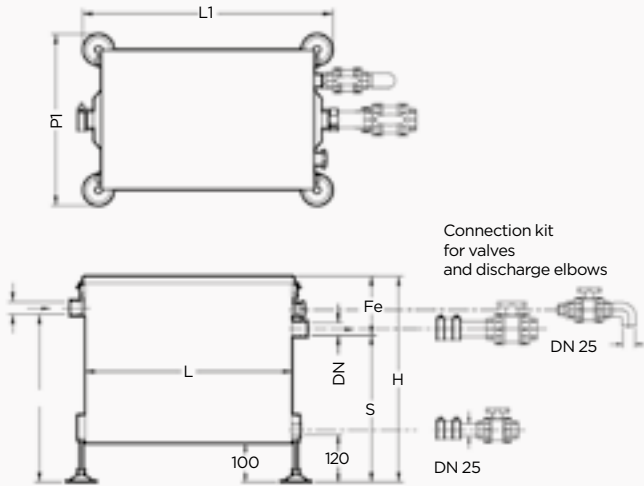
Cover on watertight seal, locked by screws

Stainless steel alarm fixing hook as standard in the tank

RESTAURANT NUMBER OF MEALS			HOSPITAL	PROFESSIONAL KITCHEN ESTABLISHMENT	CANTEEN (WITHOUT PREPARATION)	DRAINAGE COLUMN	
1 SERVICE	2 SERVICES	HOTEL RESTAURANT	NUMBER OF MEALS PER DAY			WITHOUT	WITH
≤ 104	≤ 209	≤ 177	≤ 295	≤ 201	≤ 443	Sanigrease S 680	Sanigrease S 680C
≤ 209	≤ 417	≤ 354	≤ 591	≤ 403	≤ 886	Sanigrease S 1600	Sanigrease S 1600C

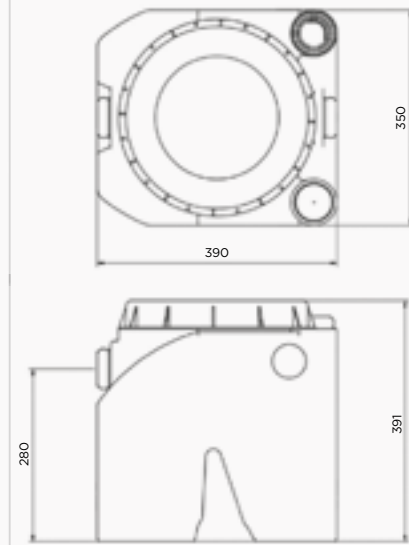
## Sanigrease T

GREASE TRAP



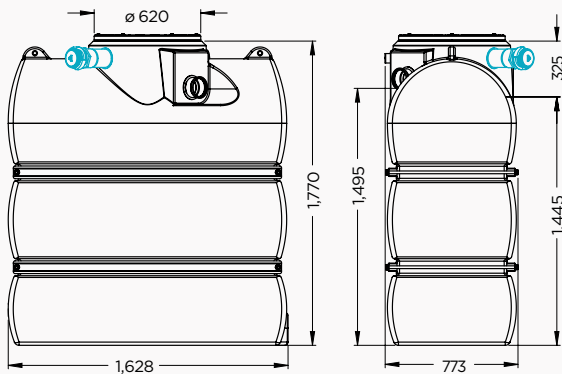
## Sanigrease T24

GREASE TRAP

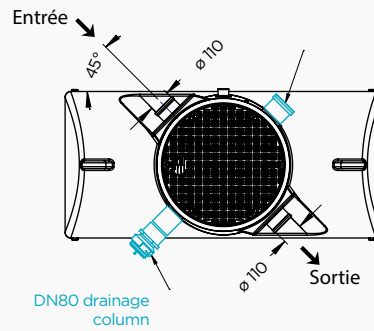


## Sanigrease S

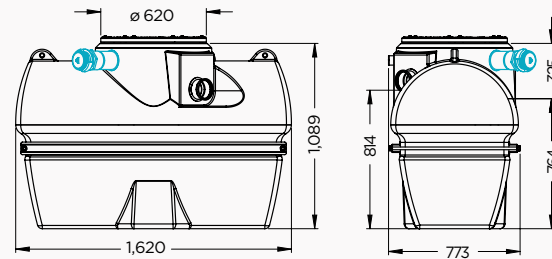
GREASE SEPARATOR



Sanigrease S 1,600  
Sanigrease S 1 600C



Sanigrease S 680  
Sanigrease S 680C  
Sanigrease S 1,600  
Sanigrease S 1 600C



Sanigrease S 680  
Sanigrease S 680C

# ACCESSORY

DESCRIPTION

EAN

FACTORY CODE

230 V grease alarm sensor + box

3 308 815 082 653

HYDRO-00056



230 V GREASE ALARM  
SENSOR + BOX

# 1 DETERMINE THE PEAK FLOW

This is the amount of water to be drained according to the type and number of sanitary fixtures connected to the pumping station.

The flow measures a volume per unit of time. It is expressed in cubic metres per hour (m<sup>3</sup>/hr) or litres per second (L/s).

## ESTIMATED FLOW



On the basis of 1 residence comprising: 1 toilet, 1 bath, 1 shower, 1 washbasin, 1 sink, 1 washing machine, 1 dishwasher

Number of residences	Flow
<b>1 residence</b> (1 to 3 inhabitants)	<b>2.5 m<sup>3</sup>/hr</b>
Up to <b>2 residences</b> (4 to 6 inhabitants)	<b>5 m<sup>3</sup>/hr</b>
Up to <b>4 residences</b> (7 to 9 inhabitants)	<b>10 m<sup>3</sup>/hr</b>
Up to <b>6 residences</b> (10 to 12 inhabitants)	<b>15 m<sup>3</sup>/hr</b>

# 2 CALCULATING THE TOTAL DYNAMIC HEAD (TDH)

**TDH IS THE PRESSURE THAT THE PUMP MUST PROVIDE BETWEEN THE SUCTION POINT AND THE DISCHARGE POINT.**

$$TDH = GEO H + H v$$

### Geo H = Geometric height

This is the height of the discharge in metres.

**H v = Total discharge losses in the discharge pipe (expressed in metres of water column).**

### There are 2 types of friction loss:

- regular (or linear) friction loss: these result from the friction of the fluid against the walls of the discharge pipe
- the singular discharge losses by friction: they come from accidents related to pipes (elbow, check valves, etc.)

These have to be added to the geometric height to determine the total dynamic head.

The value obtained in this table must be multiplied by the total length of the drainage pipe to obtain the total loss of loads.

TABLE OF DISCHARGE LOSSES

Flow in m <sup>3</sup> /hr	DN PN10 pressure PVC piping					
	DN 32 36.2 / 40	DN 40 45.2 / 50	DN 50 57 / 63	DN 65 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

# HELP WITH CHOOSING THE LIFTING STATION

*Once the total dynamic head and the peak flow have been determined, the pump's typical curve can determine its suitability for requirements.*

*The volume of the tank will then be determined in accordance with the specific constraints of each installation.*

## CASE STUDY

2 residences are connected to one lifting station. The station must discharge wastewater at a height of 4 m over a total pipe length of 10 m in PVC with an diameter exterior of 50 mm.

- **Geometric height:** 4 m.
- **Table of discharge losses:** for 2 residences, we estimate the flow at peak times to be 5 m<sup>3</sup>/hr.

According to the discharge losses table, the height is:  $0.019 \times 10 = 0.19$  m

→ **Therefore, the total dynamic head will be: 4 m + 0.19 m = 4.19 m**

→ The project therefore presents the following criteria:  
**TDH = 4.19 m and Flow = 5 m<sup>3</sup>/hr**

- **Our client wants to install an underground pumping station in his garden.**

**The Sanifos range corresponds to his needs. His installation constraints dictate a 280 litre tank.**

**Analysis of the pump performance curve for the Sanifos station confirms to us that the Sanifos 280 station meets the needs of the installation.**

# HYDRAULICS



## VORTEX WHEEL GRINDER WHEEL MULTI-CHANNEL WHEEL TWO-CHANNEL WHEEL

NEW

The pump is the main element of the lifting station. It is expected to reliably pump away wastewater from an installation.

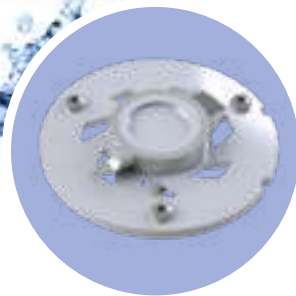
SFA is always innovating to continuously improve the performance of their pumps.

Their reliability and safety are guaranteed thanks to the multitude of tests carried out in our factories during the design process: two 100% electrical tests, a 100% leakage test and a functional test.



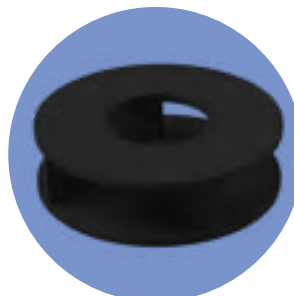
**KX V6 VORTEX WHEEL**

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



**GRINDER WHEEL PRO X K2**

Sanicubic 1/1 WP  
Sanicubic 2 Classic  
Sanicubic 2 Pro  
Sanifos 110 / 280/610/1300  
Sanipump GR



**MULTI-CHANNEL WHEEL**

Sanicom 1  
Sanicom 2



NEW

**TWO-CHANNEL WHEEL**

Sanifos 610  
Sanipump SLD 700



# Floor-standing lifting stations



## WHY SANICUBIC?

Since it is not always possible to install an underground lifting station, SFA offers the Sanicom and Sanicubic ranges!

These are pumping stations that can simply be placed on the ground for easy installation and maintenance.

Sanicom is for pumping grey water, while Sanicubic pumps both grey water and black water.

		 Individual	 Commercial	 Collective	Examples of use
	<b>Sanicom 1</b> Grey water	 ✓	✓		<ul style="list-style-type: none"> <li>• Bakeries, laboratories, smoothie bars: pumping for sinks, bars, dishwashers, glass washers</li> <li>• Hair salons: pumping for hair disposal trays in hair salons</li> <li>• Gymnasiums, restaurants, dental and veterinary practices: water pumping from sanitary facilities with sinks, showers and urinals</li> <li>• Bread oven: high temperature condensates drainage</li> <li>• Boiler room and softeners: grey water drainage</li> <li>• <b>Production water drainage</b></li> </ul>
	<b>Sanicom 2</b> Grey water	 ✓	✓		
	<b>Sanicubic 1</b> Wastewater	 ✓			<ul style="list-style-type: none"> <li>• Entire detached house: wastewater drainage</li> <li>• House extension or pool house design: wastewater drainage</li> <li>• Factory extension (design of sanitary fittings, toilet, sinks and urinals): wastewater drainage</li> <li>• Site base camp, cultural events: wastewater drainage</li> <li>• River developments, floating chalets, barges: wastewater drainage</li> </ul>
	<b>Sanicubic 1 WP</b> Wastewater	✓			
	<b>Sanicubic 2 Classic</b> Wastewater	 ✓	✓		
	<b>Sanicubic 2 Pro</b> Wastewater		✓		
	<b>Sanicubic 1 GR</b> Wastewater	 ✓	✓		
	<b>Sanicubic 2 GR</b> Wastewater	 ✓	✓		
	<b>Sanicubic 1 VX</b> Wastewater	 ✓	✓		<ul style="list-style-type: none"> <li>• Apartments: pumping starting from 2 apartments on the same station</li> <li>• Bars and restaurants: wastewater drainage</li> <li>• Stadiums: wastewater drainage</li> </ul>
	<b>Sanicubic 2 VX</b> Wastewater	 ✓	✓	✓	
	<b>Sanicubic 1 SC</b> Wastewater	 ✓	✓	✓	<ul style="list-style-type: none"> <li>• Hotels, camp sites, offices: wastewater drainage</li> <li>• Boats: wastewater drainage</li> </ul>
	<b>Sanicubic 2 SC</b> Wastewater	 ✓	✓	✓	

- HIGH PERFORMANCE OPERATION WITH THE SFA GRINDER (EXCEPT SANICUBIC 1 VX, SANICUBIC 2 VX AND SANICOM)
- EASILY REMOVABLE MOTOR(S) AND LEVEL SENSOR(S)
- CONTROL UNIT SUPPLIED AS STANDARD (EXCEPT SANICUBIC 1 AND SANICOM 1)
- SECURE OPERATION WITH THE AUDIBLE AND VISUAL ALARM BOX
- LOW INLETS

## APPLICATIONS



Individual



Commercial

## DISCHARGE

11 m



## WARRANTY



## REFERENCE

EAN 3308815082851  
COM1002



# Sanicom 1



Pumping stations for grey water.

Simple and easy installation without soil disbursement.

Inlets on each side of the device for greater flexibility (ext. diameter 40).

Removable motor and level sensors for ease of maintenance.



Compact design.

Ability to pump grey water (except toilets) up to 90°C.

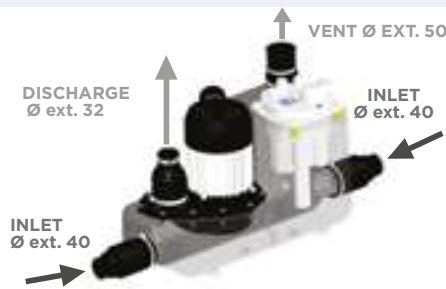
Forced motor start possible.



