



Shaking up water

2020 Catalogue  
PUMPS & STATIONS  
PROJECTS



# SOLUTIONS FOR ALL YOUR NEEDS



## CHOOSE A STATION FLOOR-STANDING p.10

- Many advantages:
- Easy access and maintenance
  - Simple to install inside a building or home, shop
  - Multiple single-phase or three-phase options
  - Low installation cost



## CHOOSE A GREASE SEPARATOR p.32

- Complete solutions:
- Different volumes according to the number of covers
  - Mobile solution
  - Stainless steel or composite versions



## CHOOSE A PUMP p.36

- A wide range of applications:
- Clear, grey or waste water
  - Portable versions
  - Multiple accessories



## CHOOSE A STATION TO INSTALL UNDERGROUND p. 50

- Complete and tailor-made solutions:
- Full range of pumps and tanks
  - Class D certified products allow for installation under carriageways according to EN124 Standard Classification
  - Easy maintenance
  - Saving space in your home

## PRODUCTS

SFA provides wide-ranging pumping solutions to meet all your needs: pumping stations for clear, grey and wastewater, floor-standing or underground stations in single-phase or three-phase versions, vortex wheels, single-channel wheels or with grinder, pumps only, grease separators, assembly accessories...

## CONTENTS

HYDRAULICS	8
REFERENCES	9

### FLOOR-STANDING RANGE

SANICOM® 1 / SANICOM® 2	12
SANICUBIC® 1 VX	14
SANICUBIC® 2 VX	16
SANICUBIC® 1 & 1 WP	18
SANICUBIC® 2 CLASSIC & PRO	20
SANICUBIC® 1 GR	22
SANICUBIC® 2 GR	24
SANICUBIC® 1 SC	26
SANICUBIC® 2 SC	28
ACCESSORIES	30
SMART/APPLICATION	31

### GREASE SEPARATOR RANGE

SANIGREASE® T24	33
SANIGREASE® T	34
SANIGREASE® S	35

### PUMP ONLY RANGE

SANIWELL®	38
SANIPUDDLE®	39
SANISUB® 400	40
SANISUB® ZPK & S-ZPK	41
SANISUB® STEEL	42
SANIUMP® ZPG 71	43
SANIPUMP® GR VX	44
SANIPUMP® ZFS 71	45
ACCESSORIES	46

### UNDERGROUND RANGE

ADVICE	48
SANIFOS® 110	52
SANIFOS® 280	53
SANIFOS® 610	54
SANIFOS® 1300	56
ACCESSORIES	58
SMART/APPLICATION	59
SANIFOS® 1600/2100/3100	61
BOXES	63
FLOATS	64
FALL PROTECTION COVERS/GRIDS	65
ACCESSORIES	66

### PROJECTS

PRODUCT NAMES	68
QUOTE	70
GENERAL TERMS OF SALE	74



# SFA GROUP, WORLD LEADER IN SANITARY FIXTURES

For over 60 years, the **Société Française d'Assainissement [French Sanitation Company]** has worked with Europelec to improve water treatment processes.

The SFA Group, responsible for inventing the famous SANIBROYEUR® SFA, has a global presence and is renowned as one of the world leaders in the field of sanitation today.

Technological expertise acquired through its products along with solid market knowledge, have enabled the Group to expand its range of services : from the SANIBROYEUR® to floor-standing or underground pumping stations.

With the acquisition of Zehnder Pumpen and its technologies, SFA now offers a full range of appliances designed for individual, commercial, collective or industrial use, as well as proven expertise in this field.

## > DESIGN

At the company's head office, located in the heart of Paris, technical teams design new projects in response to market expectations. In order to ensure their reliability, prototypes undergo laboratory trials within the production units themselves.

## > FRANCO-GERMAN MANUFACTURING

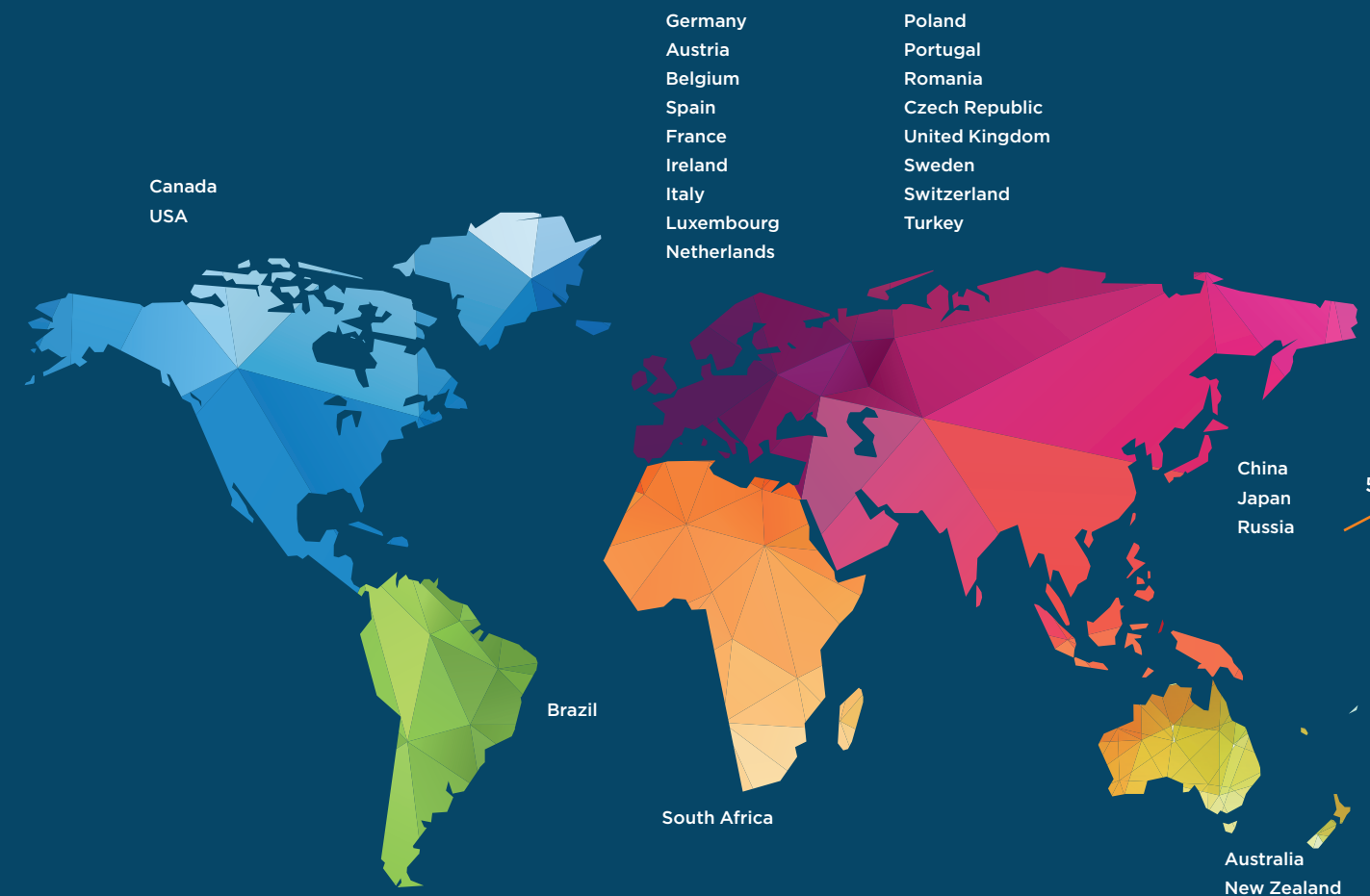
The Group has ISO 9001 and ISO 14001 certified production units in France and Germany which provide product quality control.

## > COMMERCIAL PARTNER

The Group engages with its partners daily, giving them full access to teams of experts who provide support in the sales of its high-tech products.



## WORLDWIDE PRESENCE



### Our export



### countries

Cyprus, Malta, India, Norway, the Baltic States, Croatia, Israel, Ukraine, Bulgaria, the Middle East, French Overseas Departments & Territories, Algeria, Morocco, Tunisia, Egypt, Greece, Sudan, Finland, West Africa

# CHOOSING YOUR PUMPING STATION

1

## DETERMINE THE PEAK FLOW

This is the amount of water to be pumped away according to the type and number of sanitation devices connected to the pumping station.  
The flow measures volume per unit of time and is expressed in cubic metres per hour (m³/h) or litres per second (L/s).

### Estimating flow rate



Based on a residence comprising: 1 WC, 1 bath, 1 shower, 1 basin, 1 sink, 1 washing machine, 1 dishwasher

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

2

## CALCULATING THE TOTAL DYNAMIC HEAD (HMT)

TDH corresponds to the pressure that the pump must provide between the suction and discharge points.

$$TDH = \text{Geo H} + H_v$$

### Geo H = geometric height

This is the height that the water must be pumped, expressed in meters.

**H<sub>v</sub>**=Total of the head losses in the discharge pipe (expressed in metres of water column).

There are 2 types of head loss :

• **regular head losses (or linear):** these result from the friction of the fluid against the walls of the discharge pipe

• **singular head losses by friction:** these result from accidents in the pipe components, elbow, check valves, etc.)

These must be added to the geometric height in order to calculate the total dynamic head.

The value in this table must be multiplied by the total length of the discharge pipe to obtain the total of the head losses.

Table of head losses

Flow in m³/h	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	DN 125 129.2/140	DN 150 147.5/160
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	0.005	
50						0.024	0.008	
60						0.033	0.01	0.006
70						0.044	0.014	0.007
80						0.056	0.018	0.009
90							0.022	0.011
100							0.026	0.014
120							0.037	0.019
150								0.029

Once the total dynamic head and the peak flow have been calculated, the characteristic curve of the pump will determine its suitability for requirements. The volume of the tank will then be worked out according to the specific requirements of each installation.

## CASE STUDY

2 residences are connected to a pumping station. The station must discharge wastewater at a height of 4 m over a total length of 10 m piping in 50 mm exterior PVC.

- **Geometric height:** 4 m.
- **Table of head losses:** for 2 residences, the estimated peak flow is 5 m³/h.

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

→ The total dynamic head is therefore:  $4 \text{ m} + 0.19 \text{ m} = 4.19 \text{ m}$

The project criteria is therefore: **TDH = 4.19 m and Flow = 5 m³/h**

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

The SANIFOS® range will meet his requirements. Due to installation constraints, a 280 litre tank is indicated.

Analysis of the pump performance curve for the SANIFOS® station confirms that the SANIFOS® 280 station matches installation requirements.



FOR FURTHER INFORMATION PLEASE CONSULT THE SALES AND TECHNICAL STAFF

# HYDRAULICS

## WHEEL SINGLE-CHANNEL & TWO-CHANNEL VORTEX GRINDER WHEEL

### > THE PUMPS

The pump is the main element of the pumping station. It is tasked with reliably pumping wastewater away from an installation.

SFA is always innovating to keep enhancing the performance of its pumps.

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



### OUR DIFFERENT SYSTEMS:



CLOSED WHEEL

**SANICOM® 1**  
**SANICOM® 2**



SINGLE CHANNEL WHEEL

**SANICUBIC® 1 SC**  
**SANICUBIC® 2 SC**



TWO-CHANNEL WHEEL

**SANIPUMP® ZPG**  
**SANIFOS® 1600/2100/3100**



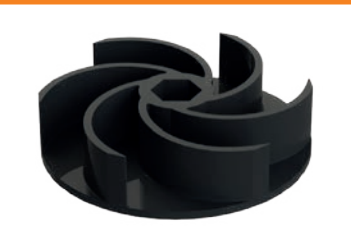
GRINDER WHEEL Pro X K2

**SANICUBIC®**  
**SANICUBIC® 1 / 1 WP**  
**SANICUBIC® 2 CLASSIC**  
**SANICUBIC® 2 PRO**  
**SANIFOS® 110/280/610/1300**  
**SANIPUMP® GR**



GRINDER WHEEL Pro X K3

**SANICUBIC® 1 GR**  
**SANICUBIC® 2 GR**  
**SANIFOS® 1600/2100/3100**  
**SANIPUMP® ZFS**



VORTEX WHEEL KX V6

**SANICUBIC® 1 VX**  
**SANICUBIC® 2 VX**  
**SANIFOS® 280/610/1300**  
**SANIPUMP® VX**

# REFERENCES



The Al Said Super-Yacht is the royal yacht of Sultan Qaboos bin Said al Said of Oman and the fifth longest yacht in the world. The yacht can transport 150 crew members and accommodates up to 65 guests. SANICUBIC® 1 GR ensures the reliable disposal of wastewater without risk of backflow.



Approx. 1.4 million passengers use the Berlin U-Bahn every day. SFA® equips many of these stations, including Berlin Potsdamer Platz station, with the most modern pump technology and pumping solutions in response to important needs.



A SANICUBIC pumping station® 2 VX was installed in the basement to discharge wastewater to the sewer located at street level. The SANICUBIC® 2 VX is a high capacity pumping station (120 L), perfectly suited for commercial use, able to pump wastewater to a height of 10 m.



The SANIFOS pump® 610 was installed below ground outside the house to pump wastewater through to the public network. SANIFOS® 610 is a large capacity underground pumping station (610 L) designed to meet individual or commercial pumping needs. It pumps wastewater to a height of 16 m.

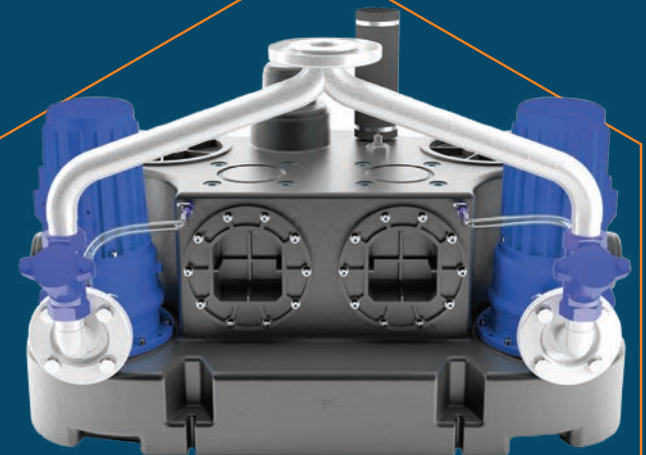
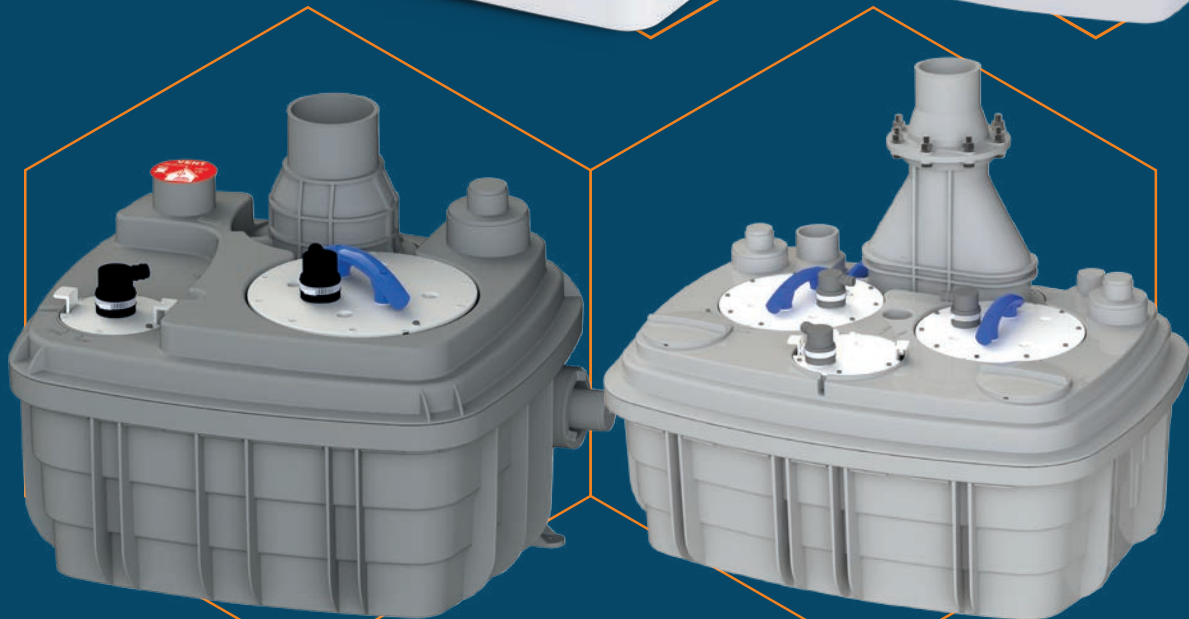
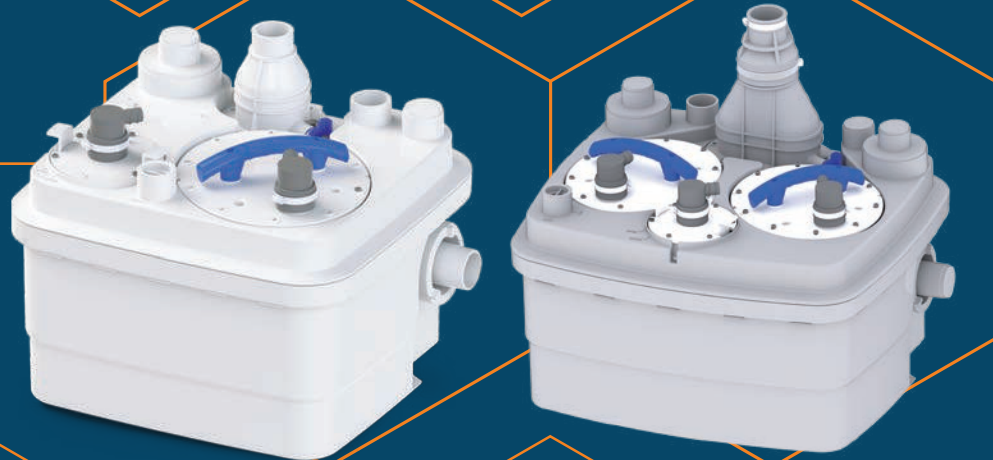


# 11 MODELS, 28 VERSIONS, TO MEET **ALL** **YOUR NEEDS**

FOR YOUR  
GREY  
WATER



FOR ALL  
WASTEWATER



# SANICOM<sup>®</sup> 1

FLOOR-STANDING PUMPING STATION

NEW VERSION



Optional wired audible and visual alarm unit (5 m cable)

## ADVANTAGES

- Easy installation, inlets on both sides for greater flexibility
- Liquid level alarm
- Easy maintenance
- Force start
- Integrated control
- Optional wired alarm unit

## GREY WATER

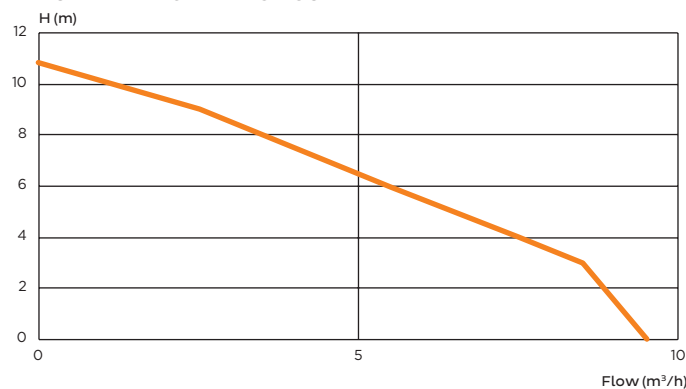
Launderettes, hair salons, restaurant & bar kitchens

11 m

## APPLICATIONS

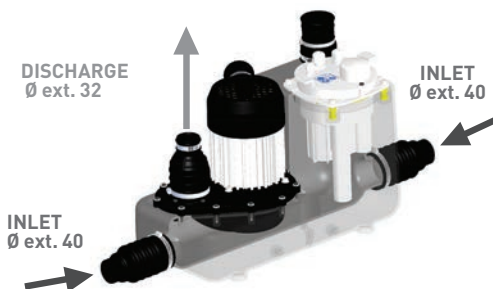
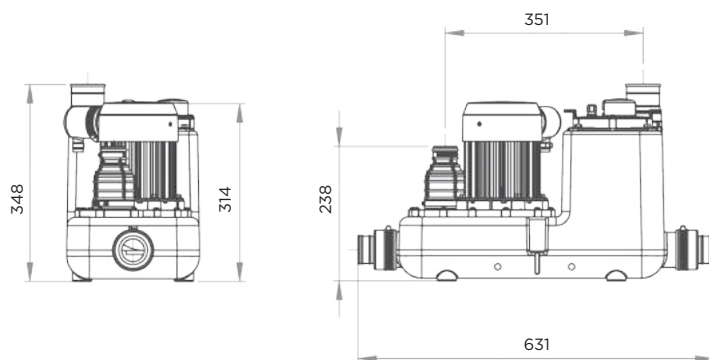
- Commercial applications

## PUMP PERFORMANCE CURVE



## FEATURES

- High density polyethylene tank
- Maximum temperature up to 90°
- Solid handling capacity: 8 mm
- Discharge pipe diameter (Ø ext. 32 mm)
- ON/OFF level 135/70 mm



REFERENCE	EAN	FACTORY CODE	TANK (L)	U (V)	P (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	ALARM
SANICOM 12020	3,308,815,082,851	COM1002	10	230	750	50-60	3.3	2,800	IP 44	8	11	12	Integrated	Option

# SANICOM<sup>®</sup> 2

FLOOR-STANDING PUMPING STATION

NEW VERSION



Remote control box (2 m cable)



Optional wired audible and visual alarm unit (5 m cable)

## ADVANTAGES

- Easy installation
- Two inlets on either side
- Exterior diameters of inlets 40/50/80
- Easy to use, 2 pumps for safe operation
- Easy maintenance
- Remote control box with forced operation and alarm
- Optional wired alarm unit
- Liquid level alarm

## GREY WATER

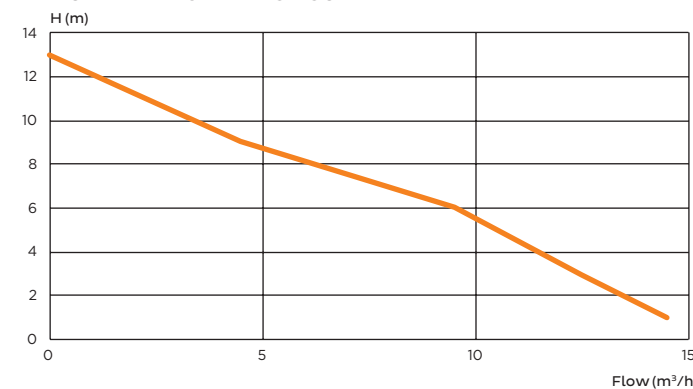
Launderettes, hair salons, restaurant & bar kitchens

13 m

## APPLICATIONS

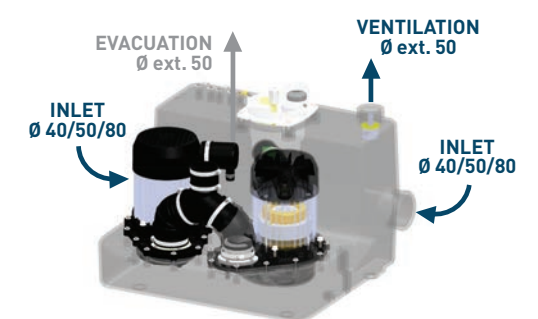
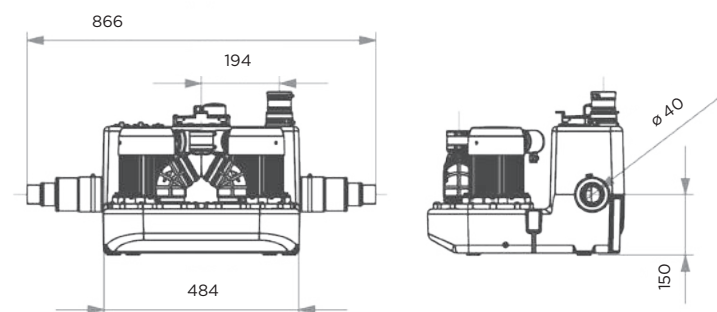
- Restaurant kitchens, sports clubs...
- Commercial areas without toilets

## PUMP PERFORMANCE CURVE



## FEATURES

- High density polyethylene tank
- Maximum temperature up to 90°
- Solid handling capacity: 8 mm
- Discharge pipe diameter (Ø ext. 50 mm)
- Alternating pump operation
- ON/OFF level 145/70 mm

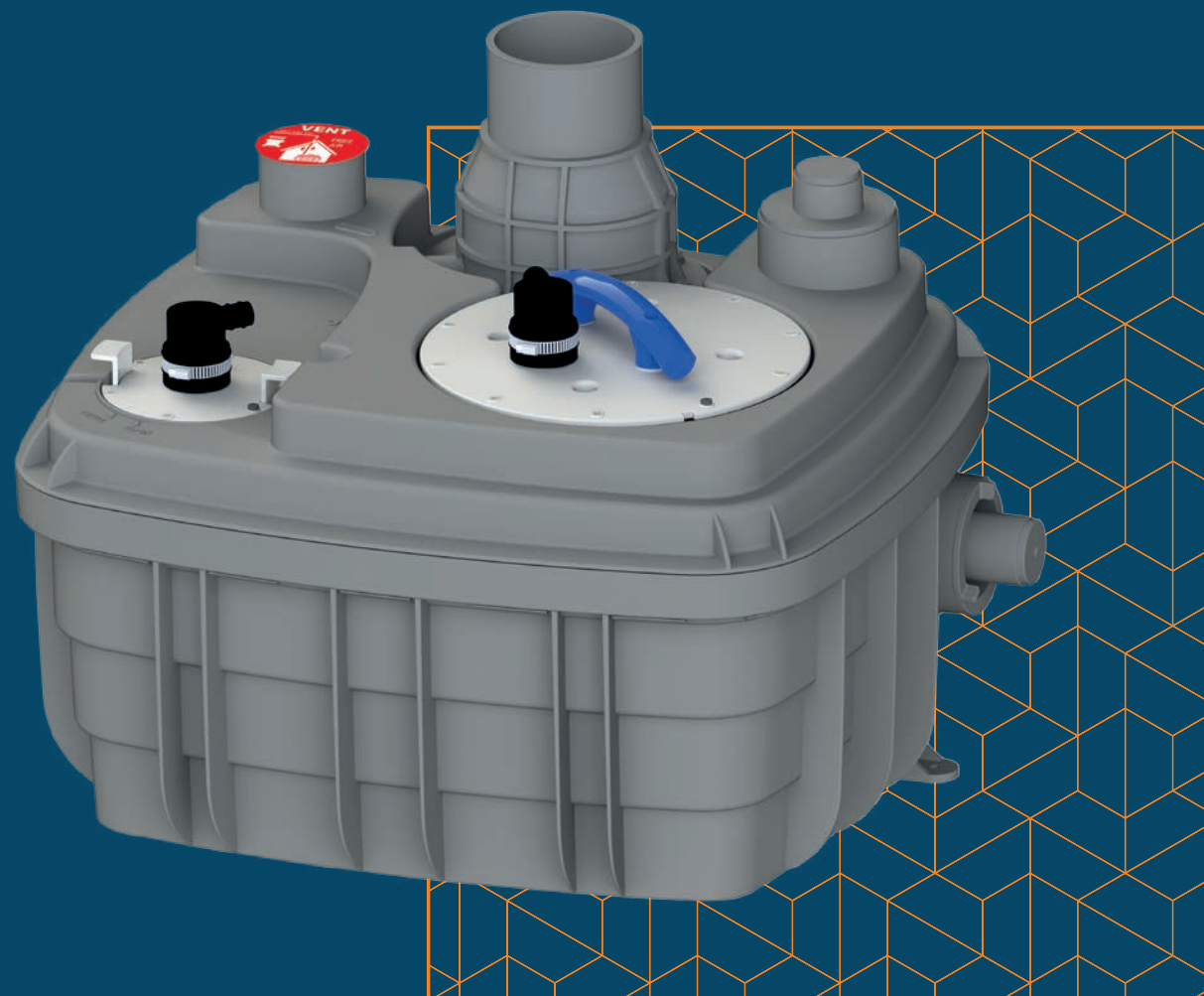


REFERENCE	EAN	FACTORY CODE	TANK (L)	U (V)	P (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	ALARM
SANICOM 22020	3 308 815 082 868	COM2002	34.5	230	2 x 1,500	50-60	13	2,800	IP 44	16	13	26	Remote	Option



# SANICUBIC® 1 VX

FLOOR-STANDING PUMPING STATION



**WASTEWATER**  
Shops, restaurants,  
detached homes

13 m  
↑



Remote control box (4 m cable)



Optional wired audible and visual alarm unit (5 m cable)

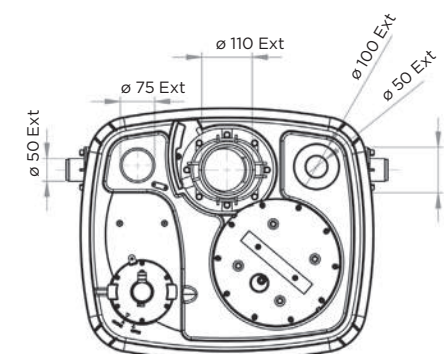
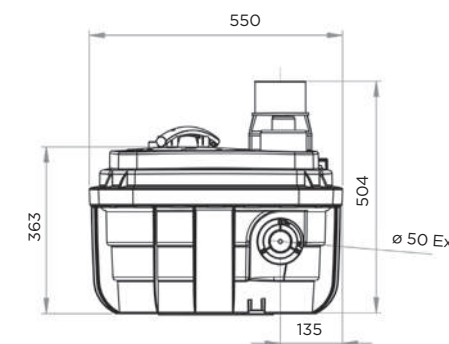
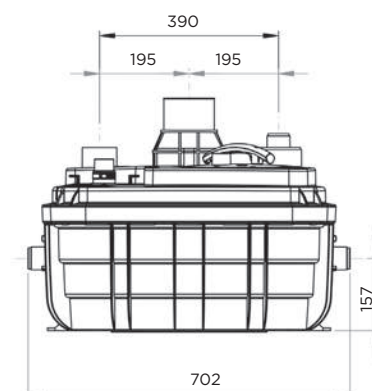


VORTEX WHEEL  
KX V6

REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P (W)
SANICUBIC 1VX S	3 308 815 077 611	CUBIC1XLVX	Vortex	60	20	230	2,000

## SANICUBIC® 1 VX

FLOOR-STANDING PUMPING STATION



### ADVANTAGES

- High performance: 1 single-phase vortex pump
- Wired remote control and external alarm unit
- Direct and secure access to the pump
- Accessories: stop valves and activated carbon filter (see p. 30)

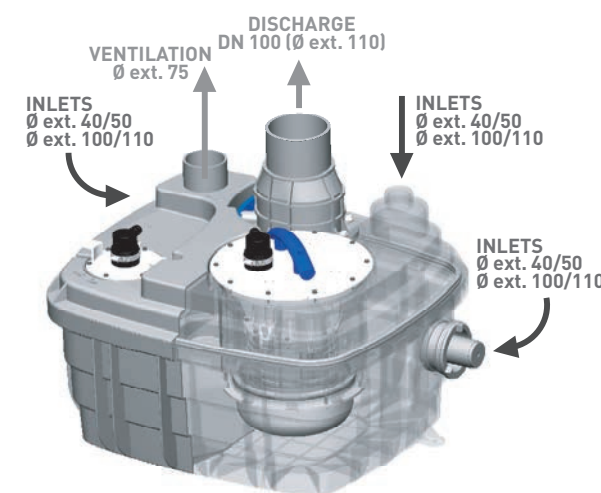
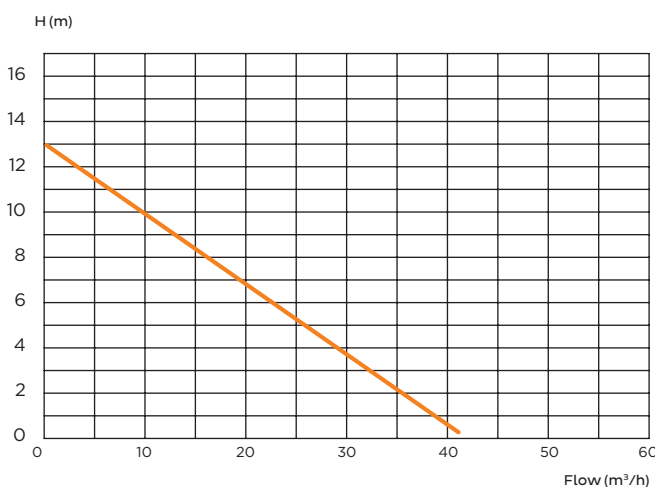
### APPLICATIONS

- Wastewater collection from shops and detached homes
- Suitable for installation inside buildings
- Suitable for establishments open to the public

### FEATURES

- Fibreglass reinforced polypropylene tank
- Max. temperature of incoming wastewater: 70° C intermittently (max. 5 min)
- ON/OFF level: 165/65 mm
- Liquid level alarm : 230 mm
- Remote control box (4 m cable)
- Optional wired audible and visual alarm unit (5 m cable)

### PUMP PERFORMANCE CURVE

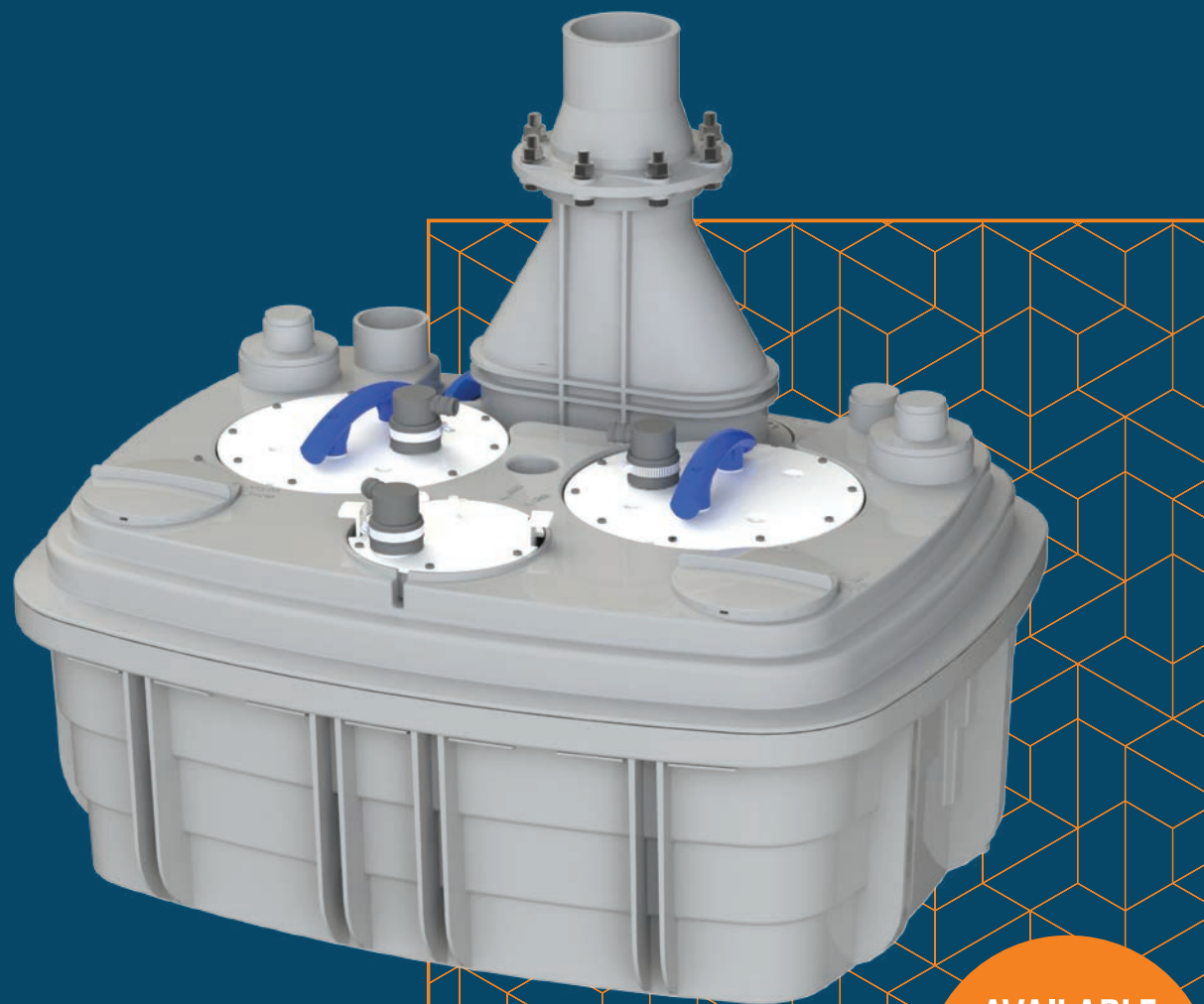


FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	ENCLOSURE IP	ALARM
50-60	8	2,800	IP 68	40	13	30	Remote	IP X4	External, wired