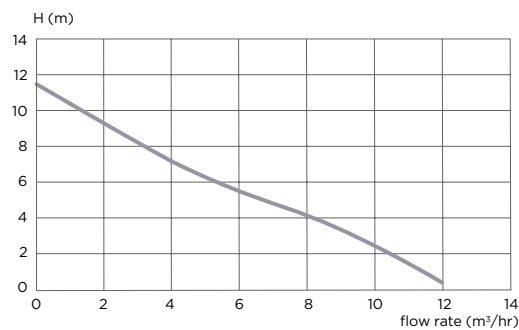
Wired audible and visual alarm unit  
5 m cable (optional)

EAN 330881583384  
BOITALARMCOM1002

### SEMI-TRANSPARENT VIEW



### PUMP PERFORMANCE CURVE



### TECHNICAL FEATURES

TANK	
Tank volume	14 L
Ø of ext. inlets	2x 40 mm
Discharge diameter ext.	32 mm
Ventilation diameter	50 mm
ON/OFF level	135 mm / 50 mm
Shower tray height	25 cm minimum
Maximum temperature of incoming wastewater	90°C intermittently (max. 5 min)
Possible connections	Grey water from bathroom (without toilet), kitchen, laundry
Wheel type	Multi-channel
Solid handling capacity	8 mm
Voltage	220-240 V/50 Hz
Power rating	750 W
Max. absorbed intensity	3.3 A
Weight (including accessories)	10 kg
Protection rating (IP)	IPX4
Electrical class	I

### PERFORMANCE

Max. flow	12 m³/hr
Max. height (Q = 0 m³/hr)	11 m
Max. recommended height	8 m

### PACKING LIST

- 1-pump lifting station
- Built-in check valve





# Sanicom 2



Pumping stations for grey water.  
 Easy installation without soil disbursement.  
 2 low side inlets Ø ext. 80  
 (connections possible in Ø ext. 50 or  
 Ø ext. 40).  
 Removable motors and level sensors  
 for ease of maintenance.



Compact design.  
 Ability to pump grey water up to 90°C.  
 Supplied with remote control unit:  
 2 alternating pumps for more intensive use.  
 Easy access and maintenance.

## APPLICATIONS



## DISCHARGE

15 m

## WARRANTY

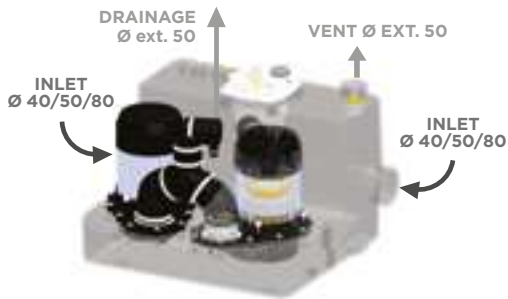


## REFERENCE

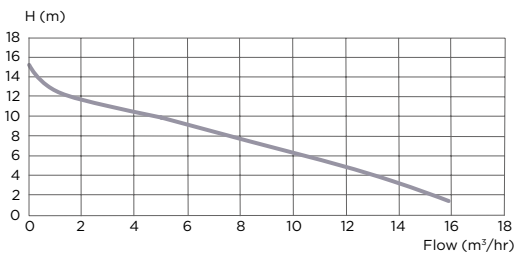
EAN 3308815082868  
 COM2002



### SEMI-TRANSPARENT VIEW



### PUMP PERFORMANCE CURVE



### PACKING LIST

- 2-pump lifting station
- Remote control unit (2 m cable)
- 2 built-in check valves

### TECHNICAL FEATURES

<b>Tank volume</b>	34 L
<b>Ø of ext. inlets</b>	40, 50 and 80 mm
<b>Discharge diameter ext.</b>	50 mm
<b>Ventilation diameter</b>	50 mm
<b>ON/OFF level</b>	145 mm / 60 mm
<b>Shower tray height</b>	25 cm minimum
<b>Maximum temperature of incoming wastewater</b>	90°C intermittently (max. 5 min))
<b>Possible connections</b>	Grey water from bathroom (without toilet), kitchen, laundry
<b>Wheel type</b>	Multi-channel
<b>Solid handling capacity</b>	8 mm
<b>Voltage</b>	220-240 V/50 Hz
<b>Power rating</b>	2 x 1,500 W
<b>Max. absorbed intensity</b>	13 A
<b>Weight (including accessories)</b>	26 kg
<b>Protection rating (IP)</b>	IPX4
<b>Electrical class</b>	I
<b>+ Option to connect an external alarm</b>	

### PERFORMANCE

<b>Max. flow</b>	16 m³/hr
<b>Max. height (Q = 0 m³/hr)</b>	15 m
<b>Max. recommended height</b>	10 m



Remote control unit  
 (2 m cable)



Remote wired audible and visual alarm unit  
 5 m cable (optional)  
 EAN 330881584107  
 BOITALARMCOM2002



## APPLICATIONS



Individual

## DISCHARGE

13 m



## WARRANTY



## REFERENCE

Sanicubic 1

EAN 3308815074429

CUBIC1NM



Sanicubic 1

# Sanicubic 1

# Sanicubic 1 WP



Pro X K2 grinding technology drains wastewater through a 50 mm ext. diameter hose

Removable motor and level sensors for ease of maintenance.

IP68 reinforced seals and remote control (WP version).



Compact design.

4 inlets, including 2 low ones, for greater installation flexibility.

Discreet installation (drainage Ø ext 50 mm).

Secure operation with the audio and visual alarm box.



Wired audible and visual alarm unit (5 m cable)



Pro X K2  
knife





## APPLICATIONS



Individual

## DISCHARGE

13 m



## WARRANTY



## REFERENCE

Sanicubic 1 WP with standard control unit  
EAN 3308815074436  
CUBICIP68NM



Remote control unit (4 m cable)



Wired audible and visual alarm unit (5 m cable)

## ACCESSORIES

### GATE VALVES

#### Guillotine valves for inlet pipes

To comply with the regulations and to facilitate maintenance operations, gate valves must be installed on the effluent inlets as well as on the drainage pipe.

For pipe diameter 50

Reference: EAN 3308815061030 DN50

For pipe diameter 110 or 100 (with reducer)

Reference: EAN 3308815061023 VANNEDN100



### ACTIVATED CARBON FILTER

Neutralises odours.

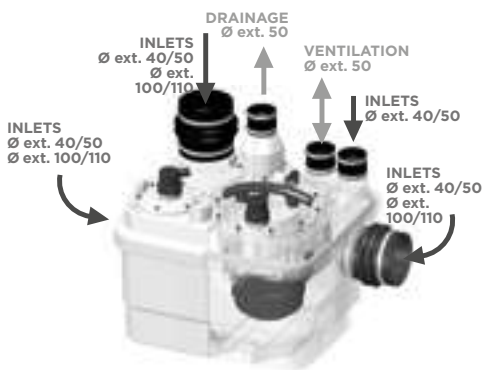
Reference: FILTRECUBICSFA

EAN 3308815077529

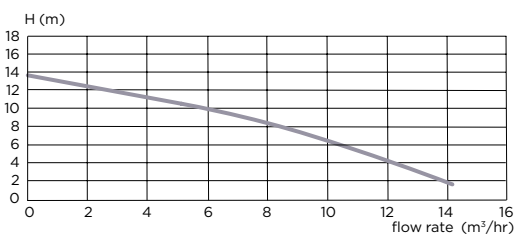


GATE VALVES AND CARBON FILTER AVAILABLE IN ACCESSORIES

## SEMI-TRANSPARENT VIEW



## PUMP PERFORMANCE CURVE



## PACKING LIST

1 motor lifting station

Built-in check valve

Alarm unit

Remote control unit (WP version)

## TECHNICAL FEATURES

<b>Tank volume</b>	32 L
<b>Ø of ext. inlets</b>	• 1 inlet 40/50 mm • 3 inlets 40, 50, 100, 110 mm
<b>Discharge diameter ext.</b>	50 mm
<b>Ventilation diameter</b>	50 mm
<b>Maximum temperature of incoming wastewater</b>	70°C intermittently (max. 5 min)
<b>Possible connections</b>	Black water from several toilets, grey water from bathroom, kitchen, laundry
<b>Wheel type</b>	Grinder
<b>Voltage</b>	220-240 V/50 Hz
<b>Power rating</b>	1 x 500 W
<b>Max. absorbed intensity</b>	6 A
<b>ON/OFF level</b>	140/70 mm
<b>Alarm level</b>	210 mm
<b>Weight (including accessories)</b>	Sanicubic 1: 19.8 kg Sanicubic 1 WP: 23 kg
<b>Protection rating (IP)</b>	Sanicubic 1: IP67 Sanicubic 1 WP: IP68
<b>Control unit protection rating (IP)</b>	IPX4
<b>Electrical class</b>	I

## PERFORMANCE

<b>Max. flow</b>	15 m³/hr
<b>Max. height (Q = 0 m³/hr)</b>	13 m
<b>Max. recommended height</b>	11 m

## CONNECTION POSSIBILITIES



## APPLICATIONS



Commercial

## DISCHARGE

13 m



## WARRANTY



## REFERENCE

Sanicubic 2 Classic  
EAN 3308815074443  
R4LCIP68NM



# Sanicubic 2 Classic

# Sanicubic 2 Pro



ProX K2 grinding technology drains effluents through a 50 mm ext. diameter hose

Alternating (or simultaneously in case of an alarm) 2 pump operation (perfect for small buildings, businesses and public places).

Removable motors and level sensors for ease of maintenance.

IP68 reinforced seal.

Compact design.

5 inlets, including 2 low ones, for greater installation flexibility.

Discreet installation.

Secure operation thanks to control and alarm units.



Remote control unit  
(4 m cable)



Wired audible and visual alarm unit  
(5 m cable)



Pro X K2  
knife



## APPLICATIONS



Commercial

## DISCHARGE

13 m



## WARRANTY



### References:

**Sanicubic 2 Pro with classic unit**  
EAN: 3308815074450  
R4STDIP68NM

**Sanicubic 2 Pro with SMART unit**  
EAN 3308815075457  
R4STDIP68NMSMART



Remote control unit  
(4 m cable)



Interactive SMART  
control unit



Wireless remote  
control alarm unit (HF)

## ACCESSORIES

### GATE VALVES

#### Guillotine valves for inlet pipes

To comply with the regulations and to facilitate maintenance operations, gate valves must be installed on the effluent inlets as well as on the drainage pipe.



For pipe diameter 50  
Reference: EAN  
3308815061030  
DN50

For pipe diameter 110  
or 100 (with reducer)  
Reference: EAN  
3308815061023  
VANNEDN100

### ACTIVATED CARBON FILTER

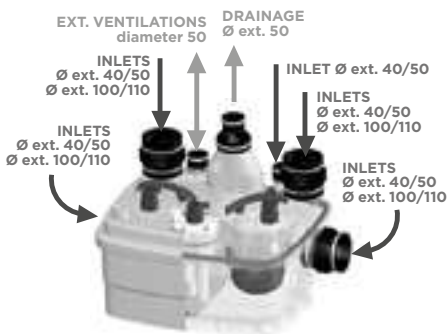
Neutralises odours.

Reference:  
FILTRECUBICSFA  
EAN 3308815077529

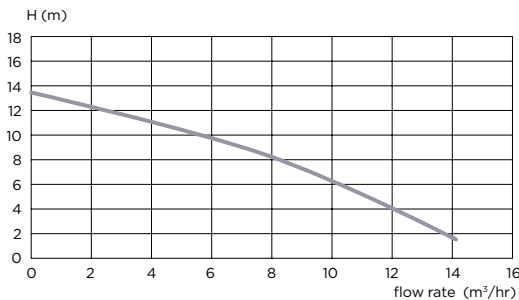


## GATE VALVES AND CARBON FILTER AVAILABLE IN ACCESSORIES

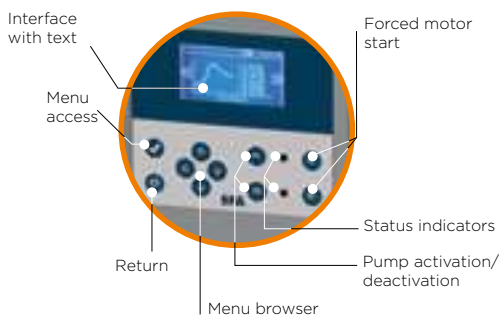
### SEMI-TRANSPARENT VIEW



### PUMP PERFORMANCE CURVE



### 2 MOTOR SMART SYSTEM



### PACKING LIST

- 2 motor pumping station
- 2 built-in check valves
- Remote control unit
- Alarm unit
- BMS Connector: dry switch for alarm

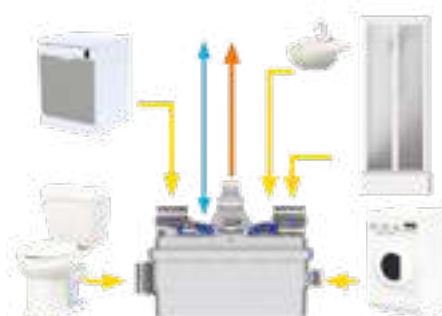
### TECHNICAL FEATURES

TANK	
Tank volume	45 L
Ø of ext. inlets	• 1 inlet 40 / 50 mm • 4 inlets 40 / 50 / 100 / 110 mm
Discharge diameter ext.	50 mm
Ventilation diameter	50 mm
Maximum temperature of incoming wastewater	70°C intermittently (max. 5 min)
Possible connections	Black water from several toilets, grey water from bathroom, kitchen, laundry
Wheel type	Grinder
Voltage	220-240 V/50 Hz
Power rating	2 x 1500 W
Max. absorbed intensity	13 A
ON/OFF level	140 / 60 mm
Alarm level	210 mm
Weight (including accessories)	35 kg
Protection rating (IP)	IP68 (Pro) IP68 (Classic)
Control unit protection rating (IP)	IPX4
Electrical class	I

### PERFORMANCE

Max. flow	15 m³/hr
Max. height (Q = 0 m³/hr)	13 m
Max. recommended height	11 m

### CONNECTION POSSIBILITIES



APPLICATIONS



Individual



Commercial

DISCHARGE

22 to 39 m



WARRANTY



REFERENCES

See table right page



# Sanicubic 1 GR



Pro X K3 Grinder



It collects all waste water from toilets, bathrooms, kitchens or laundry rooms.

Easy installation and accessibility.

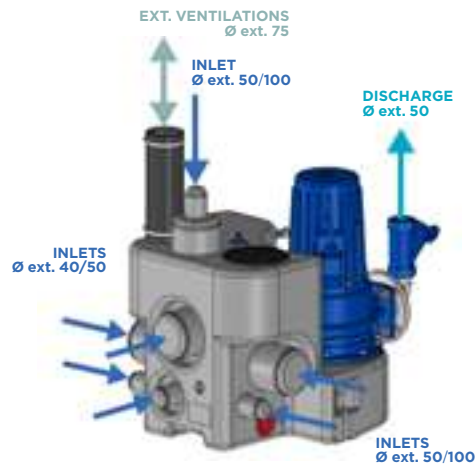
Compact dimensions.

7 inlets. Grinding wheel.

5 single or three-phase pump versions.

Connections and non-return valve integrated.

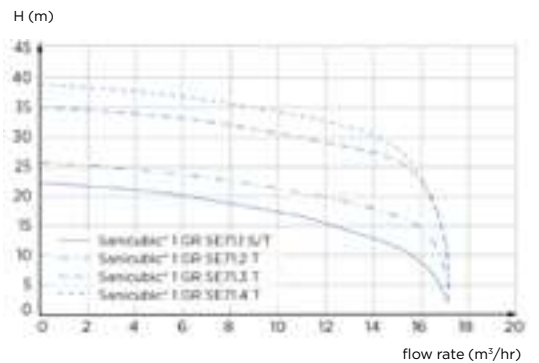
SEMI-TRANSPARENT VIEW



PERFORMANCE

TMH max.	39 m
Max. flow rate	17 m <sup>3</sup> /h

PUMP PERFORMANCE CURVE





## APPLICATIONS



Individual



Commercial

## DISCHARGE

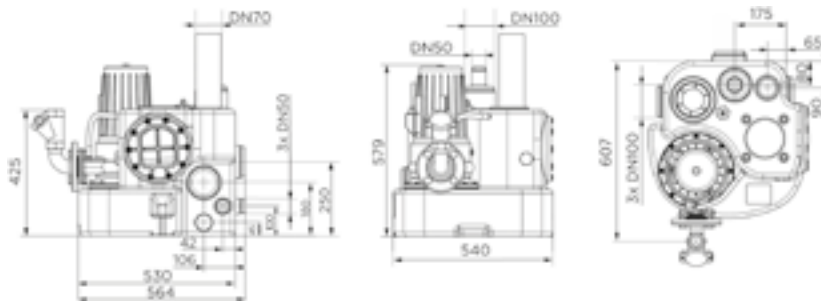
22 to 39 m



Control box ZPS - single pump version

Pneumatically controlled remote control box including an audible and visual alarm.

## DIMENSIONS



	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>MATERIALS</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>ELECTRICALS 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 (P=power) (W)</b>	2200	2100	2100	3900	3900
<b>Power output P2 (P=power) (W)</b>	1700	1700	1700	3200	3200
<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>Total manometric head (m)</b>	22	25	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 (mm)</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 pumped liquid (5 min)</b>	55°C	55°C	55°C	55°C	55°C
<b>Type of wheel</b>	Grinder	Grinder	Grinder	Grinder	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>EAN code</b>	3308815079110	3308815079127	3308815079134	3308815079141	3308815079158
<b>Factory code</b>	CUBIC1GRSE71-1S	CUBIC1GRSE71-1T	CUBIC1GRSE71-2T	CUBIC1GRSE71-3T	CUBIC1GRSE71-4T

(DN=nominal diameter)

APPLICATIONS



Individual



Commercial

DISCHARGE

22 to 39 m

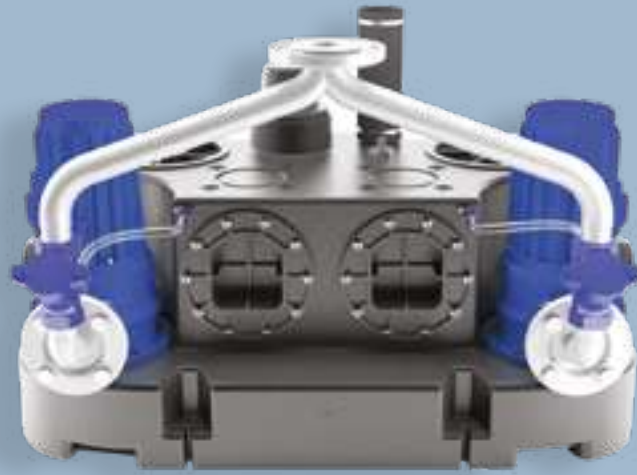


WARRANTY



REFERENCES

See table right page



# Sanicubic 2 GR



- Installation without clearance.
- Accessibility for maintenance purposes.
- Slicing wheels.
- 3 inlets DN 100, 2 inlets DN 50.

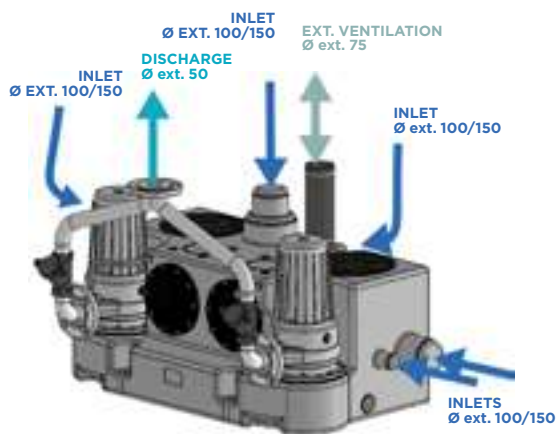
150 litre tank.

- 4 three-phase versions.
- Incl. non-return valve & outlet flange.



Pro X K3 Grinder

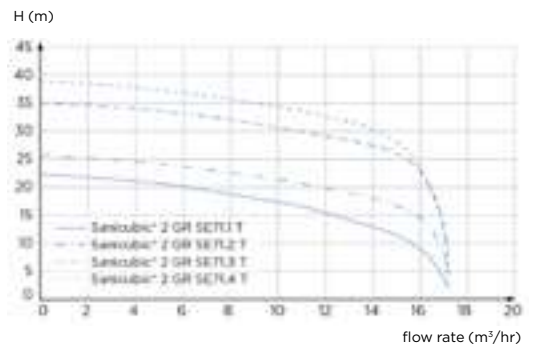
SEMI-TRANSPARENT VIEW



PERFORMANCE

TMH max.	39 m
Max. flow rate	17 m <sup>3</sup> /h

PUMP PERFORMANCE CURVE



## APPLICATIONS



Individual



Commercial

## DISCHARGE

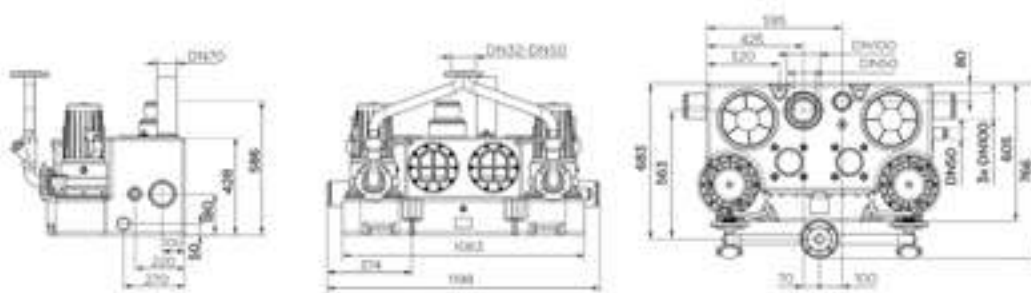
22 to 39 m



ZPS control box - two-pump versions

Pneumatically controlled remote control box including an audible and visual alarm.

## DIMENSIONS



	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>MATERIALS</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>ELECTRICALS 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 (P=power) (W)</b>	2100	2100	3900	3900
<b>Power output P2 (P=power) (W)</b>	1700	1700	3200	3200
<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 manometric head (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 liquid (5 min)</b>	55°C	55°C	55°C	55°C
<b>Type of wheel</b>	Grinder	Grinder	Grinder	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>EAN code</b>	3308815079165	3308815079172	3308815079189	3308815079196
<b>Factory code</b>	CUBIC2GRSE71-1T	CUBIC2GRSE71-2T	CUBIC2GRSE71-3T	CUBIC2GRSE71-4T

(DN=nominal diameter)

## APPLICATIONS



Individual



Commercial

## DISCHARGE

13 m



## WARRANTY



## REFERENCE

Sanicubic 1 VX  
with classic unit:  
EAN 3308815077611  
CUBIC1XLVX



# Sanicubic 1 VX



Vortex wheel system  
(clearance: 50 mm).

Removable motor and level sensors  
for ease of maintenance.

A large capacity tank.

IP68 certified seal.



A single motor with Vortex  
wheel for all requirements.

Several inlets available to adapt  
to all configurations.

Remote control box and alarm unit  
supplied as standard  
for reliable operation.



KX V6 Vortex  
Wheel



## APPLICATIONS



Individual



Commercial

## DISCHARGE

13 m



## WARRANTY



Remote control unit  
(4 m cable)



Wired audible and  
visual alarm unit  
(5 m cable)

### ACCESSORIES

#### GATE VALVES

##### Guillotine valves for inlet pipes

To comply with the regulations and to facilitate maintenance operations, gate valves must be installed on the effluent inlets as well as on the drainage pipe.

For pipe diameter 50

Reference: EAN 3308815061030 DN50

For pipe diameter 110 or 100 (with reducer)

Reference: EAN 3308815061023 VANNEDN100

##### Ball valve for drainage

Reference: EAN 3308815066820 DN100XL



#### ACTIVATED CARBON FILTER

Neutralises odours.

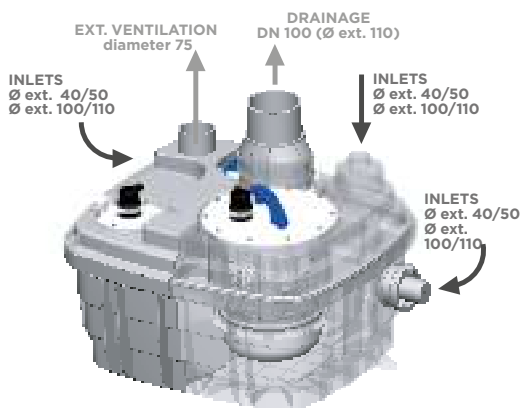
Reference: FILTRECUBICSFA

EAN 3308815077529

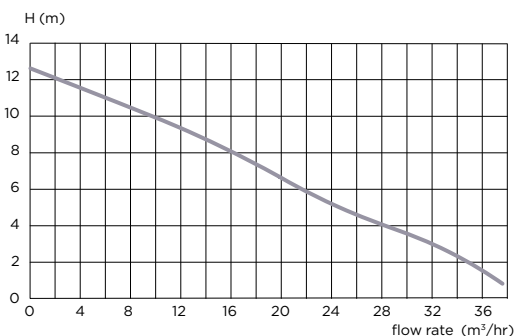


GATE VALVES AND CARBON FILTER AVAILABLE IN ACCESSORIES

### SEMI-TRANSPARENT VIEW



### PUMP PERFORMANCE CURVE



### PACKING LIST

1 motor pumping station

1 built-in check valve

Remote control unit

Remote alarm unit

### TECHNICAL FEATURES

Tank volume	60 L
Ø of ext. inlets	125 / 110 / 100 / 50 / 40 mm
Discharge diameter ext.	90 / 110 mm
Ventilation diameter	75 mm
Maximum temperature of incoming wastewater	70°C intermittently (max. 5 min)
Possible connections	Black water from several toilets, grey water from bathrooms, kitchen, laundry
Wheel type	Vortex
Voltage	220-240 V / 50 Hz
Power rating	2,000 W
Max. absorbed intensity	8 A
ON/OFF level	165 / 95 mm
Alarm level	235 mm
Weight (including accessories)	30 kg
Protection rating (IP)	IP 68
Control unit protection rating (IP)	IPX4
Electrical class	I

### PERFORMANCE

Max. flow	40 m³/hr
Max. height (Q = 0 m³/hr)	13 m
Max. recommended height	10 m (DN 80) / 6 m (DN 100)

### CONNECTION POSSIBILITIES



## APPLICATIONS



Commercial



Collective

## DISCHARGE

13 m



## WARRANTY



## REFERENCES

Sanicubic 2 VX  
Single-phase with  
standard unit:

EAN: 3308815063140  
CUBIC2XLVX

Sanicubic 2 VX  
Single-phase with  
SMART unit

EAN 3308815076171  
CUBIC2XLVXSMART



Remote control unit  
(4 m cable)



Smart control unit



Wired audible and  
visual alarm unit  
(5 m cable)



# Sanicubic 2 VX Single-phase

# Sanicubic 2 VX Three-phase



Vortex Wheel  
(clearance: 50 mm).