# SANICUBIC® 2VX

FLOOR-STANDING PUMPING STATION



**WASTEWATER**  
Shops, public toilets

16 m  
↑

AVAILABLE  
IN THREE-  
PHASE



Smart interactive control unit (see p. 31)



Remote control box (4 m cable)



Optional wired audible and visual alarm unit (5 m cable)

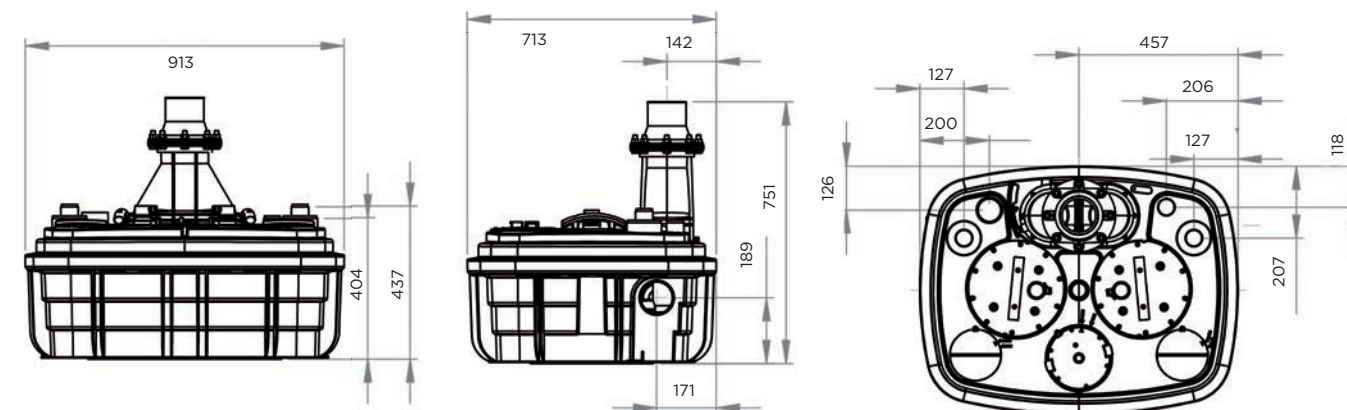


**VORTEX WHEEL**  
KX V6

REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P (W)
SANICUBIC 2 VX S	3 308 815 063 140	CUBIC2XLVX	Vortex	120	26	230	2 x 2,000
SANICUBIC 2 VX S SMART	3 308 815 076 171	CUBIC2XLVXSMART				400	2 x 3,500
SANICUBIC 2 VX T	3 308 815 074 689	CUBIC2XLVXTRI					
SANICUBIC 2 VX T SMART	3 308 815 076 188	CUBIC2XLVXTRISMA					

## SANICUBIC® 2VX

FLOOR-STANDING PUMPING STATION



### ADVANTAGES

- High performance: 2 single-phase or three-phase vortex pumps
- Available with optional SMART system: station monitoring with remote alarm unit
- Direct and secure access to the pumps
- Accessories: stop valves and activated carbon filter (see p. 31)

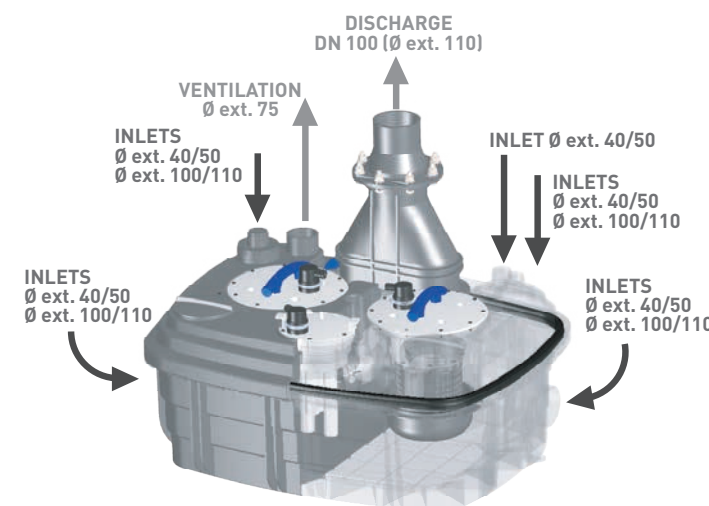
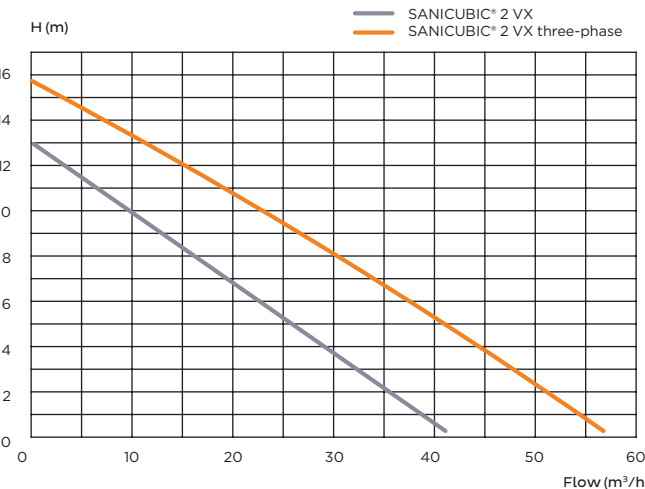
### APPLICATIONS

- Collection of wastewater from shops, residential areas or apartments
- Suitable for installation inside buildings
- Suitable for establishments open to the public

### FEATURES

- Fibreglass reinforced polypropylene tank
- Max. temperature of incoming wastewater: 70°C intermittently (max. 5 min)
- ON/OFF level: 166/100 mm
- Liquid level alarm : 240 mm
- Discharge pipe diameter: Ø ext 90 or 110
- Remote control box (4 m cable)
- Optional wired audible and visual alarm unit (5 m cable)
- 5 Inlets

### PUMP PERFORMANCE CURVE



FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	CABINET IP	ALARM
50-60	16	2,800	IP 68	40	13	59	Traditional	IP X4	External, wired
	12			55	16	60	Smart		
							Traditional		
							Smart		

# SANICUBIC<sup>®</sup> 1 SANICUBIC<sup>®</sup> 1 WP

FLOOR-STANDING PUMPING STATION



Model presented SANICUBIC 1 WP

## WASTEWATER

Detached homes, collective sanitation

13 m  
↑



Optional wired audible and visual alarm unit (5 m cable)

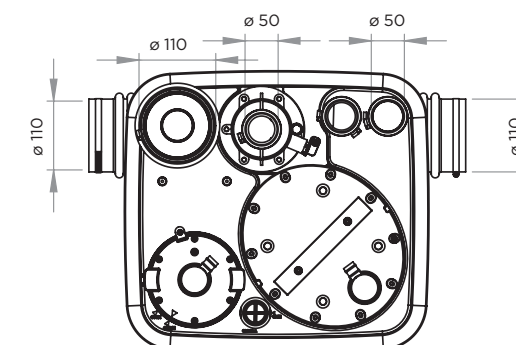
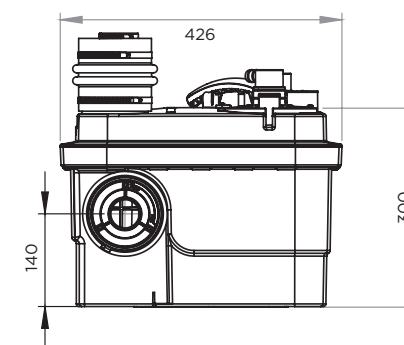
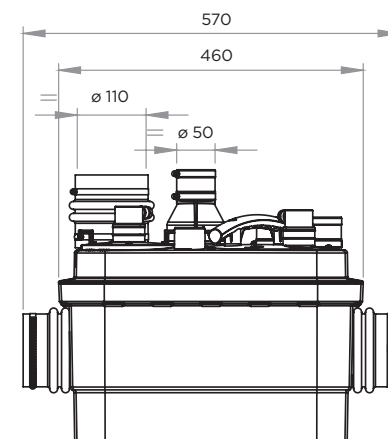


Remote control box (4 m cable) (WP version)



GRINDER WHEEL  
PRO X K2

REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P (W)
SANICUBIC 1 GR S	3 308 815 074 429	CUBIC1NM	Grinder	32	10	230	1,500
SANICUBIC 1 GR S WP	3 308 815 074 436	CUBIC1IP68NM					



## ADVANTAGES

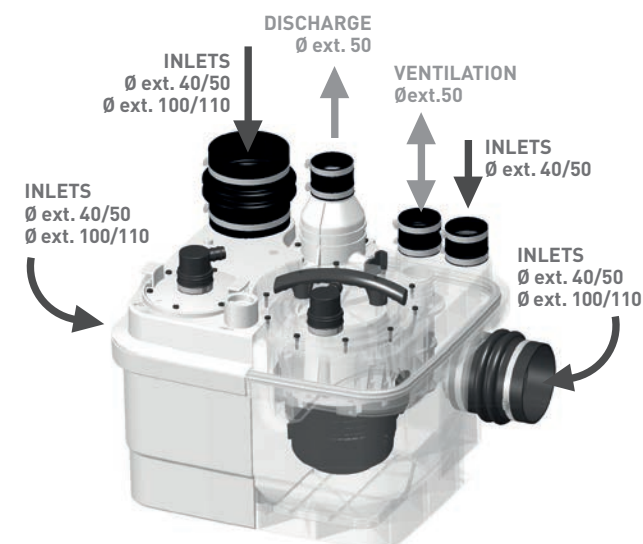
- High performance operation, SFA grinder system
- Safe operation, audible and visual alarm unit
- Easy installation and maintenance, direct and secure access to the motor and to level sensors
- IP68 rated sealing and remote control (WP Version)

## APPLICATIONS

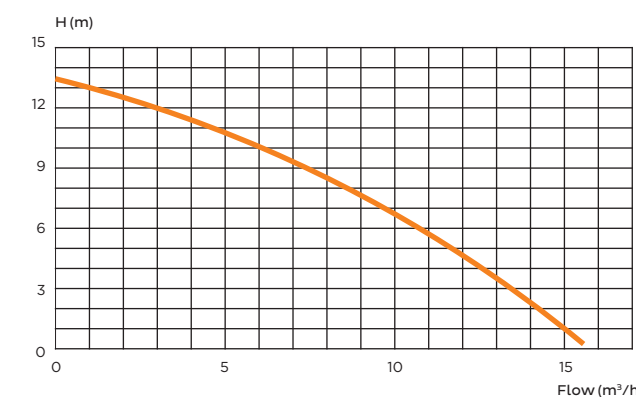
- Detached homes
- Collective sanitation
- Restaurant and bar kitchens

## FEATURES

- Fibreglass reinforced polypropylene tank
- Max. temperature of incoming wastewater: 70° C intermittently (max. 5 min)
- Discharge pipe diameter: DN 40 (ext. 50 mm)
- ON/OFF level: 140/80 mm
- Liquid level alarm: 210 mm
- Remote wired audible and visual alarm unit (5 m cable)
- SANICUBIC® 1 WP: remote control box



## PUMP PERFORMANCE CURVE



FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	CABINET IP	ALARM
50-60	6	2,800	IP 67	15	13	21	-	-	External wired
			IP 68			23	Remote	IP X4	



# SANICUBIC® 2 CLASSIC

# SANICUBIC® 2 PRO

FLOOR-STANDING PUMPING STATION



**WASTEWATER**  
Small buildings or shops

13 m  
↑



Smart interactive control unit (see p. 31) (version 2 Pro)



Optional wired audible and visual alarm unit (5 m cable)



Remote control box (4 m cable)



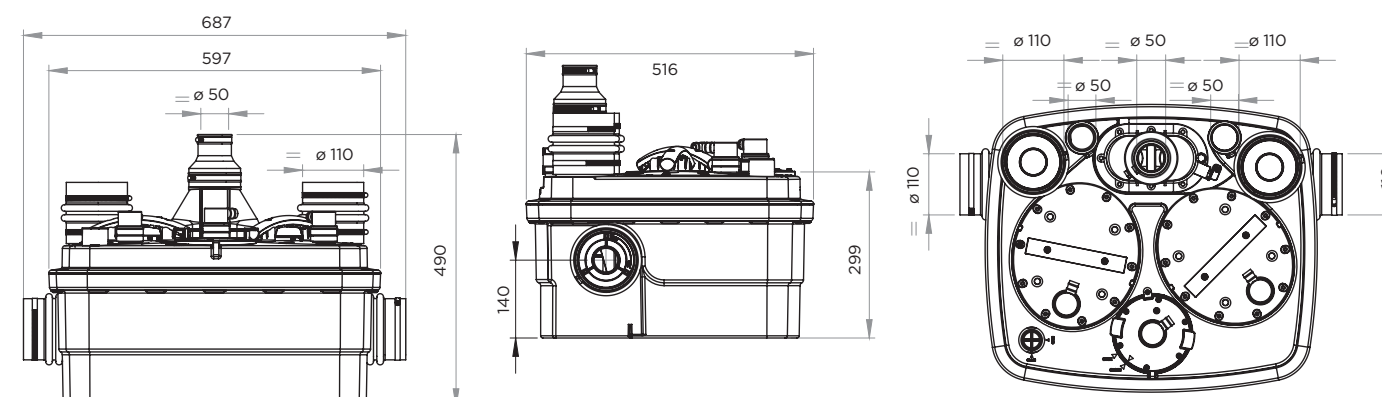
GRINDER WHEEL  
PRO X K2

REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P (W)
SANICUBIC 2 GR S CLASSIC	3 308 815 074 443	R4LCIP68NM	Grinder	45	17.5	230	2 x 1,500
SANICUBIC 2 GR S PRO	3 308 815 074 450	R4STDIP68NM					
SANICUBIC 2 GRS 5 PRO SMART	3 308 815 075 457	R4STDIP68NMSMART					

## SANICUBIC® 2 CLASSIC

## SANICUBIC® 2 PRO

FLOOR-STANDING PUMPING STATION



### ADVANTAGES

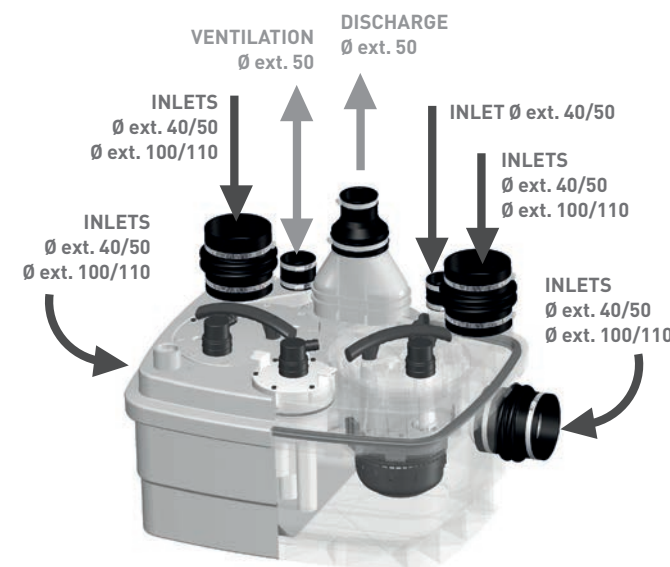
- High performance operation: SFA grinder system
- Alternating operation of the 2 motors
- Easy installation and maintenance, direct and secure access to the motor and level sensors

### APPLICATIONS

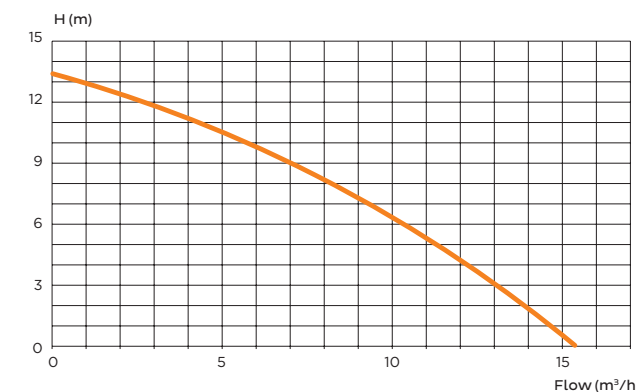
- Small buildings
- Shops
- Restaurant kitchens

### FEATURES

- Fibreglass reinforced polypropylene tank
- Max. temperature of incoming wastewater: 70° C intermittently (max. 5 min)
- Discharge pipe diameter: DN 80/100 (Ø ext. 110)
- ON/OFF level: 140/60 mm
- Liquid level alarm: 210 mm
- Remote control unit (4 m cable)
- SANICUBIC® 2 Classic: remote wired audible and visual alarm box (5 m f cable)
- SANICUBIC 2® Pro: Wireless remote control unit (HF)