Available in  
single-phase and three-phase.

Direct and safe access  
to the motors and level sensors.



2 motors for more intense use: perfect for blocks  
of flats, professional buildings, restaurant, schools,  
hotels, shopping centres.

5 inlets, including 2 low ones, to adapt  
to all configurations.

Remote control box and alarm unit  
supplied as standard  
for reliable operation.



KX V6 Vortex  
Wheel

## APPLICATIONS



Commercial Collective

## DISCHARGE

17 m



## WARRANTY



## REFERENCES

**Sanicubic 2 VX Three-phase**  
EAN 3308815074689  
CUBIC2XLVXTRI

**Sanicubic 2 VX Three-phase with SMART unit**  
EAN 3308815076188  
CUBIC2XLVXTRISMA



Remote control unit (4 m cable)



Smart control unit



Wired audible and visual alarm unit (5 m cable)

## ACCESSORIES

### GATE VALVE DN100 ball valve for drainage: Specifically for the Sanicubic 2 VX and 1 VX

Reference: EAN 3308815066820  
DN100XL



### ACTIVATED CARBON FILTER

Neutralises odours.

Reference: FILTRECUBICXL SFA  
EAN 3308815076874



## GATE VALVES AND CARBON FILTER AVAILABLE IN ACCESSORIES

### Guillotine valves for inlet pipes

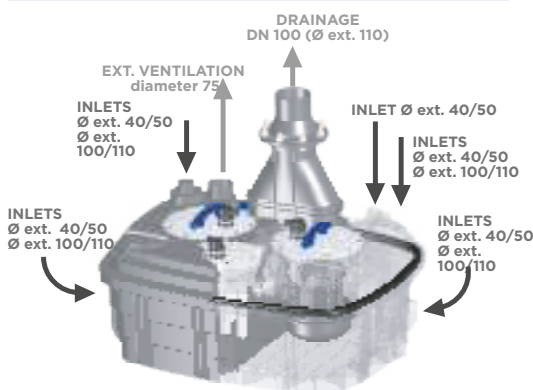
To comply with the regulations and to facilitate maintenance operations, gate valves must be installed on the effluent inlets as well as on the drainage pipe.

For pipe diameter 50  
Reference:  
EAN 3308815061030  
DN50



For pipe diameter 110  
or 100 (with reducer)  
Reference:  
EAN 3308815061023  
VANNEDN100

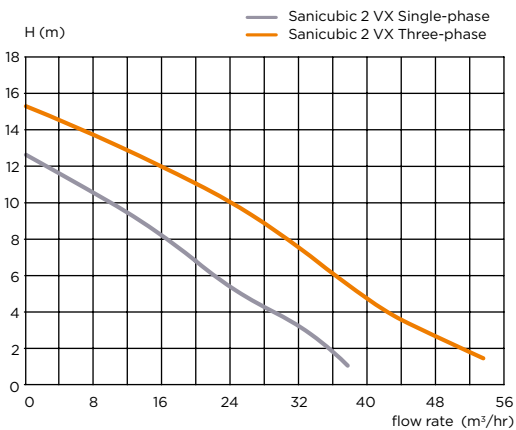
## SEMI-TRANSPARENT VIEW



## TECHNICAL FEATURES

<b>Tank volume</b>	120 L
<b>Ø of ext. inlets</b>	• 1 inlet 40 / 50 mm • 4 inlets 40 / 50 / 100 / 110 mm
<b>Discharge diameter ext.</b>	110 mm
<b>VENTILATION</b>	
<b>Ventilation diameter</b>	75 mm
<b>Maximum temperature of incoming wastewater</b>	70°C intermittently ( max. 5 min)
<b>Possible connections</b>	Black water from several toilets, grey water from bathroom, kitchen, laundry
<b>Wheel type</b>	Vortex (50 mm clearance)
<b>PERFORMANCE</b>	
<b>Voltage</b>	Sanicubic 2 VX single-phase: 220-240 V / 50 Hz three-phase: 230-400V / 50Hz
<b>Power rating</b>	Sanicubic 2 VX single-phase: 2 x 2,000 W three-phase: 2 x 3,500 W
<b>Max. absorbed intensity</b>	Sanicubic 2 VX single-phase: 16 A three-phase: 12 A
<b>ON/OFF level</b>	165 / 95 mm
<b>Alarm level</b>	235 mm
<b>Weight (including accessories)</b>	Sanicubic 2 VX single-phase: 101 kg three-phase: 102 kg
<b>Protection rating (IP)</b>	IP68
<b>Control unit protection rating (IP)</b>	IPX4
<b>Electrical class</b>	I

## PUMP PERFORMANCE CURVE



## CONNECTION POSSIBILITIES



## PERFORMANCE

<b>Max. flow</b>	Sanicubic 2 VX single-phase 40 m³/hr three-phase: 55 m³/hr
<b>Max. height (Q = 0 m³/hr)</b>	Sanicubic 2 VX single-phase: 13 m three-phase: 16 m
<b>Max. recommended height</b>	Sanicubic 2 VX single-phase: 6 m (DN 100) and 10 m (DN 80) three-phase: 11 m (DN 100) 14 m (DN 80)

## PACKING LIST

- 2 motor pumping station
- 2 built-in check valves
- Remote control unit
- Remote alarm unit
- BMS Connector: dry switch for alarm

APPLICATIONS



Individual



Commercial

DISCHARGE

10 to 22 m



WARRANTY



REFERENCES

See table right page

# Sanicubic 1 SC



Designed for lifting waste water from public buildings or shopping centers.

Easy installation and accessibility.

1 inlet DN150.

Three-phase cast iron pump.

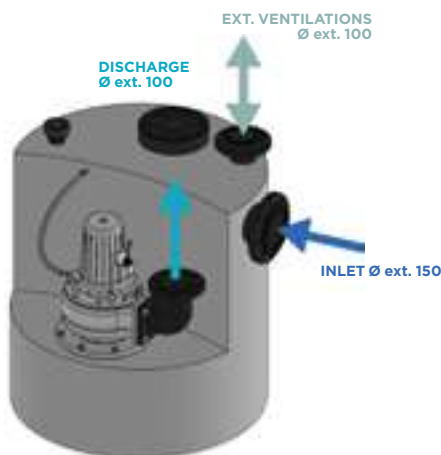
Free passage 80 mm or 100 mm.

Control box included (ZPS or PS2).

Start star-delta for the Sanicubic 1 SC7.5T version.

Possible customisation of the station (tank volume and inlets) for tailor-made installation.

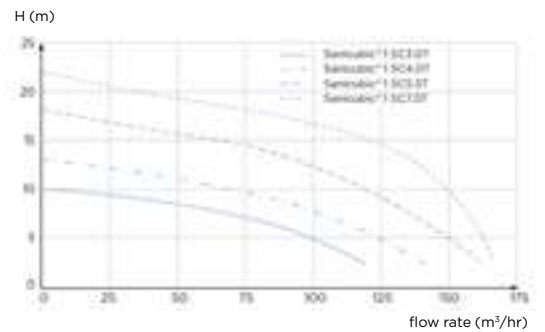
SEMI-TRANSPARENT VIEW



PERFORMANCE

TMH max.	22 m
Max. flow rate	165 m <sup>3</sup> /h

PUMP PERFORMANCE CURVE



Single-channel impeller



## APPLICATIONS



Individual



Commercial

## DISCHARGE

10 to 22 m



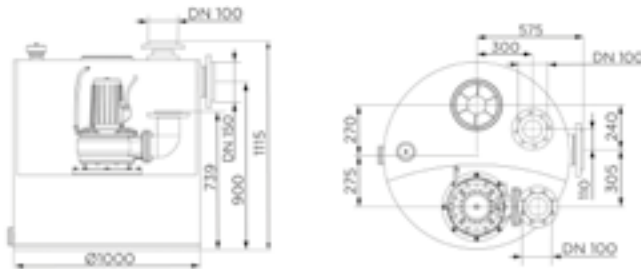
Control box ZPS - single pump version

Pneumatically controlled remote control box including an audible and visual alarm.



PS2 system box  
Depending on model

## DIMENSIONS



	SANICUBIC 1 SC3.0 T	SANICUBIC 1 SC4.0 T	SANICUBIC 1 SC5.5 T	SANICUBIC 1 SC7.5 T
<b>Type of control box</b>	ZPS 1 case	ZPS 1 case	ZPS 1 case	PS2 System case
<b>MATERIALS</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>ELECTRICALS 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 (P=power) (W)</b>	4000	5500	6300	8700
<b>Power output P2 (P=power) (W)</b>	3000	4000	5500	7500
<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 manometric 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>Ext.ventilation diameter (mm)</b>	100	100	100	100
<b>Total volume (L)</b>	480	480	480	480
<b>Useable volume (L)</b>	270	270	270	270
<b>Passage libre (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 wheel</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>	210	220	225	240
<b>EAN code</b>	3308815079035	3308815079042	3308815079059	3308815079066
<b>Factory code</b>	CUBICISC3-0T	CUBICISC4-0T	CUBICISC5-5T	CUBICISC7-5T

(DN=nominal diameter)

APPLICATIONS



Individual



Commercial

DISCHARGE

10 to 22 m



WARRANTY



REFERENCES

See table right page



# Sanicubic 2 SC



Single-channel impeller



1 inlet DN150 for lifting large volumes of waste water from public buildings or blocks of flats.

Two three-phase pumps.

1 000 litre tank.

Free passage 80 mm or 100 mm.

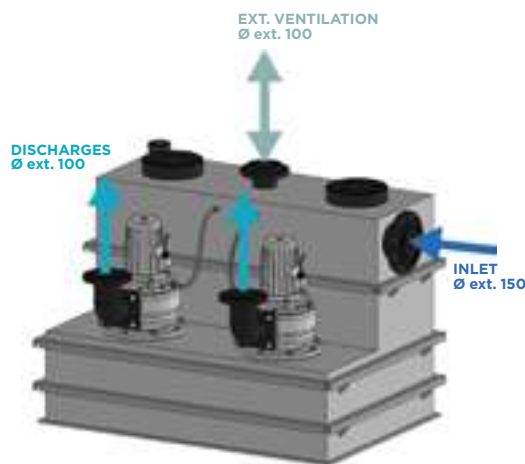
Control box included (ZPS or PS2).

Start star-delta for the Sanicubic 2 SC7 version. 5T.

Tank customisation on request (tank volume up to 20 000 L and number of inlets).

Optional mounting accessories available.

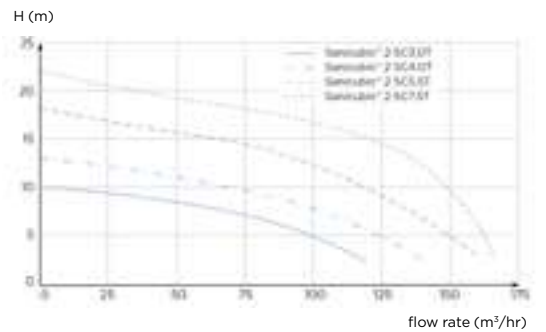
SEMI-TRANSPARENT VIEW



PERFORMANCE

TMH max.	22 m
Max. flow rate	165 m <sup>3</sup> /h

PUMP PERFORMANCE CURVE



## APPLICATIONS



Individual



Commercial

## DISCHARGE

10 to 22 m



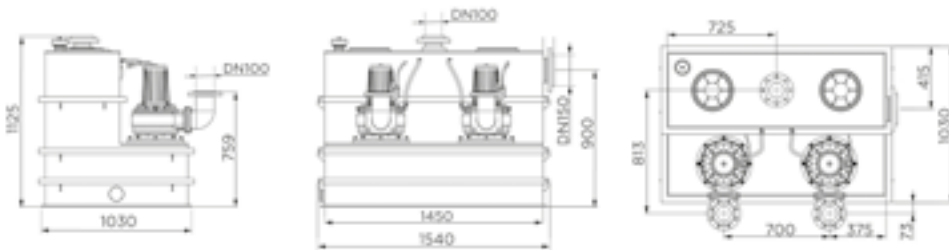
Control box ZPS - single pump version

Pneumatically controlled remote control box including an audible and visual alarm.



PS2 system box  
Depending on model

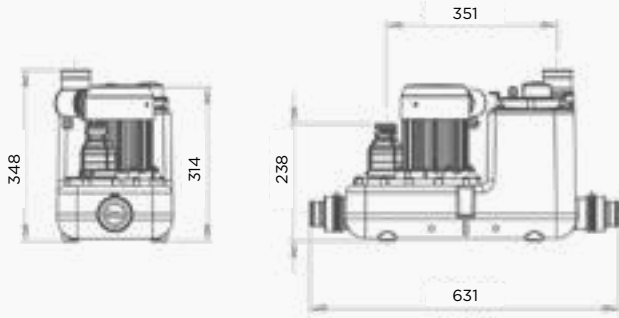
## DIMENSIONS



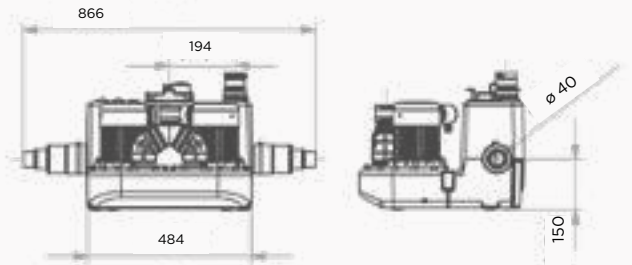
	SANICUBIC 2 SC3.0 T	SANICUBIC 2 SC4.0 T	SANICUBIC 2 SC5.5 T	SANICUBIC 2 SC7.5 T
Type of control box	ZPS 2 case	ZPS 2 case	ZPS 2 case	PS2 System case
<b>MATERIALS</b>				
Tank	PE HD	PE HD	PE HD	PE HD
Pump housing	GG-20	GG-20	GG-20	GG-20
Motor housing	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20
<b>ELECTRICALS FEATURES</b>				
Voltage (V)	400	400	400	400
Frequency (Hz)	50-60	50-60	50-60	50-60
Power consumption P1 (P=power) (W)	4000	5500	6300	8700
Power output P2 (P=power) (W)	3000	4000	5500	7500
Mode of operation	S3 25%	S3 25%	S3 25%	S3 25%
IP Rating	IP68	IP68	IP68	IP68
<b>HYDRAULICS</b>				
Total manometric 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
Ext.ventilation diameter (mm)	100	100	100	100
Total volume (L)	1000	1000	1000	1000
Useable volume (L)	500	500	500	500
Passage libre (mm)	80	80	100	100
Max. temperature of the pumped liquid (5 min)	55°C	55°C	55°C	55°C
Type of wheel	Single-channel	Single-channel	Single-channel	Single-channel
Type of activation	Pneumatic	Pneumatic	Pneumatic	Pneumatic
<b>IDENTIFICATION AND LOGISTICS</b>				
Gross weight (kg)	370	385	400	425
EAN code	3308815079073	3308815079080	3308815079097	3308815079103
Factory code	CUBIC2SC3-0T	CUBIC2SC4-0T	CUBIC2SC5-5T	CUBIC2SC7-5T

(DN=nominal diameter)

### Sanicom 1

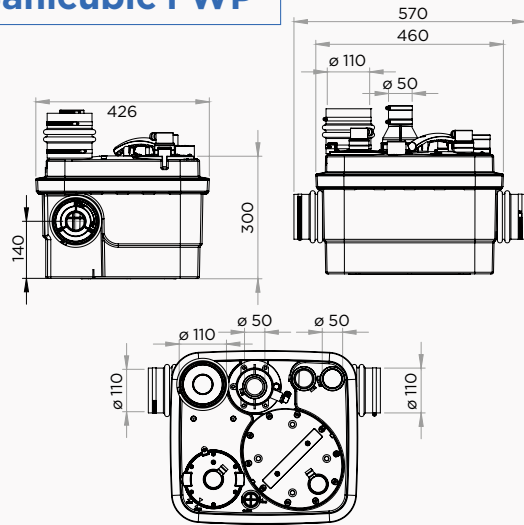


### Sanicom 2

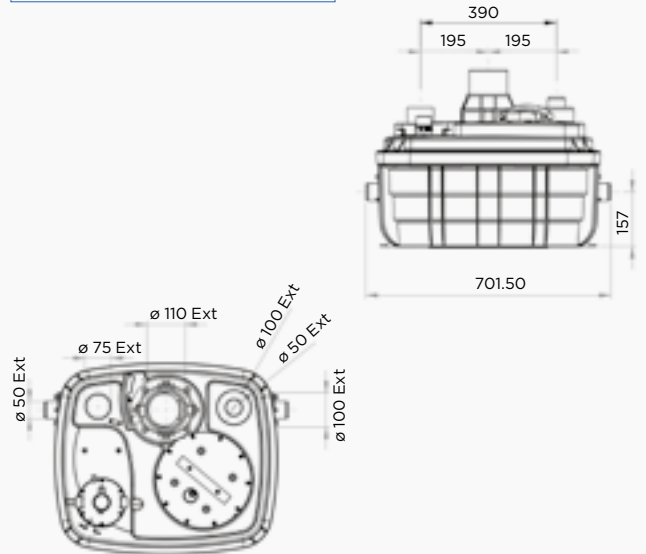


### Sanicubic 1

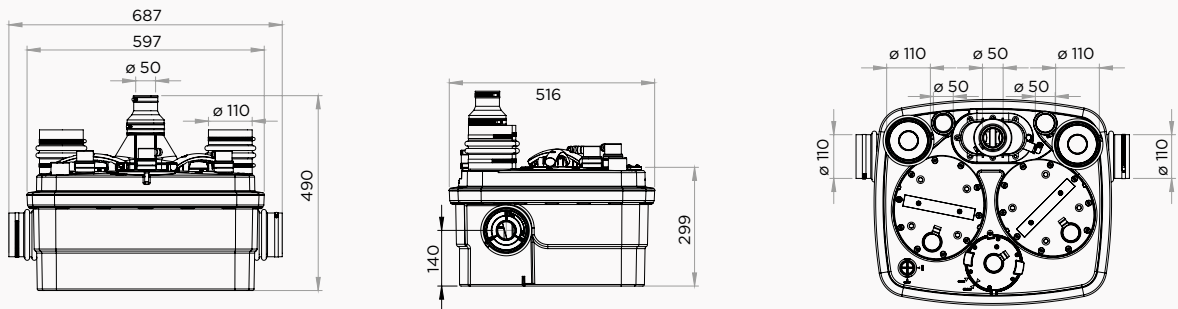
### Sanicubic 1 WP



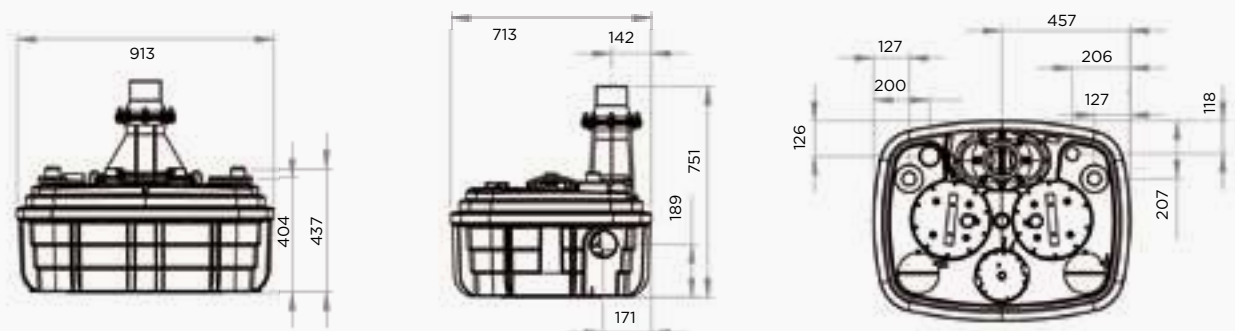
### Sanicubic 1 VX



### Sanicubic 2 Classic / Sanicubic 2 Pro



### Sanicubic 2 VX Single-phase / Sanicubic 2 VX Three-phase



# Sanifos

## underground lifting station

### SOME INSTALLATION TIPS

1

## TYPE OF SOIL

Before installing an underground lifting station, it is essential to be fully aware of the soil type. Sanifos lifting stations can also be installed inside the home, in a floor standing position.

2

## WHERE TO INSTALL YOUR LIFTING STATION?

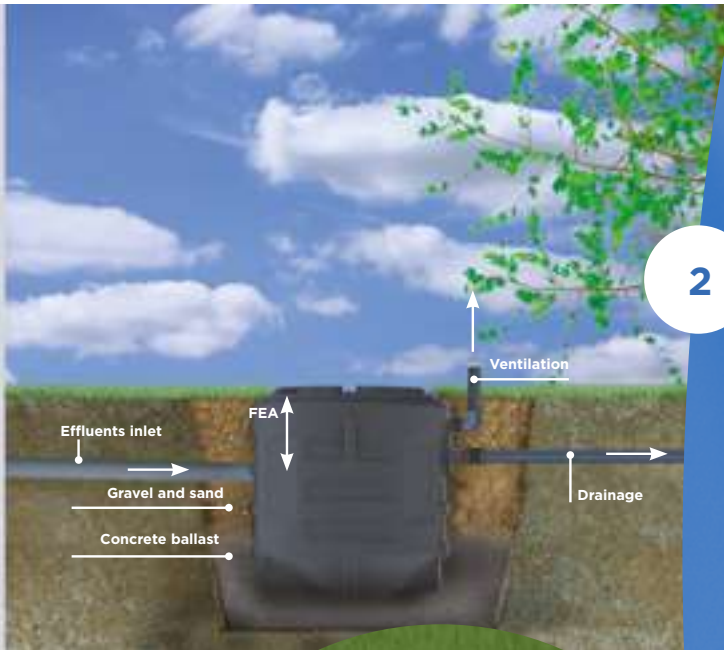
Sanifos lifting stations have an incoming water flow height of 182 mm to 2,450 (and of 2,940 mm with the extension), allowing for installation at various distances from the house.

3

## WHY DOES YOUR STATION NEED GOOD VENTILATION?

Ventilation must be installed in the upper part of the station for it to operate correctly.

- drain the gases that gather inside the tank
  - avoid depressurising the stations
- To do this, the lifting stations have ventilation openings.



**DIFFERENT FACTORS MUST BE CONSIDERED AND COMPLIED WITH DURING THE INSTALLATION OF THE SANIFOS UNDERGROUND LIFTING STATION.**

Standards : Our devices comply with the EN12050-1 standards of lifting stations for all waters and must be installed following the recommended guidelines of the EN 12056-4 and EN 752-6 standards.

\*For accurate technical information, please refer to the installation instructions and professional standards or seek advice from our technical service.

## WHY SANIFOS?

# Sanifos - for reliable pumping.

In addition to its Sanicubic floor standing lifting stations, SFA also offers a wide range of Sanifos underground lifting stations:

- 1 PUMP AND 2 PUMP MODELS
- SINGLE-PHASE AND THREE-PHASE MODELS
- GRINDER, VORTEX AND TWO-CHANNEL MODELS

These stations meet diverse requirements such as individual, commercial or small collective use.

## ADVANTAGES OF SANIFOS LIFTING STATIONS

### Reliability

- Rotation-moulded polyethylene high-density tank with high mechanical resistance, anti-odour, resistant to chemical attacks and UV rays.
- Thermal motor protection.

### Flexibility

- Several inlets of various diameters available.
- Ventilation openings.

### Easy installation and maintenance

- Station delivered fully equipped (pre-assembled hydraulic connections with gate valves and check valve).
- Cable gland for cable passage.
- Chain supplied as standard for pump output.
- Control unit included with Sanifos models with 2 pumps.
- Watertight terminal blocks supplied as standard (Sanifos 610 and 1300 models).





## Underground lifting stations

To save space in the house, and for discreet operation, SFA offers a full range of underground lifting stations: Sanifos. With a macerator or vortex, one pump or two, single-phase or three-phase motors, this range meets every need.

Product	Connected pump		Grey water	Black-water	Rainwater	Max. TDH(m)	Max. Q (m <sup>3</sup> /hr)
<b>Sanifos 110</b> 110 L tank	p.105 Sanipump GR p.104		✓	✓		14	11
<b>Sanifos 280</b> 280 L tank	Sanipump GR p.104		✓	✓		14	11
	Sanipump VX p.104		✓	✓		13	26
<b>Sanifos 610</b> 610 L tank	Sanipump GR p.104		✓	✓		14	16
	p.108 Sanipump VX p.104		✓	✓		16.7	28
	<b>NEW</b> Sanipump SLD p.112		✓		✓	13.7	35
<b>Sanifos 1300</b> 1300 L tank	p.110 Sanipump GR p.104		✓	✓		12	17
	Sanipump VX p.104		✓	✓		17	33

## Underground pumps

<b>Underground pumps</b>	p.114 Sanipump ZPG 71		✓		✓	31	43
	p.116 Sanipump ZFS 71		✓	✓		39	17

APPLICATIONS



Individual

DISCHARGE

14 m



WARRANTY



REFERENCES

Sanipump  
Single-phase  
Grinder  
EAN 3308815074610  
POMPIMMERGE

Sanipump  
Single-phase  
Vortex  
EAN 3308815076201  
POMPIMMERGEVORTEX



Sanipump Vortex installed in a sump

# Sanipump



Wastewater pumping

Easy installation:  
Lightweight: only 13 kg. Compactness, stability.



Autonomous  
pump operation.