### PUMP PERFORMANCE CURVE



FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	CABINET IP	ALARM
50-60	13	2,800	IP 68	15	13	35.5	Remote	IP X4	External wired
						33			External wireless
							Smart	IP 54	External wired

# SANICUBIC® 1 GR

FLOOR-STANDING PUMPING STATION



**WASTEWATER**  
Detached homes, shops and stores

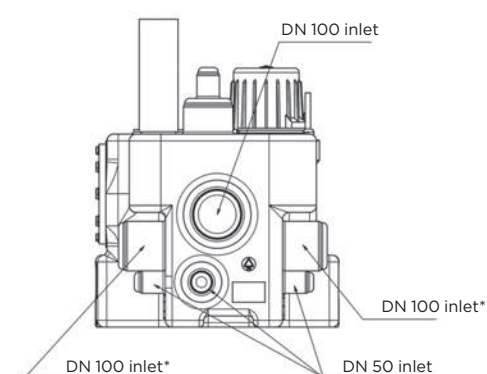
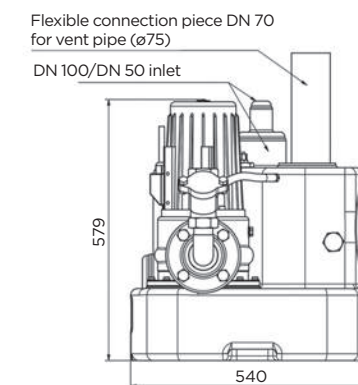
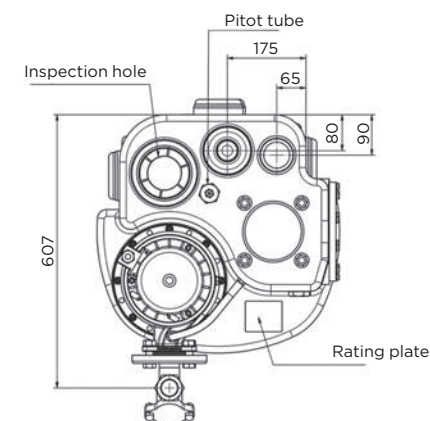
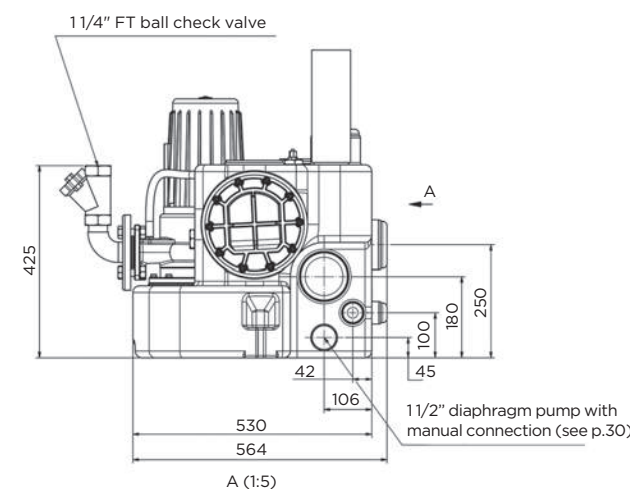
39 m  
↑



REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P1 (W)	P2 (W)
SANICUBIC 1 GR SE71.1 S	3 308 815 079 110	CUBIC1GRSE71.1S	Grinder	55	45	230	2,200	1,700
SANICUBIC 1 GR SE71.1 T	3 308 815 079 127	CUBIC1GRSE71.1T					2,100	
SANICUBIC 1 GR SE71.2 T	3 308 815 079 134	CUBIC1GRSE71.2T				400	3,900	3,200
SANICUBIC 1 GR SE71.3 T	3 308 815 079 141	CUBIC1GRSE71.3T						
SANICUBIC 1 GR SE71.4 T	3 308 815 079 158	CUBIC1GRSE71.4T						

## SANICUBIC® 1 GR

FLOOR-STANDING PUMPING STATION



\* This inlet must be positioned at a height of 250 mm above ground level directly after the pumping station.

### ADVANTAGES

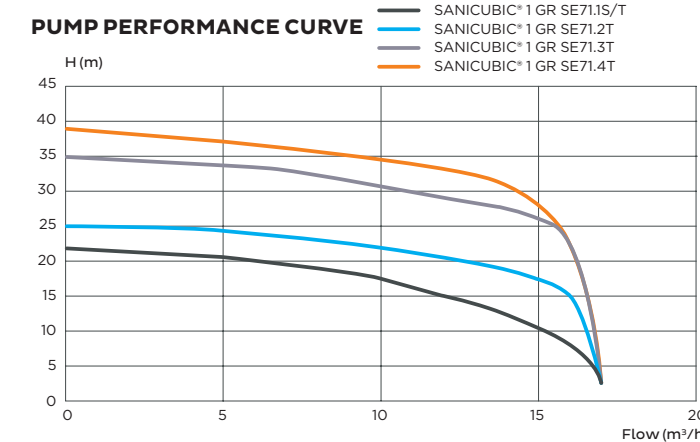
- Compact size
- High performance: 1 grinder pump - single-phase or three-phase
- Pre-assembled with connection & check valve included
- High pumping height

### FEATURES

- Polyethylene tank with a capacity of 55 litres and up to 45 litres of useful volume
- DN 50 pressure outlet flange fitted with a flanged connection elbow and 1" 1/4 F ball check valve
- Max operating temperature: 55°C
- Operating mode S3 - 25%
- Double mechanical seal with intermediate oil chamber
- 3 DN50 side inlets
- 3 DN100 side inlets
- 1 DN50/100 vertical inlet

### APPLICATIONS

- Pumping of wastewater from apartments or detached homes
- Small collectives, shops, collective sanitation

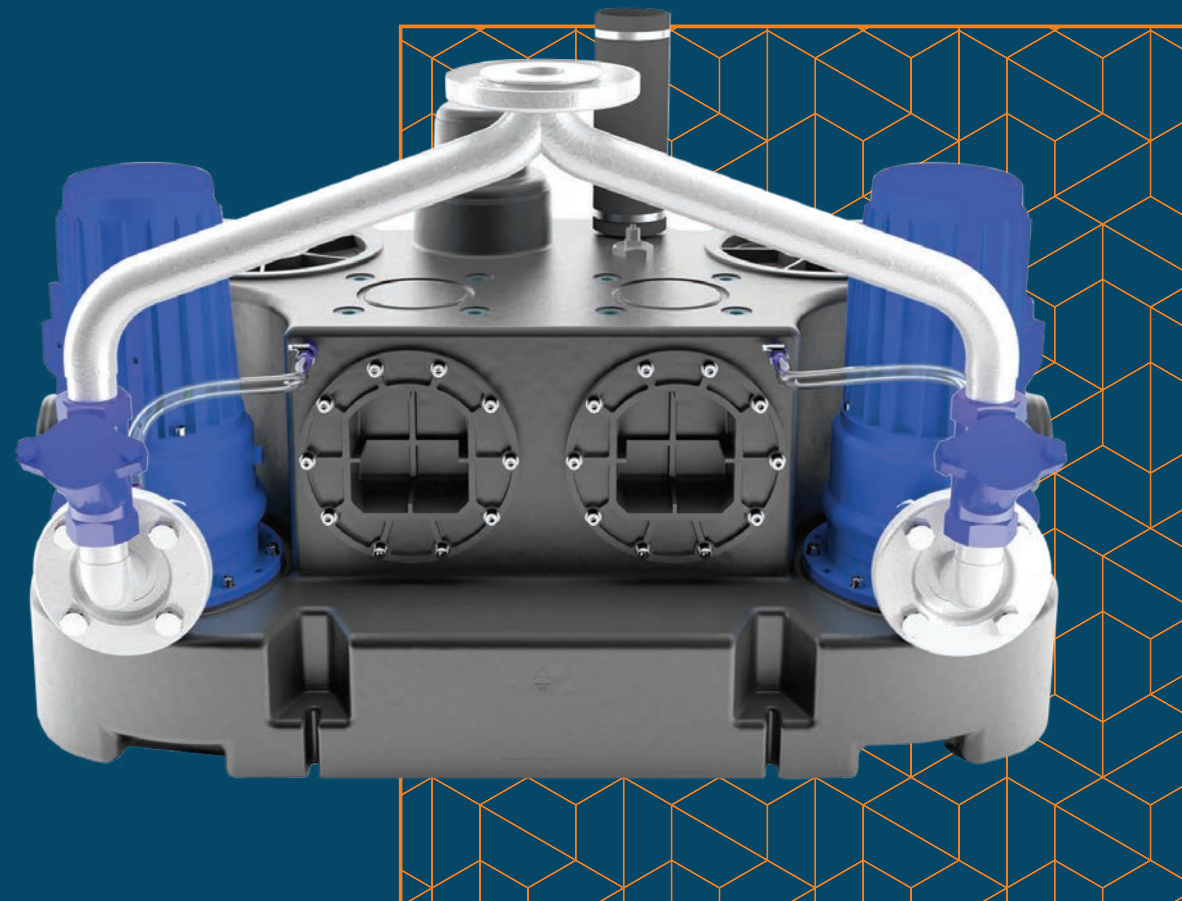


FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	CABINET IP	ALARM			
50-60	10.5	2,800	IP 68	17	22	68	Remote ZPS1	IP65	External wired			
	3.7					64						
	3.7				25	68						
	6.5				35							
	6.5				39							



# SANICUBIC® 2GR

FLOOR-STANDING PUMPING STATION



## WASTEWATER

Establishments open to the public, buildings

39 m  
↑

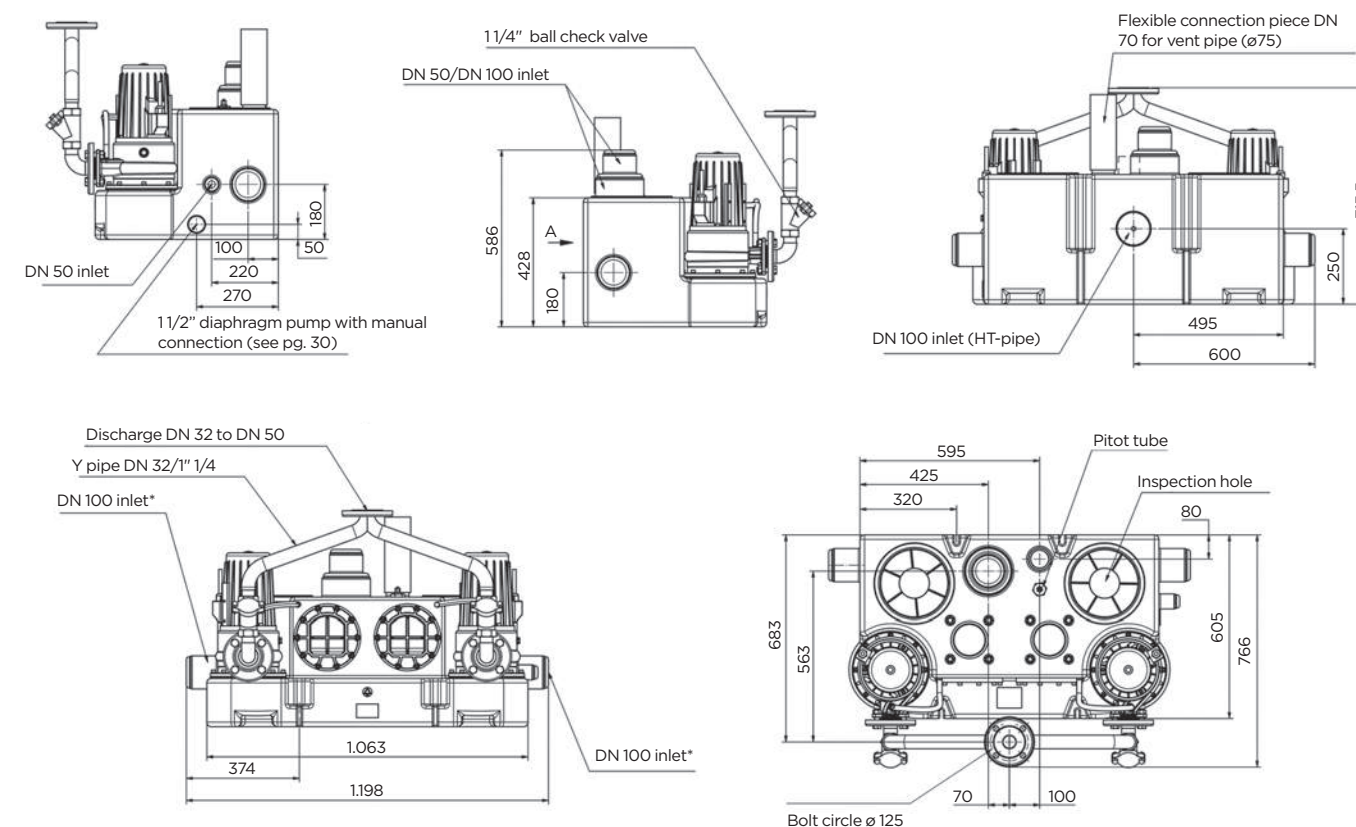


Remote control box included

REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P1 (W)	P2 (W)
SANICUBIC 2 GR SE71.1T	3 308 815 079 165	CUBIC2GRSE71.1T	Grinder	150	80	400	2 x 2,100	2 x 1,700
SANICUBIC 2 GR SE71.2 T	3 308 815 079 172	CUBIC2GRSE71.2T					2 x 3,900	
SANICUBIC 2 GR SE71.3 T	3 308 815 079 189	CUBIC2GRSE71.3T						
SANICUBIC 2 GR SE71.4 T	3 308 815 079 196	CUBIC2GRSE71.4T						

# SANICUBIC® 2GR

FLOOR-STANDING PUMPING STATION



## ADVANTAGES

- Compact size
- High performance: 2 three-phase grinder pumps
- Pre-assembled
- Anti-return valve & outlet flange included
- Comfort control unit included on delivery

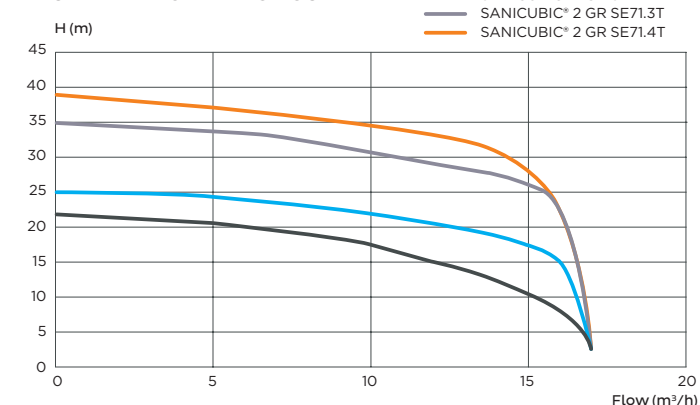
## FEATURES

- Polyethylene tank with a capacity of 150 litres and up to 80 litres of useful volume
- DN 50 pressure outlet flange fitted with a flanged connection elbow and 1" 1/4 F ball check valve
- Max operating temperature: 55°C
- Operating mode S3 - 40%
- Double mechanical seal with intermediate oil chamber
- 1 DN50 side inlet
- 3 DN100 side inlets
- 1 DN50/100 vertical inlet

## APPLICATIONS

- Pumping of domestic wastewater from detached homes and apartments at very high pumping heights
- Suitable for establishments open to the public: train station, museum, cinema, sports halls

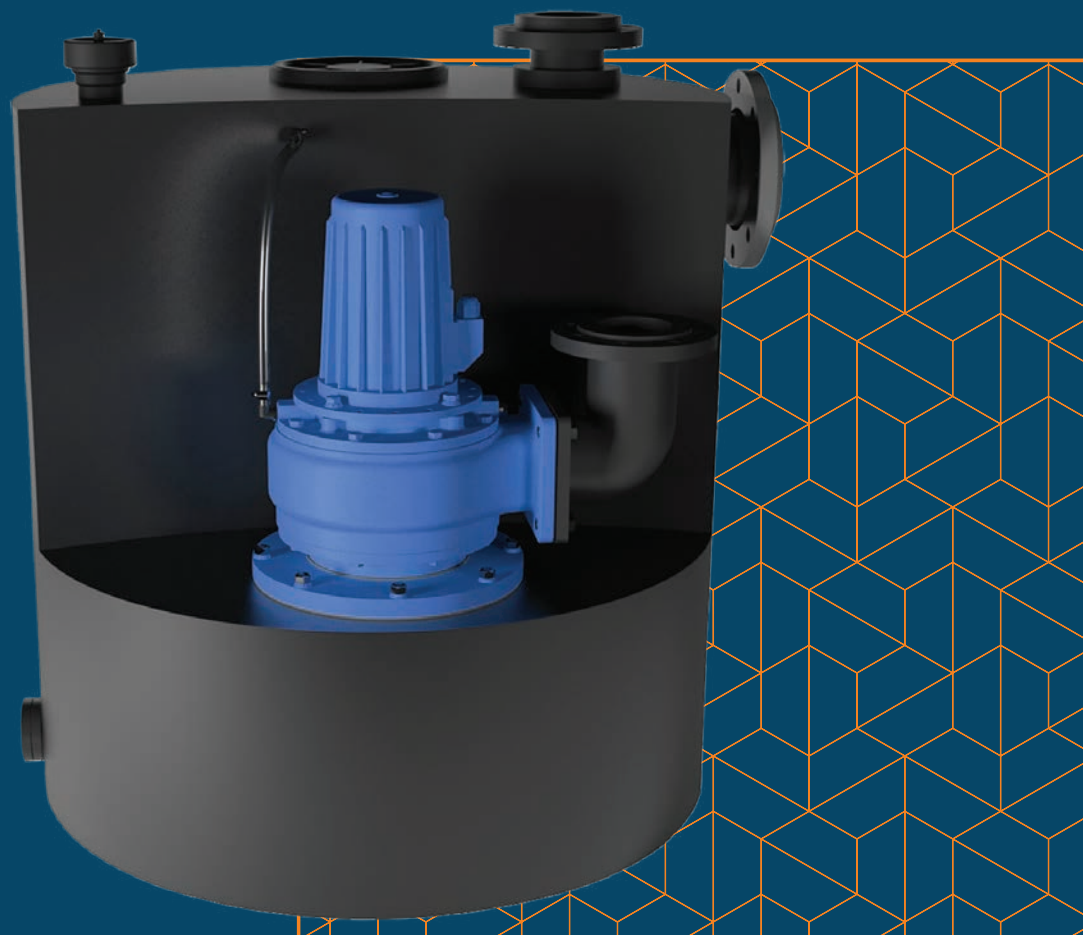
## PUMP PERFORMANCE CURVE



FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	CABINET IP	ALARM
50-60	2 x 3.7	2,800	IP 68	17	22	137	Remote ZPS2	IP 65	External, wired
	2 x 3.7				25	137			
	2 x 6.5				35	144			
	2 x 6.5				39	144			