Float activation system  
Max. temperature of incoming water: 70°C

TECHNICAL FEATURES

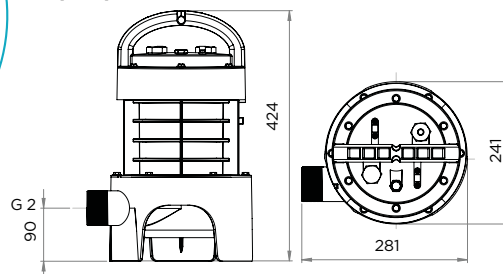
Discharge diameter ext.	DN 40 (GR) DN 50 (VX)
ON/OFF level	400/100
Voltage	230 V / 50-60 Hz
Consumption	1500 W
Immersion depth	5 m

PERFORMANCE

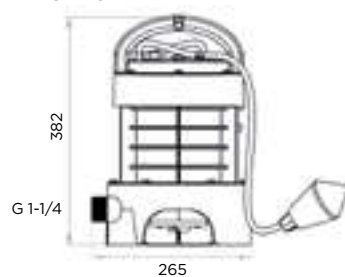
Sanipump GR (grinding)	
Max. flow	11 m <sup>3</sup>
Max. height	14 m
Sanipump VX (Vortex)	
Max. flow	27 m <sup>3</sup>
Max. height	13 m

DIMENSIONS

Sanipump Vortex



Sanipump Grinder



GRINDER OR VORTEX MODEL

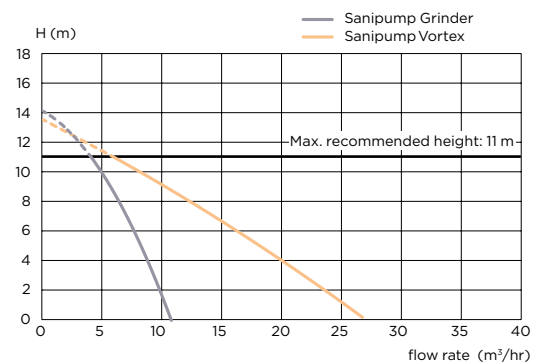


KX V6 Vortex Wheel



Pro X K2 knife

PUMP PERFORMANCE CURVES







## APPLICATIONS



Individual



Commercial

## DISCHARGE

14 m



## WARRANTY



## REFERENCE

Sanifos 110

EAN 3308815079318

SANIFOS110P

# Sanifos 110



Wastewater pumping station,  
single-phase model.

SFA PRo X K2 grinding system: less risk of clogging.

Easy handling thanks to the screw cap.



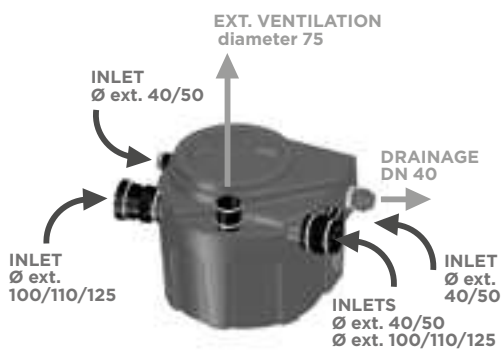
Automatic  
pump operation.

Complete drainage kit  
available as an option.

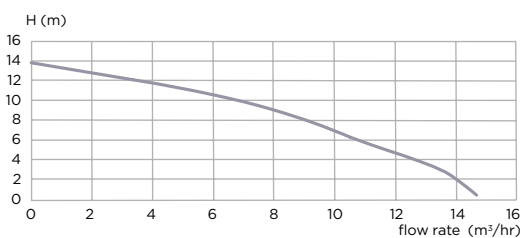
4 inlets for greater  
flexibility of installation



### 1-PUMP PUMPING STATION



### PUMP PERFORMANCE CURVE



### PACKING LIST

Tank with pre-assembled hydraulics and watertight seal

Submersible pump with float switch

Cable gland

### TECHNICAL FEATURES

<b>Tank volume</b>	110 L
<b>Material</b>	Polyethylene
<b>Ø of ext. inlets</b>	2 x 100, 110 mm 2 x 40, 50 mm
<b>Discharge diameter ext.</b>	50 mm
<b>Ventilation diameter</b>	1 x Ø ext. 75
<b>Maximum temperature of incoming wastewater</b>	70°C intermittently (max. 5 min)
<b>Water inlet (FEA)</b>	182 mm
<b>Wheel type</b>	Grinder
<b>Activation system</b>	Float
<b>ON/OFF level</b>	320/120 mm
<b>Voltage</b>	220-240 / 50 Hz
<b>Consumption</b>	1500 W
<b>Max. absorbed thermal intensity</b>	6 A
<b>Thermal overload protection</b>	Yes
<b>Station weight</b>	40 kg

### PERFORMANCE

<b>Max. flow</b>	11 m³/hr
<b>Max. height (Q = 0 m³/hr)</b>	14 m
<b>Max. recommended height</b>	11 m



Pro X K2  
knife



DRAINAGE KIT  
REFERENCE  
EAN 3308815077024  
KITEVACSANIFOS110

## APPLICATIONS



Individual



Commercial

## DISCHARGE

14 m



## WARRANTY



## REFERENCE

Sanifos 280

Grinder

EAN 3308815083117

SANIFOS280GRS



Optional remote unit for wired alarm and float to attach inside the tank



Pro X K2 knife



30 cm extension  
Sanifos 280  
FEA: 500-900 mm  
**REFERENCE**  
EAN 3308815081298  
RO250239



# Sanifos 280



Underground pumping station for wastewater, single-phase version, Grinder or Vortex pump, supplied fitted.

Extension accessory available for greater installation flexibility.



Automatic pump operation.

Self-cleaning tank bottom.

Adjustable water inlet: 3 zones for customised drilling.





## APPLICATIONS



Individual



Commercial

## DISCHARGE

13 m



## WARRANTY



## REFERENCE

**Sanifos 280 Vortex**  
 EAN 3308815081304  
 SANIFOS280VORTEX

### PACKING LIST

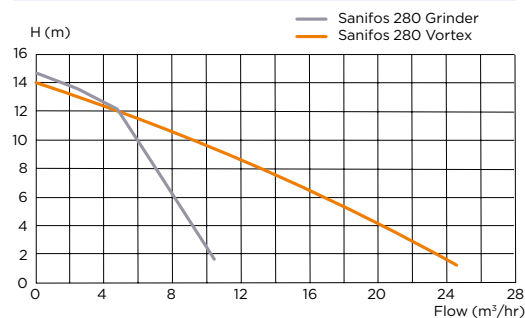
Tank with pre-assembled hydraulics, gate valve and check valve

Submersible pump with float switch

Remote alarm

Handling chain, IP68 terminal block, cable gland

### PUMP PERFORMANCE CURVES



### TECHNICAL FEATURES

	Sanifos 280 Grinder	Sanifos 280 Vortex
Tank volume	280 L	
Material	Polyethylene	
Ø of ext. inlets	50, 100 mm	
Discharge diameter ext.	50 mm	63 mm
Ventilation diameter	2 x Ø ext. 75	
Maximum temperature of incoming wastewater	70°C intermittently ( max. 5 min.)	
Water inlet (FEA)	250 mm (550 mm with extension)	
Wheel type	Grinder	Vortex
Activation system	Float	
ON/OFF level	400/ 100 mm	
Voltage	220-240 / 50 Hz	
Consumption	1,500 W	
Max. absorbed intensity	6 A	
Thermal overload protection	Yes	
Station weight	55 kg	

### PERFORMANCE

Max. flow	11 m³/hr	27 m³/hr
Max. height (Q = 0 m³/hr)	14 m	13 m
Max. recommended height	11 m	11 m (DN 50)



Optional remote unit for wired alarm and float to attach inside the tank



KX V6 Vortex wheel system



30 cm extension  
 Sanifos 280  
 FEA: 500-900 mm  
**REFERENCE**  
 EAN 3308815081298  
 RO250239



## APPLICATIONS



Individual



Commercial



Collective

## DISCHARGE

14 m



## WARRANTY



### 1 PUMP REFERENCES

**1. Sanifos 610**  
Single-phase dual  
channel

EAN 3308815084145  
SANIFOS610ISLD700SA

**2. Sanifos 610**  
Single-phase Grinder  
EAN 3308815081687  
SANIFOS610IGRSPS

**3. Sanifos 610**  
Single-phase Vortex  
EAN 3308815083094  
SANIFOS610IVXSPS



Optional remote unit  
for wired alarm  
and float to attach  
inside the tank



**NEW**  
**2021**

# Sanifos 610 Single-phase Sanifos 610 Three-phase



1 or 2-pump pumping station for wastewater,  
single-phase or three-phase model, grinder or  
Vortex pump, supplied fitted.

1 or 2 pump two-channel model for rainwater,  
single-phase or three-phase.

Extension accessory available for greater  
installation flexibility.

Energy saving and limited pump use thanks to high  
usable capacity.

IP 68 waterproof terminal blocks supplied as  
standard.



2 alternating pumps for more intensive use.

Self-cleaning tank bottom.

Supplied with its unit (2 pump version): interactive  
and smart station monitoring system.

SFA Connection mobile application  
available with the SMART option  
compatible with single-phase  
dual pump models (see pg. 109).



Sanifos 610 grinder  
2 pumps



Sanipump SLD 700  
2 pump three-phase



## WHEELS



KX V6 Vortex wheel system

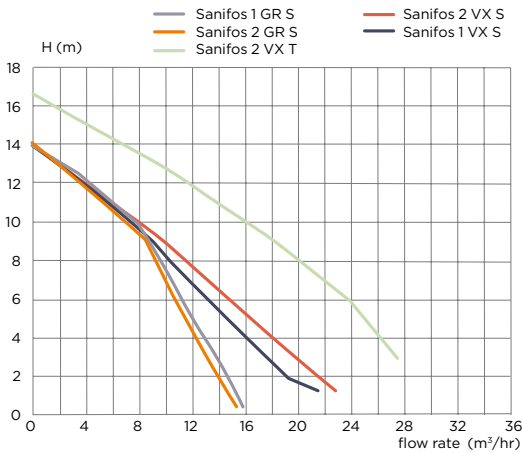
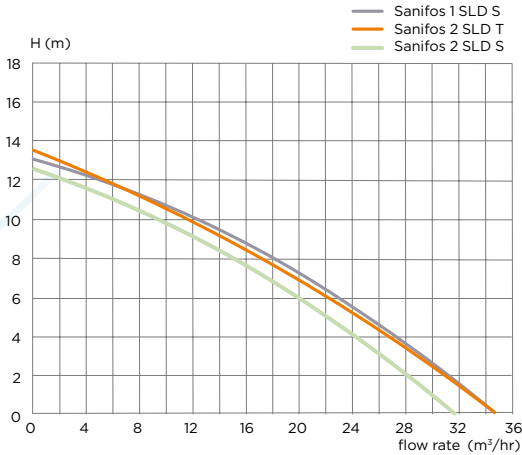


Prox K2 knife



Two-channel wheel system

## PUMP PERFORMANCE CURVE



## EXTENSION



40 cm extension  
Sanifos 610  
FEA:  
- 2 pump: 725 - 1,010 mm  
- 1 pump: 725 - 980 mm  
Reference:  
EAN 3308815077826  
RO250100

## PACKING LIST

Tank with pre-assembled hydraulics, 2 gate valves, 2 check valves and 3 floats installed inside the tank

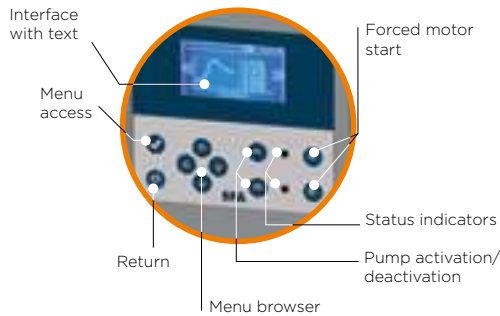
1 or 2 submersible pumps

Handling chains, cable glands, waterproof terminal blocks

SMART control unit (2 pump version only)

Remote alarm unit

## 2 MOTOR SMART SYSTEM



## TECHNICAL FEATURES

	Two-channel		Grinder	Vortex	
	Single-phase	Three-phase	Single-phase	Single-phase	Three-phase
	1 pump (model n°1) or 2 pumps (model n°4)	2 pumps (model n°5)	1 pump (model n°2) or 2 pumps (model n°6)	1 pump (model n°3) or 2 pumps (model n°7)	2 pumps (model n°8)
<b>TANK</b>					
Tank volume	612 l				
Material	Polyethylene				
Inlet diameter	6 ext. inlets ø 50/100				
Discharge pipe diameter	DN 50 (ext. 63)		DN 40 (ext. 50)	DN 50 (ext. 63)	
Ventilation	1 x ø ext. 75				
Maximum temperature of incoming wastewater	70°C intermittently ( max. 5 min)				
Flow	35 m³/hr 1 pump, 32 m³/hr 2 pumps	35 m³/hr 2 pumps	16 m³/hr	21 m³/hr	28 m³/hr
Max. height (Q = 0 m³/hr)	13.5 m 1 pump, 13 m 2 pumps	13.7 m³/hr 2 pumps	14 m		16.7 m
Max. recommended height	12 m (DN 50)		11 m	11 m (DN 50)	15 m (DN 50)
ON/OFF level	1 pump 560/390 mm or 2 pumps 470/50 mm		1 pump 500/140 mm or 2 pumps 470/50 mm		
Water inlet (FEA)	FEA: 325 - 580 mm (with extension: 725 mm)				
Voltage	230 V/50-60 Hz	400 V/50-60 Hz	230 V/50-60 Hz		400 V/50-60 Hz
Consumption (W)	1,100 W		1,500 W		2,800 W
Thermal overload protection	Yes				
Activation system	Float				
Check valve	1 or 2	2	1 or 2	2	
Max. absorbed intensity	1 x 9.2A or 2 x 9.2A	2 x 3.3A	1 x 6A or 2 x 6A	2 x 6A	
Station weight	1 pump: 85 kg or 2 pumps: 120 kg		1 pump: 68 kg or 2 pumps: 88 kg		

## APPLICATIONS



Individual



Commercial



Collective

## DISCHARGE

17 m



## WARRANTY



## 2 PUMP REFERENCES

### 4. Sanifos 610

Single-phase two-channel

EAN 3308815084152  
SANIFOS6102SLD700S

### 5. Sanifos 610

Three-phase two-channel

EAN 3308815084169  
SANIFOS6102SLD700T

### 6. Sanifos 610

Single-phase Grinder

EAN 3308815083087  
SANIFOS6102GRSPS

### 7. Sanifos 610

Single-phase Vortex

EAN 3308815083100  
SANIFOS6102VXSPS

### 8. Sanifos 610

Three-phase Vortex

EAN 3308815081663  
SANIFOS6102VXSPT



Smart control unit



Remote alarm unit as standard



## APPLICATIONS



Individual



Commercial



Collective

## DISCHARGE

13 m



## WARRANTY



## SINGLE-PHASE REFERENCES

Sanifos 1300

Single-phase  
Grinder

EAN 3308815077796

SANIFOS1300

Sanifos 1300

Single-phase  
Vortex

EAN 3308815077802

SANIFOS1300VORTEX



# Sanifos 1300 Single-phase Sanifos 1300 Three-phase



### Wastewater pumping

Installation of two pumps on cast iron support bases with stainless steel guide bars for easy maintenance.