# SANICUBIC® 1 SC

FLOOR-STANDING PUMPING STATION



## WASTEWATER

Buildings, shopping centres, hospitals, stations

22 m  
↑

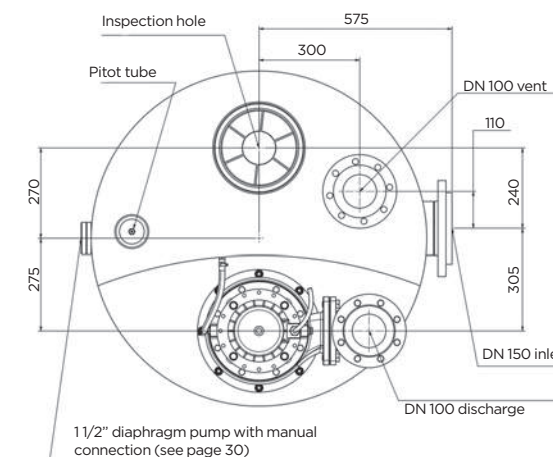
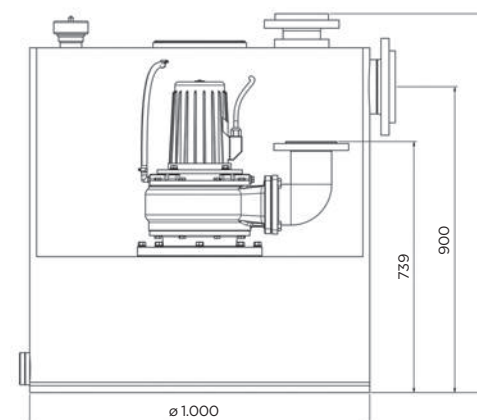


Remote control box included

REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P1 (W)	P2 (W)
SANICUBIC 1 SC3.0 T	3 308 815 079 035	CUBIC1SC3.0T	Single channel	480	270	400	4,000	3,000
SANICUBIC 1 SC4.0 T	3 308 815 079 042	CUBIC1SC4.0T					5,500	4,000
SANICUBIC 1 SC5.5 T	3 308 815 079 059	CUBIC1SC5.5T					6,300	5,500
SANICUBIC 1 SC7.5 T	3 308 815 079 066	CUBIC1SC7.5T					8,700	7,500

# SANICUBIC® 1 SC

FLOOR-STANDING PUMPING STATION



## ADVANTAGES

- High performance: 1 three-phase pump with single-channel wheel
- Free passage of 80 mm (versions 3.0 & 4.0 kW) or 100 mm (versions 5.5 & 7.5 kW)
- Control box included

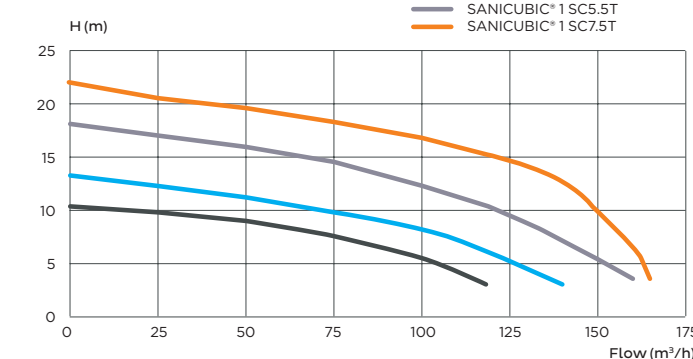
## FEATURES

- Polyethylene tank
  - Pump body fitted with a DN 100 elbow
  - DN 150 side inlet
  - Additional 1 1/2 inch connection for manual diaphragm pump (see p. 30)
  - Star-delta activation for 7.5 kW unit (specific control box included)
  - Max operating temperature: 55°C
  - Operating mode S3 - 25%
  - Mounting accessories (valves...)
- (see p. 30)

## APPLICATIONS

- Wastewater drainage from apartment blocks, offices, shops, hotels, hospitals...

## PUMP PERFORMANCE CURVE



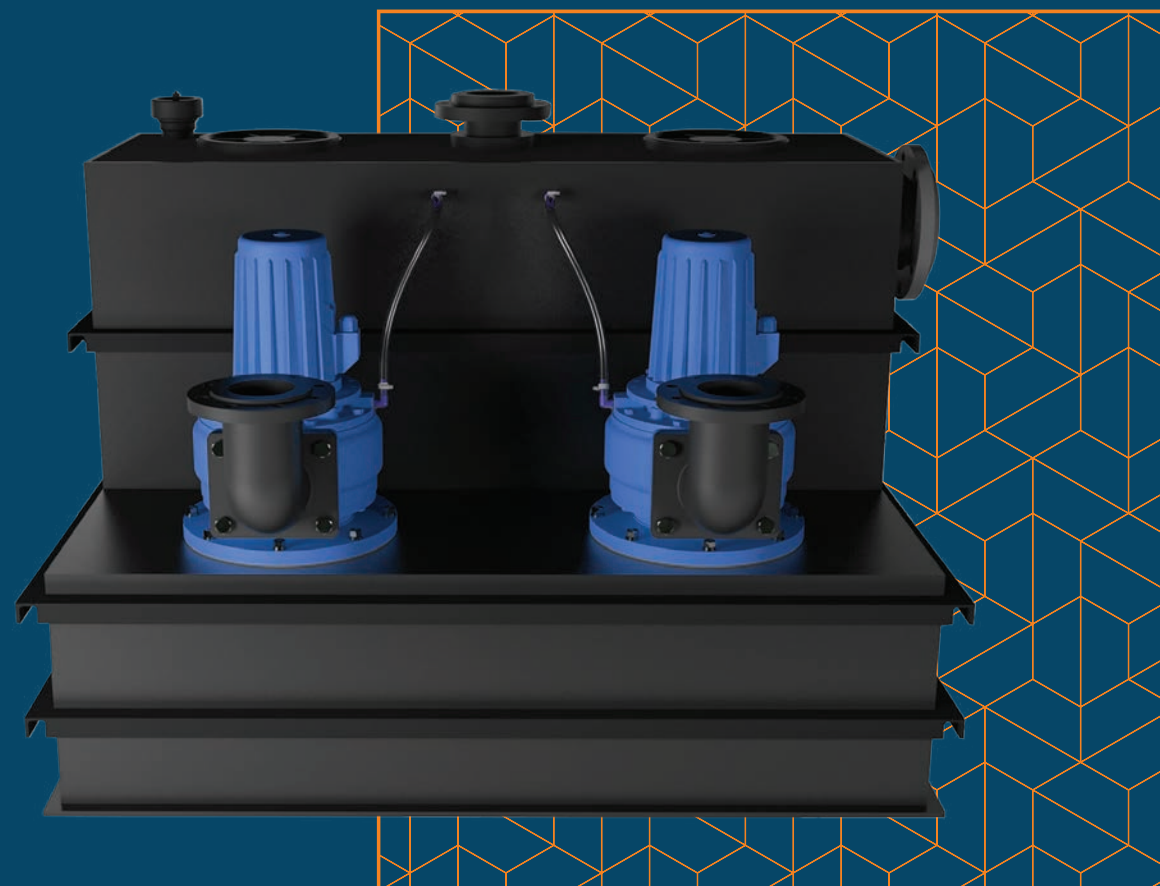
FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	CABINET IP	ALARM
50-60	6.9	1,400	IP 57	120	10	210	Remote ZPS1*	IP 65	External, wired
	11.2			140	13	220			
	12.1			160	18	225			
	16.9			165	22	240		IP 54	

\* Star delta activation for the 7,5kW unit



# SANICUBIC® 2SC

FLOOR-STANDING PUMPING STATION



## WASTEWATER

Buildings, shopping centres, hospitals, stations

22 m  
↑

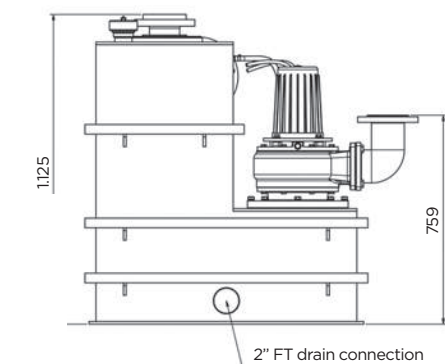
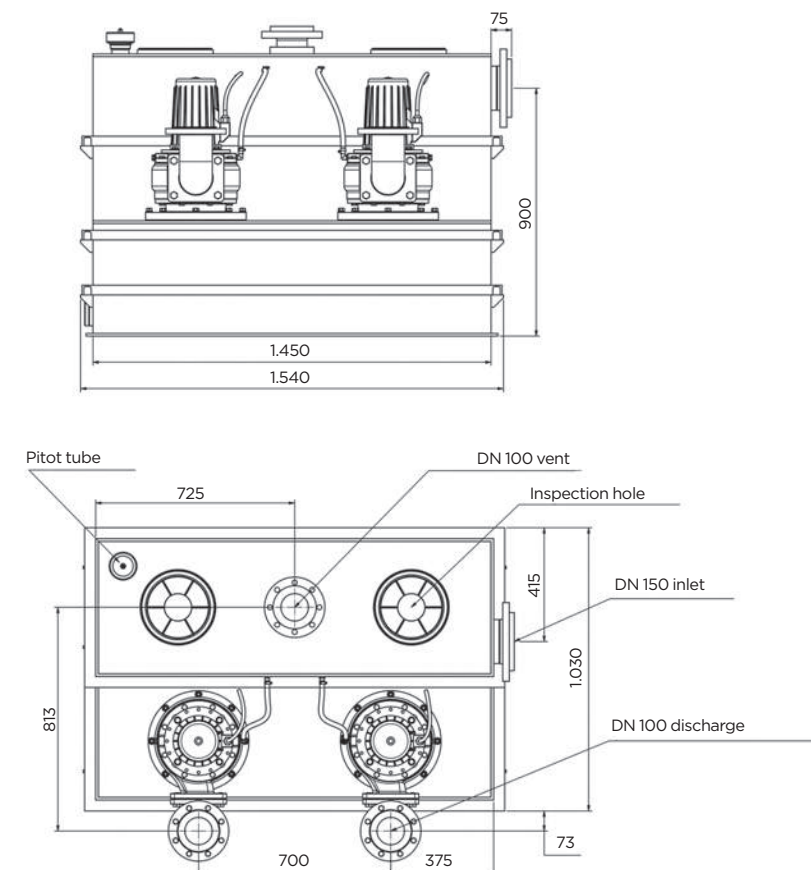


Remote control box included

REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P1 (W)	P2 (W)
SANICUBIC 2 SC3.0 T	3 308 815 079 073	CUBIC2SC3.0T	Single channel	1,000	500	400	2 x 4,000	3,000
SANICUBIC 2 SC4.0 T	3 308 815 079 080	CUBIC2SC4.0T					2 x 5,500	4,000
SANICUBIC 2 SC5.5 T	3 308 818 079 097	CUBIC2SC5.5T					2 x 6,300	5,500
SANICUBIC 2 SC7.5 T	3 308 815 079 103	CUBIC2SC7.5T					2 x 8,700	7,500

# SANICUBIC® 2SC

FLOOR-STANDING PUMPING STATION



## ADVANTAGES

- High performance: 2 three-phase pumps with single-channel wheel
- Large tank volume and large useful volume
- Free passage of 80 mm (versions 3.0 & 4.0 kW) or 100 mm (versions 5.5 & 7.5 kW)
- Control box included
- Tailormade modular dimensions up to 20,000 litres and on-site assembly

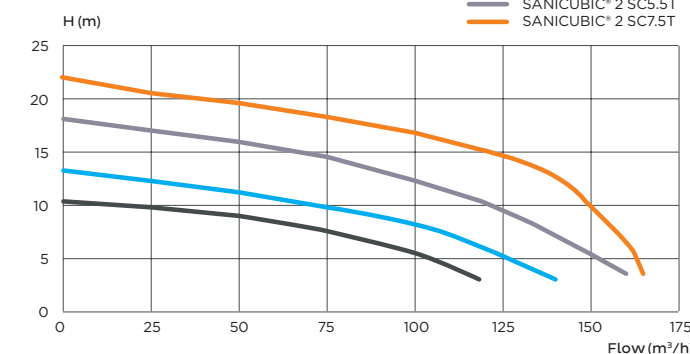
## FEATURES

- Polyethylene tank
- Pump housing fitted with a DN 100 flanged outlet elbow
- Side inlet fitted with a DN 150 detached type flange
- Additional 1 1/2" connection for manual diaphragm pump
- Star-delta activation for 7.5 kW unit
- Max operating temperature: 55°C
- Operating mode S3 - 40%
- Accessories for assembly (valves...) (see p. 30)

## APPLICATIONS

- Wastewater drainage from buildings or businesses, hospitals, schools, etc.
- For continuous drainage needs

## PUMP PERFORMANCE CURVE



FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	CABINET IP	ALARM	
50-60	2 x 6.9	1,400	IP 57	120	10	370	Remote ZPS2*	IP 65	External wired	
	2 x 11.2			140	13	385				
	2 x 12.1			160	18	400		IP54		
	2 x 16.9			165	22	425				

\*Star Delta activation for the 7,5kW unit

# ACCESSORIES

Description	EAN	Factory Code
GUILLOTINE DN50 SHUT-OFF VALVE	3 308 815 061 030	DN50
GUILLOTINE DN100 SHUT-OFF VALVE	3 308 815 061 023	DN100 VALVE
DN100 BALL CHECK VALVE	3 308 815 066 820	DN100XL
GATE VALVE DN 50 cast iron	3 308 815 082 264	HYDRO-00029
GATE VALVE DN 100 cast iron	3 308 815 082 165	HYDRO-00019
GATE VALVE DN 125 cast iron	3 308 815 082 172	HYDRO-00020
GATE VALVE DN 150 cast iron	3 308 815 082 189	HYDRO-00021
CUBIC SFA CARBON FILTER	3 308 815 076 867	FILTRECUBICSFA
CUBIC SFA CARBON FILTER	3 308 815 076 874	FILTRECUBICXLSFA
BALL CHECK VALVE DN100 cast iron	3 308 815 082 196	HYDRO-00022
CHECK VALVE DN 50 cast iron	3 308 815 082 257	HYDRO-00028
DN 125/100 REDUCTION PE flange	3 308 815 082 202	HYDRO-00023



GUILLOTINE DN50  
STOP VALVE



GUILLOTINE DN100  
STOP VALVE



DN100 BALL  
CHECK VALVE



GATE VALVE DN  
50 cast iron



GATEVALVE DN  
100 cast iron

Description	EAN	Factory Code
DN 150/100 REDUCTION PE flange	3 308 815 082 219	HYDRO-00024
Y PIPE CONNECTION DN100/100/100 PE FOR SANICUBIC 2 SC	3 308 815 082 226	HYDRO-00025
1" HOSE CONNECTION 1/4" VA FOR SANICUBIC 2 GRSE 71	3 308815 082 233	HYDRO-00026
1 1/2" MANUAL MEMBRANE PUMP	3 308815 082 240	HYDRO-00027
ASSEMBLY ACCESSORIES DN 80 VA (stainless steel)	3 308815 082 318	HYDRO-00034
ASSEMBLY ACCESSORIES DN 80 VZ (galvanized steel)	3 308815 082 325	HYDRO-00035
ASSEMBLY ACCESSORIES DN 100 VA (stainless steel)	3 308815 082 332	HYDRO-00036
ASSEMBLY ACCESSORIES DN 100 VZ (galvanized steel)	3 308815 082 349	HYDRO-00037
ASSEMBLY ACCESSORIES DN 125 VA (stainless steel)	3 308815 082 356	HYDRO-00038
ASSEMBLY ACCESSORIES DN 125 VZ (galvanized steel)	3 308815 082 363	HYDRO-00039
ASSEMBLY ACCESSORIES DN 150 VA (stainless steel)	3 308815 082 370	HYDRO-00040
ASSEMBLY ACCESSORIES DN 150 VZ (galvanized steel)	3 308 815 082 387	HYDRO-00041



BALL CHECK VALVE  
DN100 cast iron



CHECK VALVE DN 50  
cast iron



1 1/2"



CUBIC/CUBIC XL SFA  
CARBON FILTER



# FUNCTIONS OF THE GREASE TRAPS AND SEPARATORS

Restaurants produce wastewater full of fatty and oily matter, of animal or vegetable origin.

These cause large deposits in pipes which hinder the proper functioning of water drainage networks and treatment plants.

Installing a grease separator ensures that macro-waste and greases are retained at source and prevents 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 through which this water will pass prior to reaching the natural environment". Sanitation and the departmental health regulations must stipulate the rules for management of fatty waste, notably the installation of a pre-treatment system. We also see that an increasing number of cities are addressing this in their municipal by-laws.

For sizing grease trap method calculation according NF EN 1825-2 :  $NS = Nb \text{ meals} \times V \text{ meals} \times fd \times ft \times fr \times fq$   
(3600 x time function per day)

## SELECTION TABLE FOR GREASE SEPARATORS WITH SLUDGE TRAP

Restaurant Number of meals			Hospital	Professional kitchen establishment	Canteen (without preparation)	Drainage column		NS
1 Service	2 Services	Hotel Restaurant	Number of meals/day			Without	With	
≤ 104	≤ 209	≤ 177	≤ 295	≤ 201	≤ 443	SANIGREASE S 680	SANIGREASE S 680C	2
≤ 209	≤ 417	≤ 354	≤ 591	≤ 403	≤ 886	SANIGREASE S 1600	SANIGREASE S 1600C	4

## SELECTION TABLE FOR GREASE TRAPS

Number of meals per service	Number of connected sinks	Grease traps	
		Polyethylene	Stainless steel
Food truck	1	SANIGREASE T24	
1 to 40	1		SANIGREASE T40
41 to 60	1 to 2		SANIGREASE T60
61 to 80	1 to 3		SANIGREASE T80
81 to 100	1 to 4		SANIGREASE T100

The production of grease separators is governed by various standards, in particular the French standard NF EN 1825-1, supplemented by NF P 16-500-1/ CN and NF EN 1825-2. Devices are also subject to CE marking methods as defined in Annex ZA. Since 1 July 2013 it is compulsory for each product to be accompanied by its D.O.P., which includes the CE marking.

## SANIGREASE® T24 GREASE TRAP



### ADVANTAGES

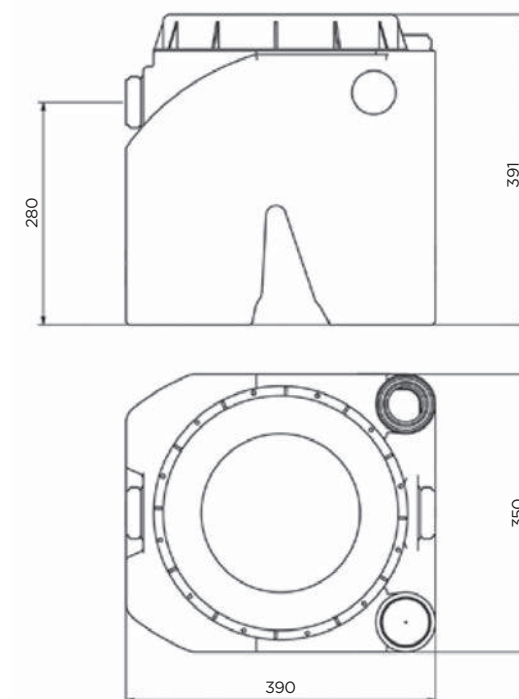
- Compact design: can be installed beneath a professional sink
- Mobile use
- Lightweight: only 4 kg

### APPLICATIONS

- Food truck
- Mobile dishwasher
- Occasional installations requiring a grease trap

### FEATURES

- Polyethylene grease trap for frost-proof installation of mobile devices
- Optional drain valve
- DN inlet and outlet DN50
- Total volume 24 l
- Max. fat volume 8 l



REFERENCE	EAN	FACTORY CODE
<b>SANIGREASE T 24</b>	<b>3 308 815 082 585</b>	<b>GREASET-005</b>
<b>SANIGREASE DRAINAGE TAP</b>	<b>3 308 815 082 646</b>	<b>TAP-DRAINAGE</b>



# SANIGREASE®

GREASE TRAPS

T 40  
T 60  
T 80  
T 100

WHAT'S NEW  
2020



## ADVANTAGES

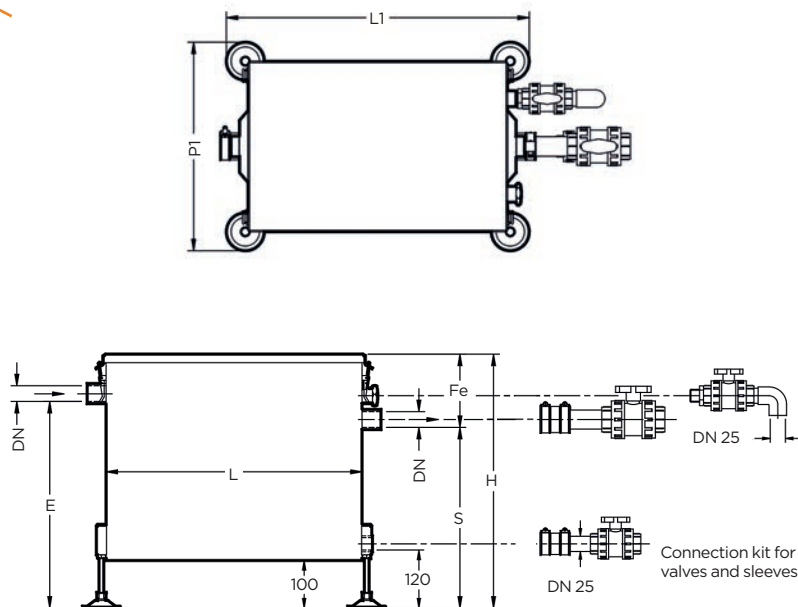
- Compact design: height 48.4 cm and length 48 cm
- Four booster feet for guaranteed hygiene
- Drainage valves allow for quick and easy maintenance

## APPLICATIONS

- Restaurant kitchen sinks

## FEATURES

- 304 L stainless steel tank
- Cover with seal
- Maintenance handle Removable
- basket for "peelings"
- Closes with latches
- Booster feet
- Connection sleeves
- Grease drainage valve DN25 Outlet i
- Isolation valve DN32 or 50 depending on the model
- Total drain valve DN25



REFERENCE	L	L1	PG.	P1	H	E	S	FE	DN	EFFECTIVE VOLUME	WEIGHT
SANIGREASE T 40	480	550	350	420	484	385	330	154	32	39	26
SANIGREASE T 60	540	610	350	420	534	435	380	154	32	53	29
SANIGREASE T 80	640	710	350	420	574	453	400	174	50	67	36
SANIGREASE T 100	730	800	350	420	594	473	420	174	50	82	40

Dimensions are in millimetres, weights in kilograms, volumes in litres.

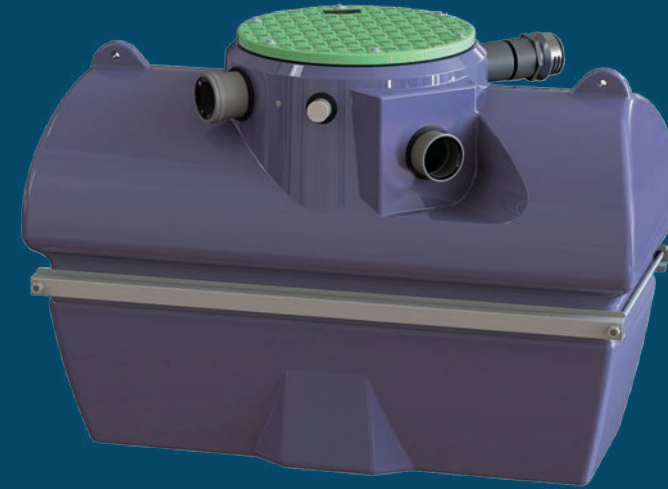
REFERENCE	EAN	FACTORY CODE
SANIGREASE T 40	3 308 815 082 547	GREASET-001
SANIGREASE T 60	3 308 815 082 554	GREASET-002
SANIGREASE T 80	3 308 815 082 561	GREASET-003
SANIGREASE T 100	3 308 815 082 578	GREASET-004



# SANIGREASE®

GREASE SEPARATORS

WHAT'S NEW  
2020



## ADVANTAGES

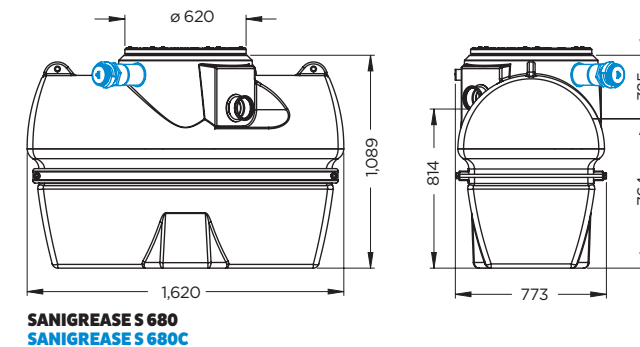
- Easy installation through an existing door: 77.3 cm wide
- Available with ventilation and drainage column
- Optional alarm

## APPLICATIONS

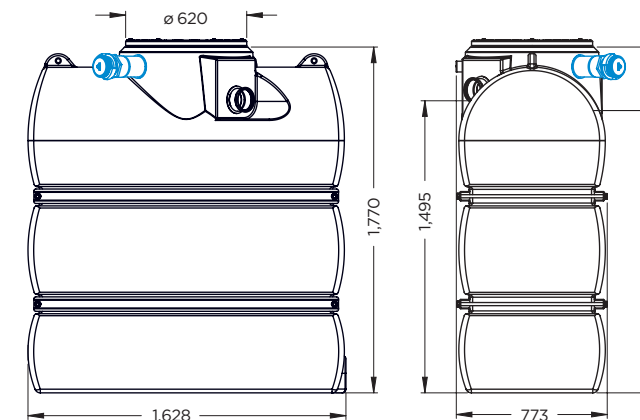
- Industrial kitchens

## FEATURES

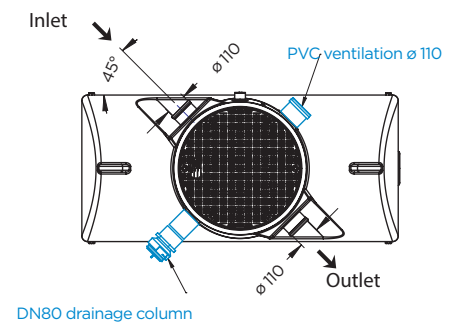
- Recyclable polyethylene tank made by rotational moulding
- PVC inlet and outlet device DN110
- Sludge trap for retaining heavy materials
- Cover on gasket, locked by screws



SANIGREASE S 680  
SANIGREASE S 680C



SANIGREASE S 1600  
SANIGREASE S 1600C



SANIGREASE S 1600  
SANIGREASE S 1600C  
SANIGREASE S 680  
SANIGREASE S 680C

REFERENCE	EAN	FACTORY CODE
SANIGREASE S 680	3 308 815 082 592	GREASES-001
SANIGREASE S 1600	3 308 815 082 608	GREASES-002
SANIGREASE S 680C	3 308 815 082 615	GREASES-003
SANIGREASE S 1600C	3 308 815 082 622	GREASES-004
GREASE ALARM 230V PROBE AND BOX	3 308 815 082 653	AG



# SANISUB<sup>®</sup>

## FROM **CLEAR WATER-** TO **WASTEWATER**



STAINLESS STEEL  
SUBMERSIBLE



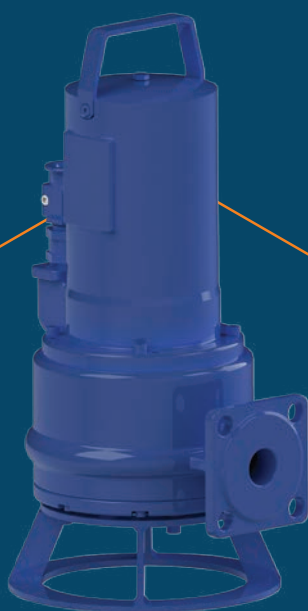
FOR A WELL



TO EMPTY A  
CELLAR



AUTOMATIC



CAST IRON GRINDER  
SOLUTION



FOR AGGRESSIVE  
WATER



CAST IRON TWO-  
CANAL WHEEL  
SOLUTION



LEAVES  
ONLY 1MM

# SANIWELL®

## SUBMERSIBLE WELL PUMP



### CLEAR WATER

Artesian wells

80 m  
↑

WHAT'S NEW  
2020



### ADVANTAGES

- Water-cooled motor for optimal efficiency
- High pumping height up to 80 m
- With optional float switch (labelled A)

# SANIPUDDLE® FSP

## SUBMERSIBLE PUDDLE PUMP



### CLEAR WATER

Cellars, drying of premises

7 m  
↑

WHAT'S NEW  
2020

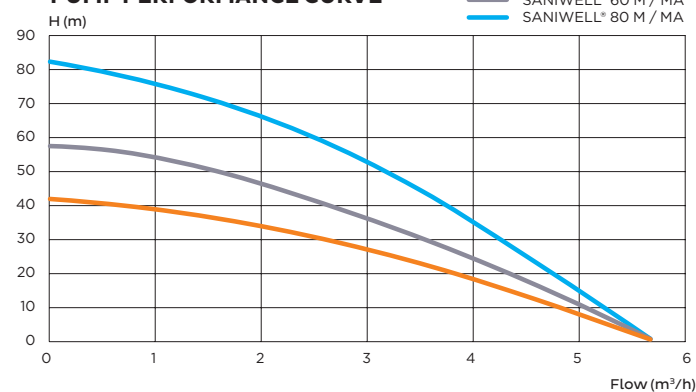


### ADVANTAGES

- Puddle suction pump with solid handling capacity up to 1 mm
- Leaves only a millimetre of water
- Built-in check valve
- Optional electronic trip control (see p. 47)

38

### PUMP PERFORMANCE CURVE

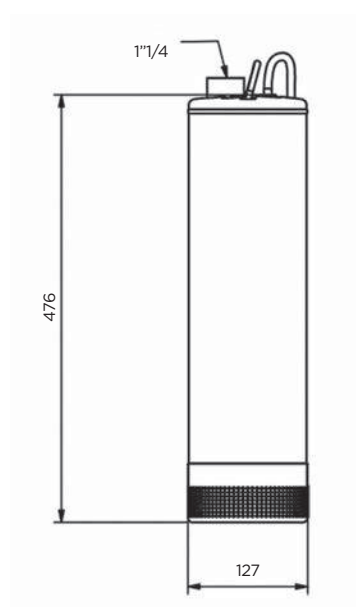


### FEATURES

- Multi-stage submersible pump with integrated water-cooled motors 20 m
- Standard power cable
- Solid handling capacity 1 mm
- With optional float switch (labelled A)
- Immersion depth: max 20 m

### APPLICATIONS

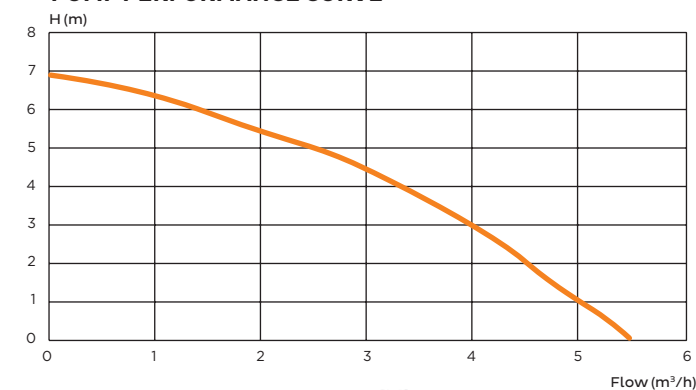
- For open wells
- Suitable for general water supply and irrigation
- Well diameter min 5" (127 mm)



REFERENCE	EAN	FACTORY CODE	U (V)	P1 (W)	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)
SANIWELL 40M/230V	3 308 815 081 472	SANIWELL-001	230	1.0	4.4	45	12
SANIWELL 40MA/230V	3 308 815 081 489	SANIWELL-002		1.25	6.0	57	13
SANIWELL 60M/230V	3 308 815 081 496	SANIWELL-003		1.8	8.5	82	15
SANIWELL 60MA/230V	3 308 815 081 502	SANIWELL-004					
SANIWELL 80M/230V	3 308 815 081 519	SANIWELL-005					
SANIWELL 80MA/230V	3 308 815 081 526	SANIWELL-006					

39

### PUMP PERFORMANCE CURVE

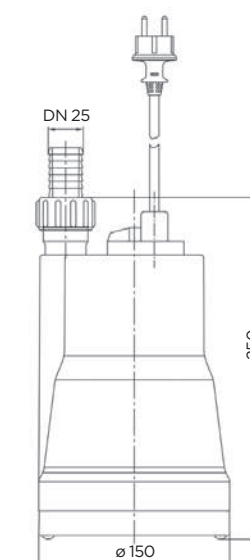


### FEATURES

- Submersible pump for clear water, with solid handling capacity of 1 mm
- Made of polypropylene and stainless steel
- Double mechanical seal
- Vertical pressure outlet 1" ¼ with hose connection DN 25

### APPLICATIONS

- Portable pump for pumping puddles
- For cellars, laundries, swimming pools etc.