Extension accessory available for greater installation flexibility.

Vertical drilling area for effluent inlet with template provided.

Discharge level compatible with frost-proof installation.



Self-cleaning sloped tank bottom.

2 pumps running alternately for long-lasting, safe operation.

Supplied with SMART unit: interactive, intelligent station monitoring system.



## APPLICATIONS



Individual



Commercial



Collective

## DISCHARGE

17 m



## WARRANTY



## THREE-PHASE REFERENCE

Sanifos 1300

Three-phase Vortex

EAN 3308815077819

SANIFOS1300VORTEXTRI

### WHEELS



KX V6 Vortex wheel system



Pro X K2 knife

### 2-PUMP UNDERGROUND PUMPING STATION

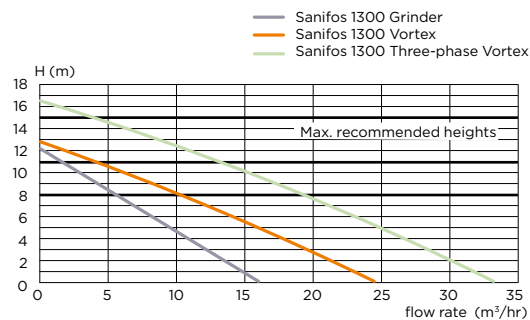


### SANIFOS 1300 WITH EXTENSION

40 cm extension  
Sanifos 1300 FEA:  
896 - 2,014 mm  
Reference:  
EAN 3308815077826  
RO250100



### PUMP PERFORMANCE CURVE



### PACKING LIST

Tank with pre-assembled hydraulics, 2 gate valves, 2 check valves and 3 floats installed inside the tank

2 submersible pumps

Stainless steel handling chains with 2 fixing shackles, cable glands, waterproof terminal blocks, tank seal, 1 drilling template

SMART control unit

Remote alarm unit

### TECHNICAL FEATURES

	Sanifos 1300 Grinder single.	Sanifos 1300 Vortex single.	Sanifos 1300 Vortex three.
<b>TANK</b>			
Tank volume		1,300 l	
Material		Polyethylene	
Ø of ext. inlets		160 mm	
Discharge diameter ext.		63 mm	
Ventilation diameter		Ø 75	
Maximum temperature of incoming wastewater		70°C intermittently ( max. 5 min.)	
ON/OFF level		650/150 mm	
Wheel type	Grinder	Vortex	Vortex
Water inlet (FEA)		560 / 960 with extension	
Possible connections		1 DN 160	
<b>PERFORMANCE</b>			
Voltage	230 V/50 Hz		400 V/50 Hz
Consumption	2 x 1,500 W		2 x 2,800 W
Thermal overload protection		Yes	
Activation system		Float	
Check valve		2	
Max. absorbed intensity	2 x 6 A		2 x 7 A
Station weight		116 kg	

### PERFORMANCE

	16 m³/hr	25 m³/hr	32 m³/hr
Max. flow			
Max. height (Q = 0 m³/hr)	12m	13m	17m
Max. recommended height	8m	11m	15m



SMART control unit



Remote alarm unit



## APPLICATIONS



Individual



Commercial



Collective

## DISCHARGE

14 m



## WARRANTY



## REFERENCES

Sanipump SLD 700 SA  
Single-phase  
EAN 3308815083988  
SLD-002

Sanipump SLD 700 S  
Single-phase  
EAN 3308815084015  
SLD-001

Sanipump SLD 700 T  
Three-phase  
EAN 3308815084060  
SLD-003



# Sanipump SLD 700



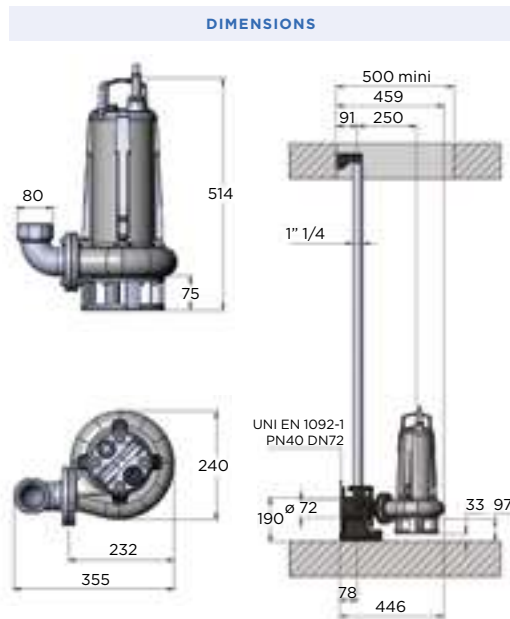
Customised offer: choice of components according to requirements.

Heavy flows: up to 48 m<sup>3</sup>/hr.



Rainwater drainage.

Two-channel wheel for efficient drainage with 50 mm clearance.



### CAST IRON AND STEEL PUMPING STATION

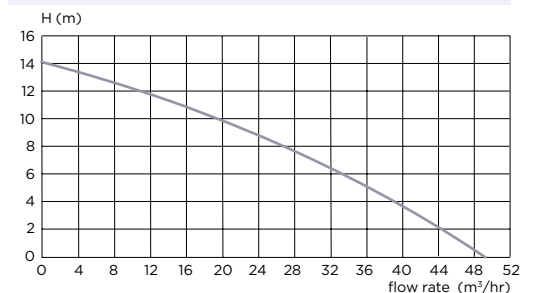
Standing or with coupling system

Applications: rainwater (operational mode S1), sump water drainage

### TECHNICAL FEATURES

<b>Max. solid handling capacity</b>	50 mm
<b>Discharge diameter ext.</b>	DN 50 (ext. 63)
<b>Material</b>	Stainless steel and cast iron
<b>Max. temperature</b>	70°C
<b>Power rating</b>	1,100 W
<b>Voltage</b>	230 V (single-phase models) 400 V (three-phase models)
<b>Intensity</b>	9.2 A (single-phase models) 3.3 A (three-phase models)
<b>Weight</b>	30 kg (Sanifos 610 SLD 700 SA) 29 kg (Sanifos 610 SLD 700 S / T)

### PERFORMANCE CURVE





## APPLICATIONS



Individual



Commercial



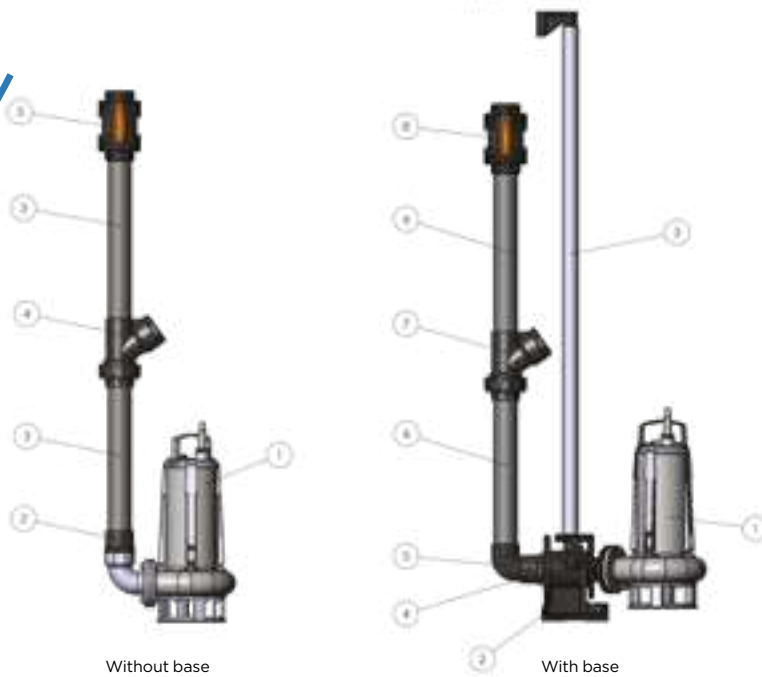
Collective

## DISCHARGE

14 m



## WARRANTY



Without base

With base

### PUMP ONLY WITHOUT BASE

		Sanipump SLD 700 SA 1 pump	Sanipump SLD 700 S 1 pump	Sanipump SLD 700 T 1 pump	Sanipump SLD 700 S 2 pumps	Sanipump SLD 700 T 2 pumps
<b>Pump with float and built-in control unit</b>	3308815083988 SLD-002	X1				
<b>Single-phase pump</b>	3308815084015 SLD-001		X1		X2	
<b>Three-phase pump</b>	3308815084060 SLD-003			X1		X2
<b>Float</b>	3308815082691 FLOT-001		X3	X3	X4	X4
<b>Drainage kit</b>	3308815083995 KITEVAC-001	X1	X1	X1	X2	X2
<b>ZPS single-phase 1 pump control unit</b>	3308815081830 ZPS-005		X1			
<b>ZPS three-phase 1 pump control unit</b>	3308815081854 ZPS-007			X1		
<b>ZPS single-phase 2 pump control unit</b>	3308815081847 ZPS-006		X1		X1	
<b>ZPS three-phase 2 pump control unit</b>	3308815081878 ZPS-008					X1
<b>Drainage kit accessories</b>	3308815084022 KITACCESS-001	X1	X1	X1	X2	X2

1. Sanipump SLD 700 SA/S/T pump  
2. Coupler 2" Ø 63

3. PVC pipe Ø 63 2 x 500 mm  
4. Ball valve Y Ø 63

5. Gate valve Ø 63

### PUMP ONLY WITH BASE

		Sanipump SLD 700 SA 1 pump	Sanipump SLD 700 S 1 pump	Sanipump SLD 700 T 1 pump	Sanipump SLD 700 S 2 pumps	Sanipump SLD 700 T 2 pumps
<b>Pump with float and built-in control unit</b>	3308815083988 SLD-002	X1				
<b>Single-phase pump</b>	3308815084015 SLD-001		X1		X2	
<b>Three-phase pump</b>	3308815084060 SLD-003			X1		X2
<b>Float</b>	3308815082691 FLOT-001		X3	X3	X4	X4
<b>Drainage kit</b>	3308815084008 KITEVAC-002	X1	X1	X1	X2	X2
<b>ZPS single-phase 1 pump control unit</b>	3308815081830 ZPS-005		X1			
<b>ZPS three-phase 1 pump control unit</b>	3308815081854 ZPS-007			X1		
<b>ZPS single-phase 2 pump control unit</b>	3308815081847 ZPS-006				X1	
<b>ZPS three-phase 2 pump control unit</b>	3308815081878 ZPS-008					X1
<b>3M guide bar</b>	3308815082028 HYDRO-00006	X2	X2	X2	X4	X4
<b>Coupling system</b>	3308815084176 HYDRO-00060	X1	X2	X2	X2	X2
<b>Drainage kit accessories</b>	3308815084039 KITACCESS-002	X1	X1	X1	X2	X2

1. Sanipump SLD 700 SA/S/T pump  
2. Base  
3. 1"1/4 guide bar

4. Coupler 2" 1/2 Ø 63  
5. Elbow 90° MF  
6. PVC pressure hose Ø 63 2 x 500 mm

7. Ball valve Y Ø 63  
8. Gate valve Ø 63



Single-phase Sanipump SLD with drainage kit and coupling system



Two-channel wheel with 50 mm clearance

APPLICATIONS



Individual



Commercial

DISCHARGE

19 to 31 m



WARRANTY



REFERENCES

See table right page



# Sanipump ZPG 71



Cast iron submersible pump for pumping grey water and rainwater (S1 mode if motor fully submerged).

Can be installed in a manhole or in a pit.

All accessories are available for installation on the floor or on a base.

Two-channel wheel.

Free passage 40 mm.

Compatible with Sanifos 1600 / 2100 / 3100.