Electronic level control for SANIPUDDLE optional (See p. 47)

REFERENCE	EAN	FACTORY CODE	U (V)	P1 (W)	P2 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)
SANIPUDDLE FSP	3 308 815 081 427	SANIPUDDLE-001	230	300	160	50-60	1.3	2,800	IP 68	5.5	7	3.77





# SANISUB® 400

PUDDLE PUMP



**CLEAR WATER**

Cellars, sumps

7.5 m  
↑

WHAT'S NEW  
2020



## ADVANTAGES

- Automatic release
- Portable
- Submersible pump
- Built-in check valve

# SANISUB® ZPK SANISUB® S-ZPK

PUDDLE PUMP



**GREY WATER**

Domestic grey water, domestic aggressive water (S ZPK)

10 m  
↑

WHAT'S NEW  
2020



## ADVANTAGES

- Solid handling capacity from 10 to 30 mm
- Portable
- Automatic release by adjustable float
- Resistance to water up to an average temperature of 90°C over a short period
- SANISUB S-ZPK: pumps for aggressive or saline water (max. salt content 15%)

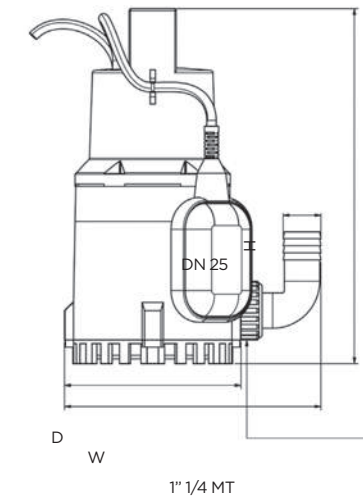
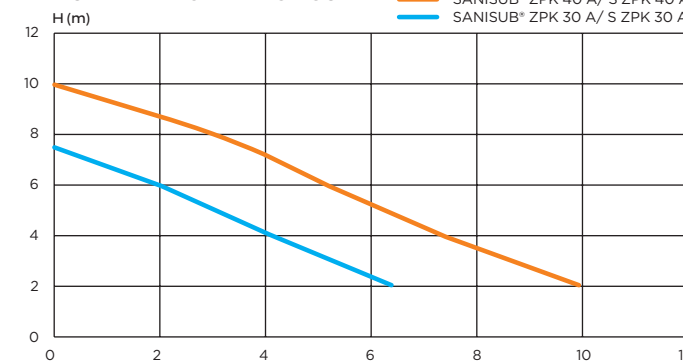
## APPLICATIONS

- Pumping clear water from cellars, garages, rainwater manholes...
- Portable pump for emergency pumping
- Drainage of domestic grey water without faecal matter (showers, washing machines, sinks, etc.)
- SANISUB S ZPK: drainage of brine water from softeners and aggressive or saline water (max. 15%)

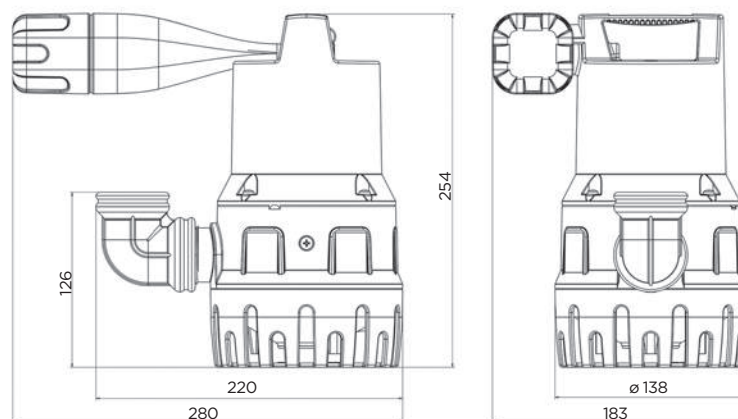
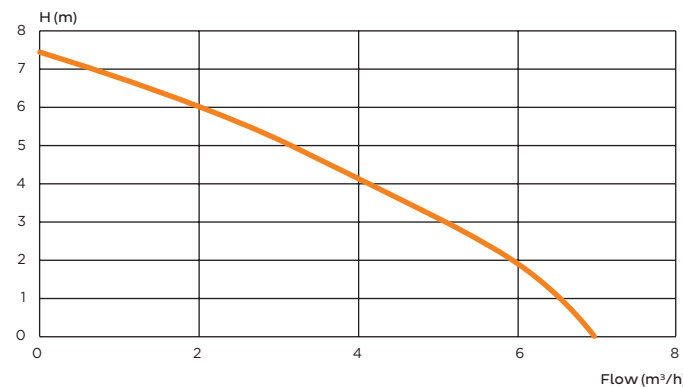
## FEATURES

- Submersible polypropylene and stainless steel pump for grey water
- Double seal by mechanical lining and seal
- Horizontal discharge 1 1/4 MPT
- Float switch fitted as standard
- SANISUB S ZPK: mechanical lining in silicon carbide and stainless steel 316 L crankcase
- 10 m power cable
- 90° connection elbow pipe (30 A DN 25, 40 A DN 32)
- Solid handling capacity of 10 mm for ZPK & S ZPK 30 A, 30 mm for ZPK & S ZPK 40 A

## PUMP PERFORMANCE CURVE



## PUMP PERFORMANCE CURVE



## APPLICATIONS

- Drainage of cellars, pumping water from sumps and living areas

## FEATURES

- Jacket cooled submersible pump for clear water
- 10 m connection cable with ready-to-use plug
- Drainage by 1" threaded connection
- 1/4 7 m immersion depth
- 10 mm Solid handling capacity

REFERENCE	EAN	FACTORY CODE	U (V)	P1 (W)	P2 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)
SANISUB 400	3 308 815 081 632	SANISUB 005	230	400	200	50	1.4	2,850	IP68	6.5	7.5	4.1

REFERENCE	EAN	FACTORY CODE	U (V)	P1 (W)	P2 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)
SANISUB ZPK 30 A	3 308 815 081 434	SANISUB-001	230	300	130	50-60	1,3	2,800	IP68	7	7.5	4.5
SANISUB ZPK 40 A	3 308 815 081 441	SANISUB-002		850	430		3,7			10	10	6.5
SANISUB S ZPK 30 A	3 308 815 081 458	SANISUB-003		300	130		1,3			7	7.5	4.5
SANISUB S ZPK 40 A	3 308 815 081 465	SANISUB-004		850	430		3,7			10	10	6.5



WHAT'S NEW  
2020



# SANISUB® STEEL

SUBMERSIBLE PUMP  
AND EMERGENCY KIT



GREY WATER

Domestic grey water, runoff

7.5 m



## ADVANTAGES

- Portable stainless steel design
- Pumping water from cellars, garages, rainwater manholes...
- Optimised motor cooling
- Complete kit available
- Automatic release by adjustable float

## APPLICATIONS

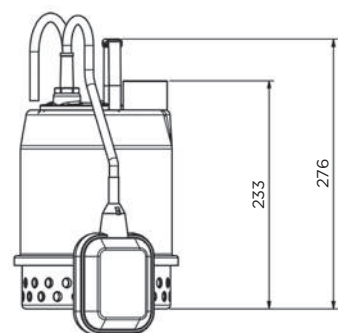
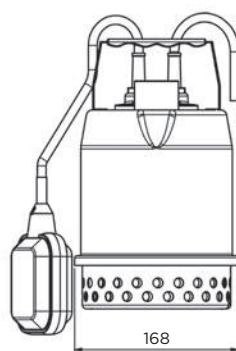
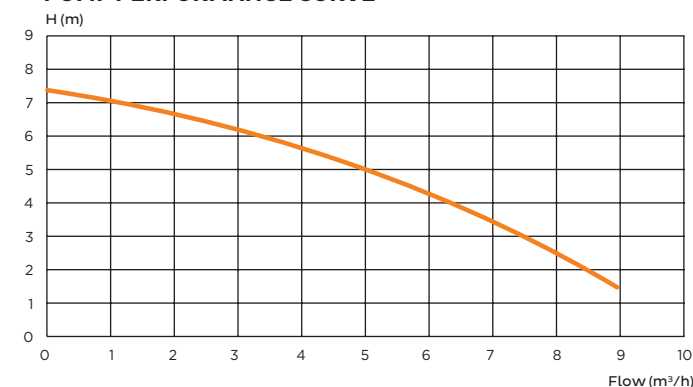
- Used for domestic, industrial or agricultural applications
- For wastewater with a minimum particle size of 10 mm

## FEATURES

- Portable and stainless steel design
- Pumping of wastewater from underground
- Integrated motor protection
- Maximum temperature up to 75° over a short period
- 10 m power cable
- Drainage by 1" threaded connection

EMERGENCY KIT  
Basket with attachment, 15 m evacuation hose fitted with quick connectors, retention cannula

## PUMP PERFORMANCE CURVE



REFERENCE	EAN	FACTORY CODE	HYDRAULIC	U (V)	P (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)
SANISUB STEEL 50A	3 308 815 081 700	SANISUBSTEEL-001	Wheel	230	450	50-60	2	2,800	IP68	9	7.5	4.5
SANISUB STEEL EMERGENCY KIT	3 308 815 082 639	SANISUBSTEEL-101	-	-	-	-	-	-	-	-	-	13



# SANIPUMP® ZPG 71

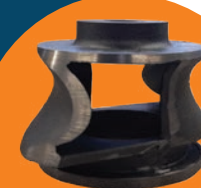
GREY  
WATER  
PUMP



GREY &

RAINWATER

Drainage, grey and rainwater



TWO-CHANNEL  
WHEEL

31 m



WHAT'S NEW  
2020

## ADVANTAGES

- 40 mm free passage
- Install on the ground or on a mounting base
- Double mechanical seal
- Integrated pump foot
- Compatible with SANIFOS 1600/2100/3100 (see pp. 60 & 61)
- Rainwater if fully submerged (S1 mode)

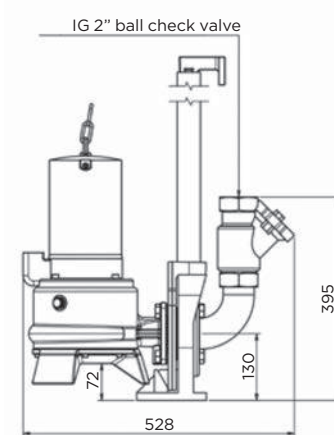
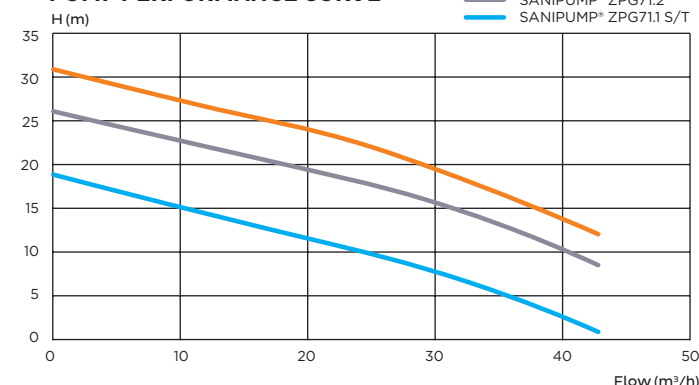
## APPLICATIONS

- Pumping of drainage water and rainwater
- Can be installed in an existing manhole or pit

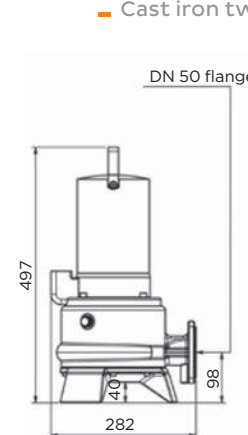
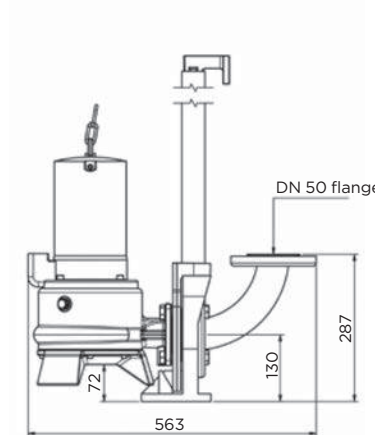
## FEATURES

- Submersible cast iron pump
- Cast iron pump, motor housing, stainless steel shaft
- Double mechanical seal with oil chamber
- EVACUATION DN 50
- Cast iron two-channel wheel

## PUMP PERFORMANCE CURVE



Stationary assembly arrangement



Transportable assembly arrangement

All installation accessories on pp. 46 & 47

REFERENCE	EAN	FACTORY CODE	U (V)	P1 (W)	P2 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)
SANIPUMP ZPG 71.1 S	3 308 815 081 533	ZPG-001	230	2,200	1,600	50-60	10.5	2,800	IP 68	43	19	38
SANIPUMP ZPG 71.1 T	3 308 815 081 540	ZPG-002		2,100	1,700		3.7				19	40
SANIPUMP ZPG 71.2 T	3 308 815 081 557	ZPG-003	400	3,900	3,200		6.5				26	44
SANIPUMP ZPG 71.3 T	3 308 815 081 564	ZPG-004					6.5				31	46





# SANIPUMP GR VX

WASTEWATER  
PUMP



WASTEWATER  
All domestic wastewater

GRINDER WHEEL  
PRO X K2

VORTEX WHEEL  
KX V6

## ADVANTAGES

- Autonomous pump operation
- Two versions available
- Portable: 13 kg

14 m  
↑

# SANIPUMP ZFS 71

WASTEWATER  
PUMP



WASTEWATER  
All wastewater with high total dynamic head

GRINDER WHEEL  
PRO X K3

## ADVANTAGES

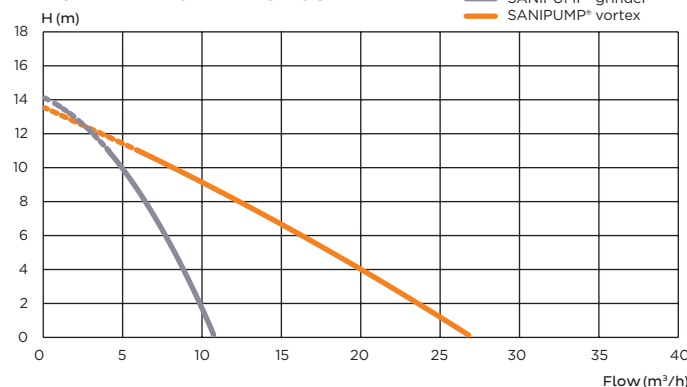
- High performance grinder system
- ATEX version
- High total height: 39 m

39 m  
↑



44

## PUMP PERFORMANCE CURVE



## APPLICATIONS

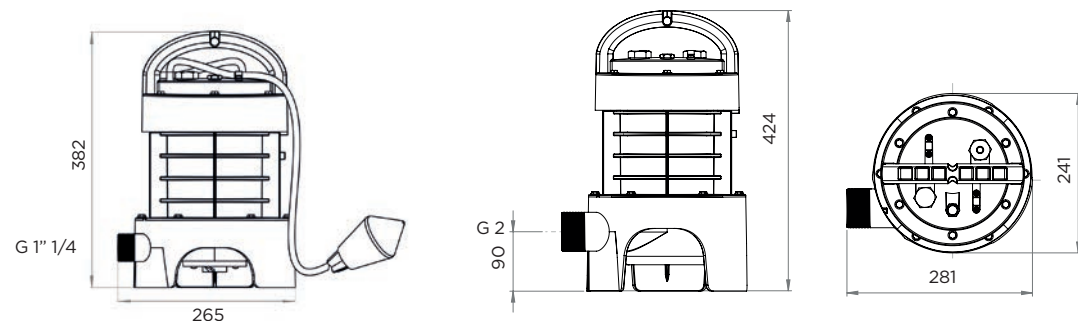
- Septic tank pumping
- All domestic wastewater
- Emergency pumping

## FEATURES

- Material: glass fibre reinforced polyethylene
- Max. temperature of incoming wastewater: 70°C intermittently (max. 5 min)
- ON/OFF level: 400/100 mm
- Float activation system
- G 1" outlet for grinder
- G 2" outlet for vortex
- Motor cooling in oil bath

SANIPUMP® grinder

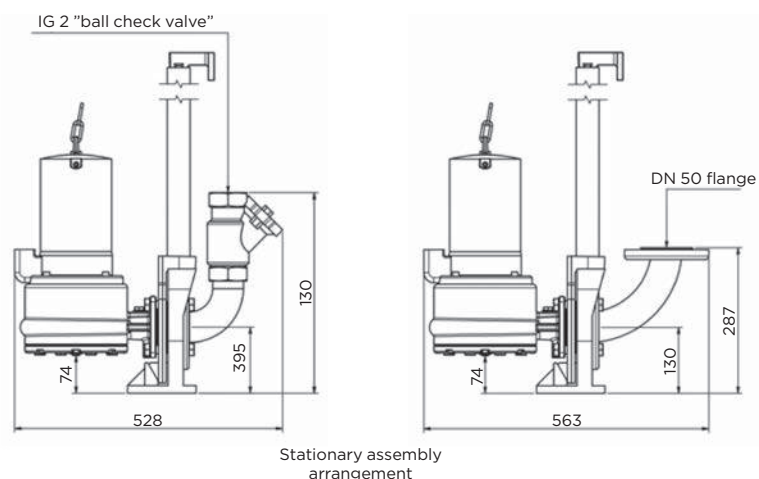
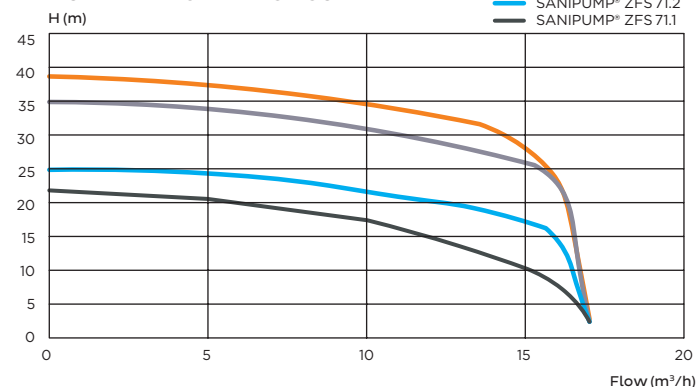
SANIPUMP® vortex



REFERENCE	EAN	FACTORY CODE	HYDRAULIC	U (V)	P1 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)
SANIPUMP GR S	3 308 815 074 610	POMPIMMERGE	Grinder	230	1,500	50-60	6	2,800	IP 68	11	14	13
SANIPUMP VX S	3 308 815 076 201	POMPIMMERGEVORTEX	Vortex							27	13	

45

## PUMP PERFORMANCE CURVE



REFERENCE	EAN	FACTORY CODE	U (V)	P1 (W)	P2 (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)
SANIPUMP ZFS 71.1 S	3 308 815 081 571	ZFS-001	230	2,200	1,600	50-60	10.5	2,800	IP 68	17	22	38
SANIPUMP ZFS 71.1 T	3 308 815 081 588	ZFS-002	400	2,100	1,700		3.7				25	
SANIPUMP ZFS 71.2 T	3 308 815 081 595	ZFS-003		3,900	3,200		6.5				35	42
SANIPUMP ZFS 71.3 T	3 308 815 081 601	ZFS-004									39	
SANIPUMP ZFS 71.4 T	3 308 815 081 618	ZFS-005										