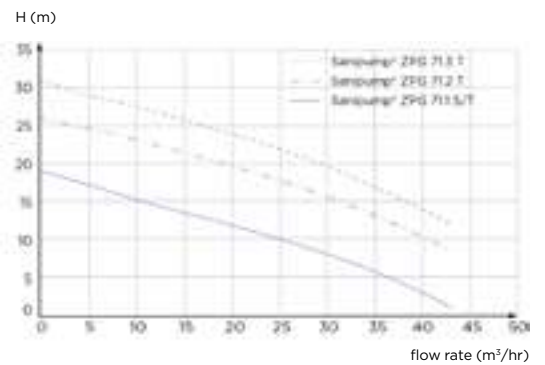


Two-channel Wheel

PERFORMANCE

TMH max.	31 m
Max. flow rate	43 m <sup>3</sup> /h

PUMP PERFORMANCE CURVE





Individual



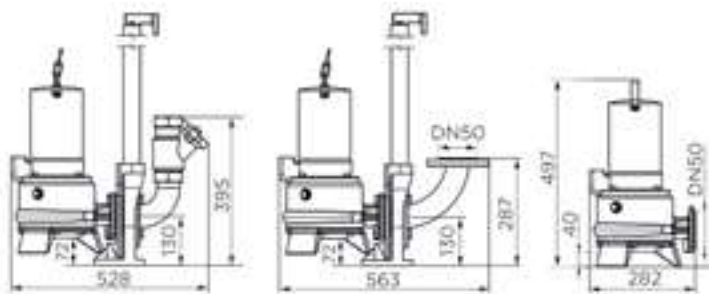
Commercial

DISCHARGE

19 to 31 m



DIMENSIONS



	SANIPUMP ZPG 71.1 S	SANIPUMP ZPG 71.1 T	SANIPUMP ZPG 71.2 T	SANIPUMP ZPG 71.3 T
--	------------------------	------------------------	------------------------	------------------------

MATERIALS

Pump housing	GG-20	GG-20	GG-20	GG-20
Shaft	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Waterproofing	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic
Motor housing	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20
Foot	GG-20	GG-20	GG-20	GG-20

ELECTRICALS FEATURES

Voltage (V)	230	400	400	400
Frequency (Hz)	50-60	50-60	50-60	50-60
Power consumption P1 (P=power) (W)	2200	2100	3900	3900
Power output P2 (P=power) (W)	1600	1700	3200	3200
RPM (=revolution per minute) (tours/min)	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, Section	S1BN8-F, 1,5	S1BN8-F, 1,5	S1BN8-F, 1,5	S1BN8-F, 1,5

HYDRAULICS

Total manometric head (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
Type of wheel	Two-channel	Two-channel	Two-channel	Two-channel
Max. temperature of the pumped liquid (5 min)	70°C	70°C	70°C	70°C

IDENTIFICATION AND LOGISTICS

Gross weight (kg)	38	40	44	46
EAN code	3308815081533	3308815081540	3308815081557	3308815081564
Factory code	ZPG-001	ZPG-002	ZPG-003	ZPG-004

(DN=nominal diameter)

APPLICATIONS



Individual



Commercial

DISCHARGE

22 to 39 m



WARRANTY



REFERENCES

See table right page



# Sanipump ZFS 71



Cast iron submersible grinder pump for all waste water.  
 S1 mode (if fully submerged motor).  
 Can be used for multiple applications.  
 Suitable for public buildings..

Compatible with Sanifos 1600/2100/3100.  
 Grinder.  
 DN50 evacuation.

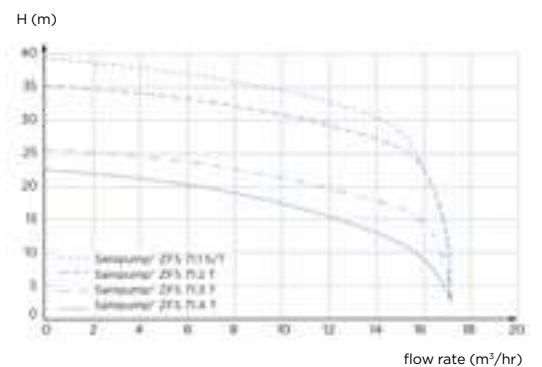


Grinder wheel Pro X K3

PERFORMANCE

TMH max.	39 m
Max. flow rate	17 m <sup>3</sup> /h

PUMP PERFORMANCE CURVE



APPLICATIONS



Individual



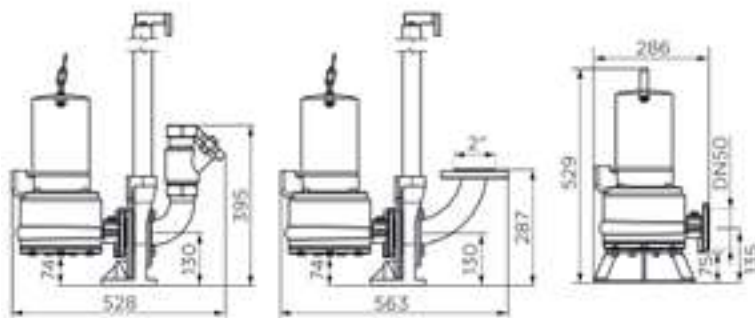
Commercial

DISCHARGE

22 to 39 m



DIMENSIONS



	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
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MATERIALS

Pump housing	GG-20	GG-20	GG-20	GG-20	GG-20
Shaft	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Waterproofing	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic
Motor housing	GG-20	GG-20	GG-20	GG-20	GG-20
Impeller	GG-20	GG-20	GG-20	GG-20	GG-20
Foot	GG-20	GG-20	GG-20	GG-20	GG-20

ELECTRICALS FEATURES

Voltage (V)	230	400	400	400	400
Frequency (Hz)	50-60	50-60	50-60	50-60	50-60
Power consumption P1 (P=power) (W)	2200	2100	3900	3900	3900
Power output P2 (P=power) (W)	1600	1700	3200	3200	3200
RPM (=revolution per minute) (tours/min)	2800	2800	2800	2800	2800
Electrical class	I	I	I	I	I
Motor insulation class	F	F	F	F	F
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, Section	S1BN8-F, 1,5	S1BN8-F, 1,5	S1BN8-F, 1,5	S1BN8-F, 1,5	S1BN8-F, 1,5
ATEX	Yes	Yes	Yes	Yes	Yes

HYDRAULICS

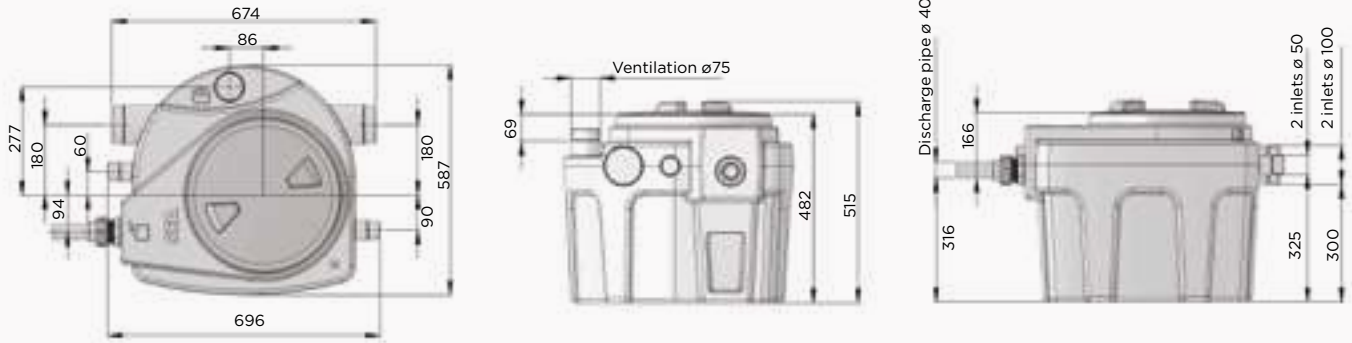
Total manometric head (m)	22	22	25	35	39
Max. flow rate (m <sup>3</sup> /h)	17	17	17	17	17
Discharge diameter DN	50	50	50	50	50
Type of wheel	Grinder	Grinder	Grinder	Grinder	Grinder
Max. temperature of the pumped liquid (5 min)	70°C	70°C	70°C	70°C	70°C

IDENTIFICATION AND LOGISTICS

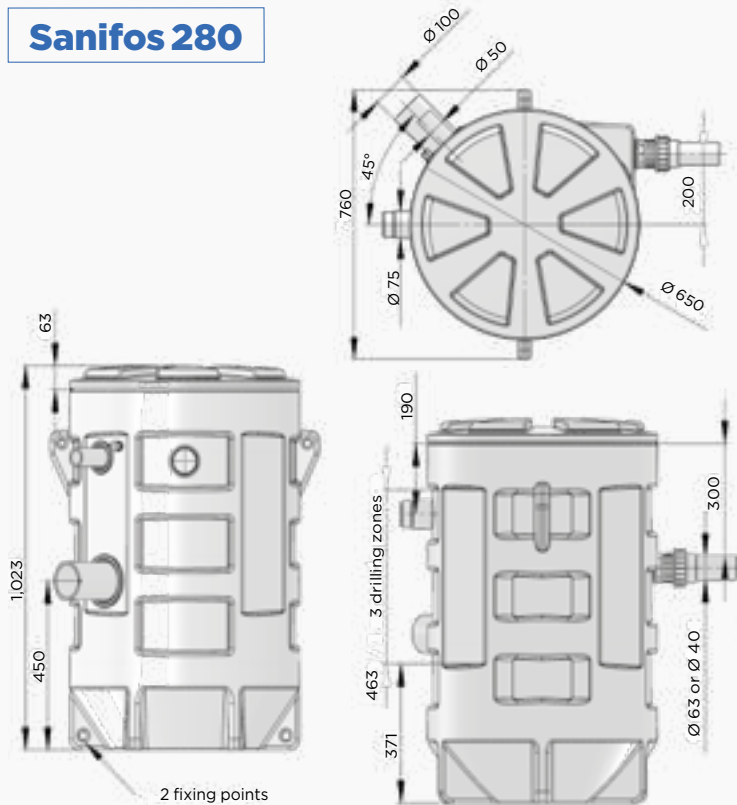
Gross weight (kg)	38	38	38	42	42
EAN code	3308815081571	3308815081588	3308815081595	3308815081601	3308815081618
Factory code	ZFS-001	ZFS-002	ZFS-003	ZFS-004	ZFS-005

(DN=nominal diameter)

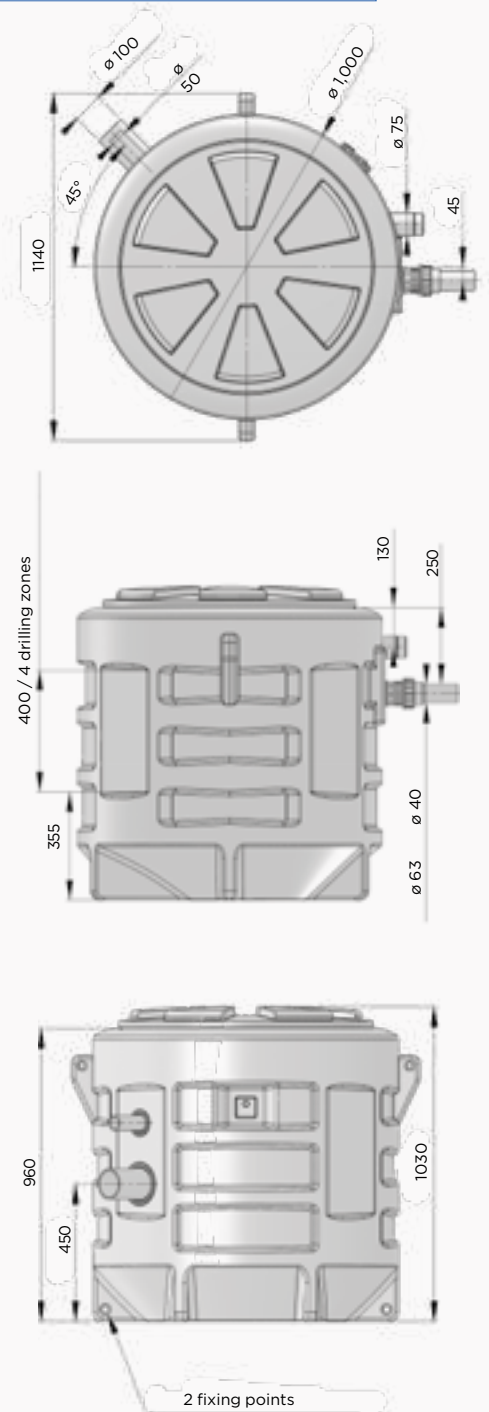
## Sanifos 110



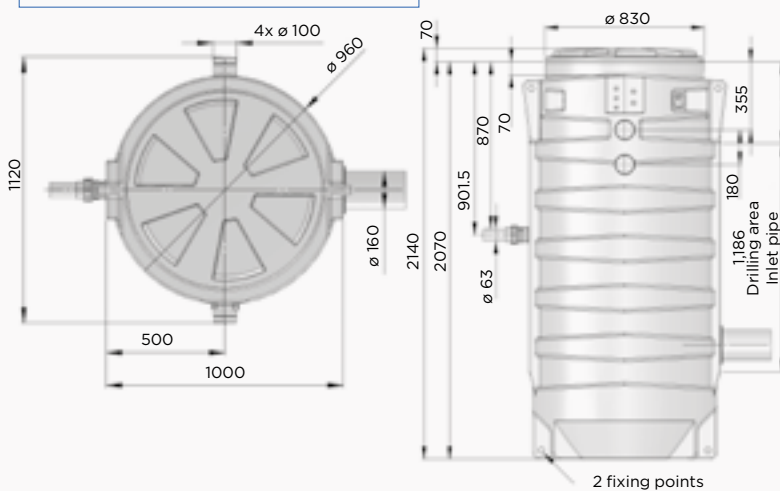
## Sanifos 280



## Sanifos 610 *Single-phase* Sanifos 610 *Three-phase*



## Sanifos 1300 *Single-phase* Sanifos 1300 *Three-phase*



## 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).



**SFA**

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