## APPLICATIONS

- For high total dynamic head requirements
- Collective sanitation
- Suitable for establishments open to the public

## FEATURES

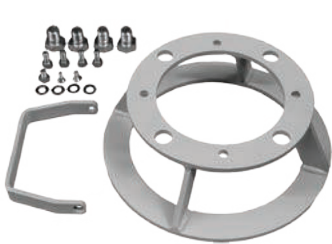
- Submersible cast iron pump for wastewater
- Pump, motor, impeller housing, stainless steel shaft
- Double mechanical seal with oil chamber
- EVACUATION DN 50

All installation accessories on pp. 46 & 47

ACCESSORIES

Description	EAN	Factory Code
GROUND INSTALLATION KIT FOR ZFS	3308815081977	HYDRO-00001
ZFS/ZPG 71 COUPLING SYSTEM	3308815081984	HYDRO-00002
90° CONNECTION ELBOW DN 50 PE	3308815081991	HYDRO-00003
90° CONNECTION ELBOW DN 50 VA	3308815082004	HYDRO-00004
1"½ GUIDE BARS VA Inox (3 metres)	3308815082028	HYDRO-00006
CHECK VALVE DN 50 CAST IRON	3308815082035	HYDRO-00007
GATE VALVE DN 50 CAST IRON	3308815082042	HYDRO-00008
PUMPING CHAIN stainless steel (by the metre)	3308815082066	HYDRO-00010
SHACKLE NG 5 VA STAINLESS STEEL	3308815082080	HYDRO-00012
DISCHARGE PIPE DN 50 1 m PE 1 x flange	3308815082097	HYDRO-00013
DISCHARGE PIPE DN 50 1 m PE 2 x flange	3308815082103	HYDRO-00014
THREADED FLANGE DN 50 IG 2" VZ PN10/16	3308815082110	HYDRO-00015
2" IG GG PN10 BALL CHECK VALVE	3308815082127	HYDRO-00016

Description	EAN	Factory Code
PIPE C 2"- 10 m WITH COUPLINGS C 11358 B	3308815082141	HYDRO-00017
PIPE C 2"- 20 m WITH COUPLINGS C 11359 B	3308815082158	HYDRO-00018
ASSEMBLY ACCESSORIES DN 50 VA (stainless steel)	3308815082271	HYDRO-00030
ASSEMBLY ACCESSORIES DN 50 VZ (galvanized steel)	3308815082288	HYDRO-00031
ASSEMBLY ACCESSORIES DN 65 VA (stainless steel)	3308815082295	HYDRO-00032
ASSEMBLY ACCESSORIES DN 65 VZ (galvanized steel)	3308815082301	HYDRO-00033
ASSEMBLY ACCESSORIES DN 80 VA (stainless steel)	3308815082318	HYDRO-00034
ASSEMBLY ACCESSORIES DN 80 VZ (galvanized steel)	3308815082325	HYDRO-00035
1" CHECK VALVE ¼ PE DN 32	3308815082455	HYDRO-00042
RETROFIT KIT CHECK VALVE	3308815082462	HYDRO-00043
1" VALVE ¼ CAST IRON	3308815082479	HYDRO-00044
ELECTRONIC LEVEL CONTROL FOR SANIPUDDLE	3308815083025	HYDRO-00048



GROUND INSTALLATION  
KIT FOR ZFS



ZFS/ZPG COUPLING SYSTEM



90° CONNECTION  
ELBOW DN 50 PE



90° CONNECTION  
ELBOW DN 50 VA



DISCHARGE PIPE DN 50 1  
m PE 2 x flange



THREADED FLANGE DN 50 IG 2" VZ  
PN10/16



2" IG GG PN10 BALL  
CHECK VALVE



PIPE C 2"- 10 m WITH COUPLINGS  
C 11358 B



CHECK VALVE DN 50 CAST  
IRON



GATE VALVE DN 50 CAST  
IRON



SHACKLE NG 5 VA  
STAINLESS STEEL



DISCHARGE PIPE DN 50  
1 m PE 1 x flange



1" CHECK VALVE ¼ PE DN 32



1" VALVE ¼ CAST  
IRON



ELECTRONIC LEVEL CONTROL FOR  
SANIPUDDLE



## ADVICE ON INSTALLING YOUR SANI FOS® UNDERGROUND PUMPING STATION

FOLLOW RECOMMENDED  
GUIDELINES DURING INSTALLATION OF  
THE **SANIFOS®** UNDERGROUND PUMPING STATION.



### Standards

Our devices conform to EN12050-1 standards for all pumping stations and must be installed according to EN12056-4 and EN 752-6 recommended guidelines.

### 1 TYPE OF SOIL\*

It is vital to know the soil type before installing an underground pumping station.

**SANIFOS®  
PUMPING STATIONS CAN ALSO BE  
INSTALLED INSIDE THE HOME,  
IN A FLOOR-STANDING POSITION.**

### 2 WHERE SHOULD I INSTALL THE PUMPING STATION?

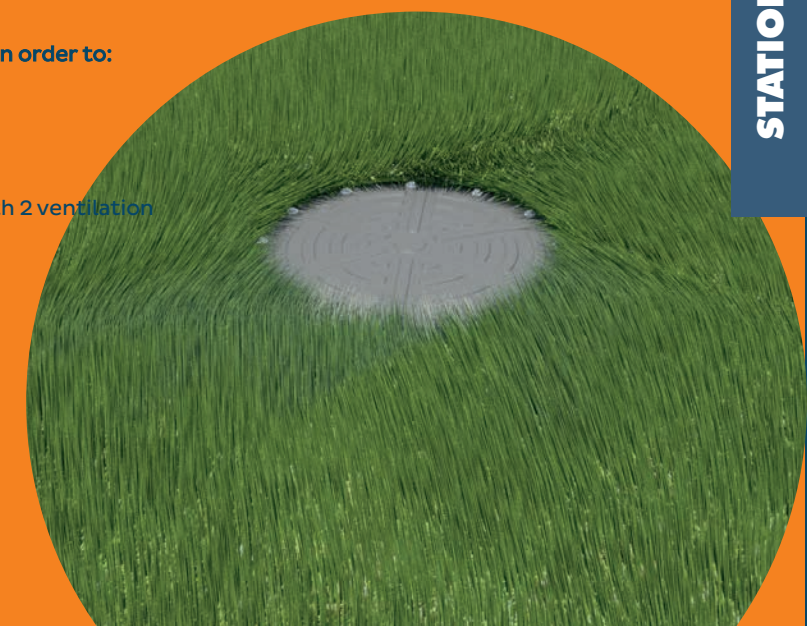
SANIFOS® pumping stations have an incoming water flow height of 182 mm to 2,450 mm (and 2,940 mm with the extension). This means they can be installed at various distances from the house.

### 3 WHY DOES YOUR STATION NEED GOOD VENTILATION?

The upper section of the station must be ventilated in order to:

- release gases that form inside the tanks in order to prevent risk of explosion
- prevent loss of pressure in the station

For this purpose, pumping stations are equipped with 2 ventilation holes.



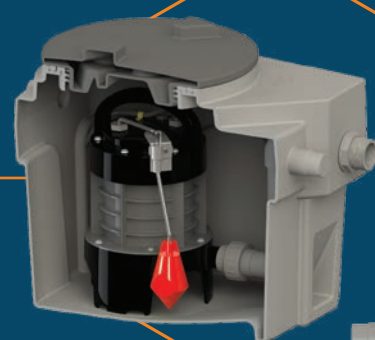
\*For accurate technical information, please refer to the installation instructions and professional standards or seek advice from our technical department: [info.stations@sfa.fr](mailto:info.stations@sfa.fr)

# SANIFOS®

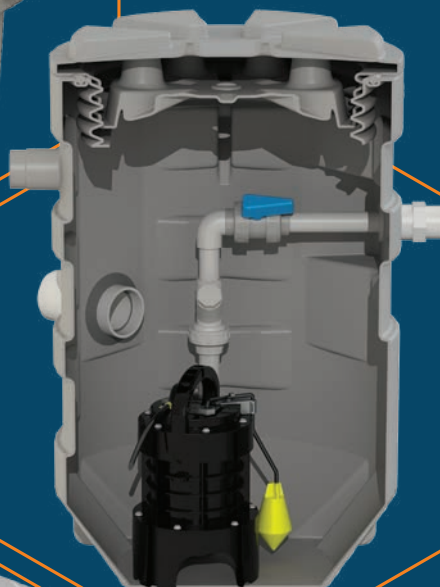
COMPLETE RANGE

## TO MEET **ALL** **YOUR NEEDS**

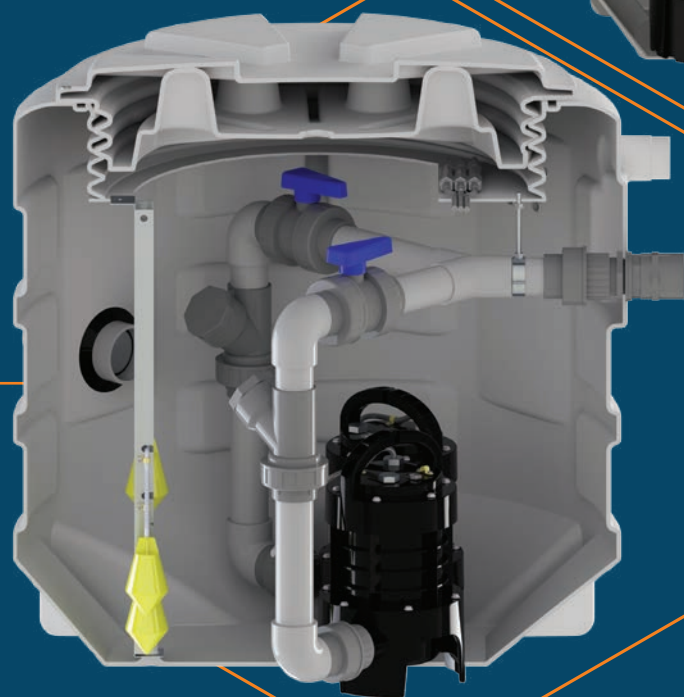
...RELIABILITY



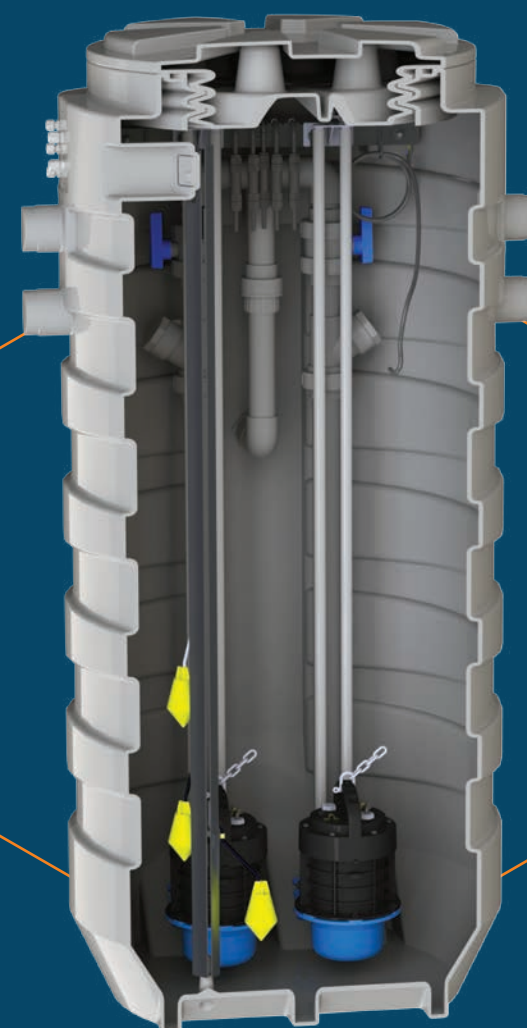
...FLEXIBILITY



...PERFORMANCE



...EASY INSTALLATION  
AND MAINTENANCE



...MANY COMBINATIONS



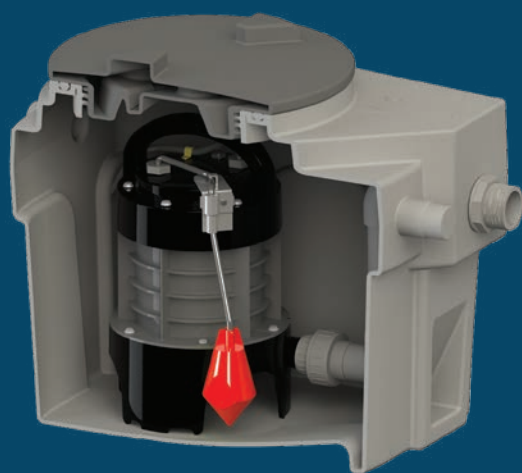
... 7 TANK SIZES  
BETWEEN 110 L AND 3,100 L

STATIONS TO INSTALL UNDERGROUND



# SANIFOS® 110

PUMPING STATION / 1 PUMP



GRINDER WHEEL  
PRO X K2

## ADVANTAGES

- Compact solution
- Easy installation
- Drainage accessories (see p. 58)
- Pedestrian cover

**WASTEWATER**  
All domestic wastewater

14 m  
↑

# SANIFOS® 280

UNDERGROUND PUMPING STATION  
1 PUMP



WHAT'S NEW  
2020

GRINDER WHEEL  
PRO X K2

VORTEX WHEEL  
KX V6

## ADVANTAGES

- Adjustable water inlet (F.E.A: 3 zones for customised drilling)
- High-performance operation: up to 14 m
- Available as a grinder or vortex
- Fully equipped station: valves supplied
- Wired alarm and optional extension (see p. 58)

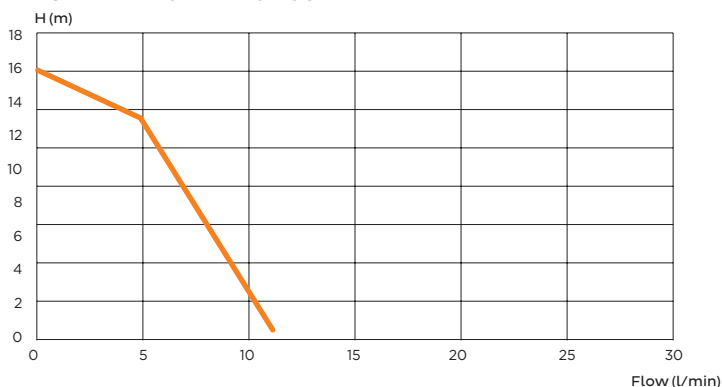
**WASTEWATER**

All domestic wastewater  
Model shown: Sanifos 280 Macerator

14 m  
↑

52

## PUMP PERFORMANCE CURVE

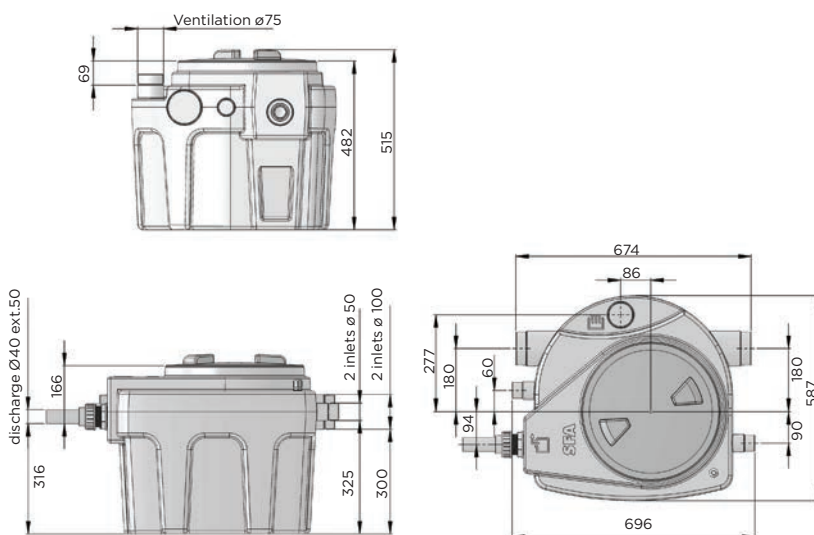
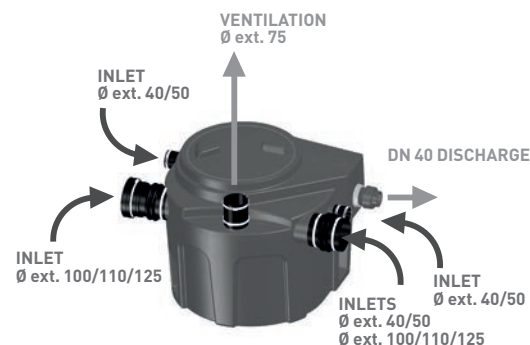


## APPLICATIONS

- Pumping of wastewater from detached homes
- Suitable for installation outside or inside buildings

## FEATURES

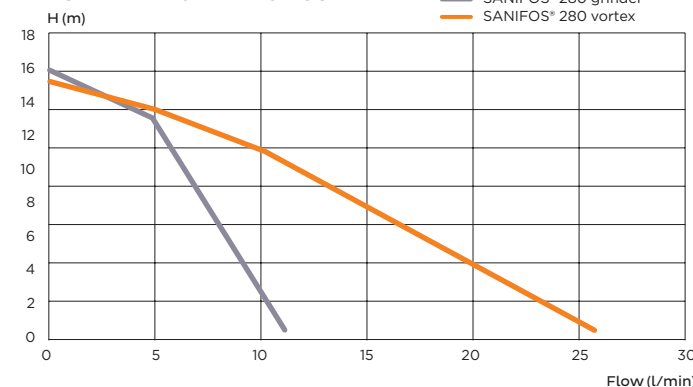
- Material: Polyethylene
- Max. temperature of incoming wastewater: 70°C intermittently (short period)
- ON/OFF level: 320/120 mm
- Water inlet (F.E.A: 182 mm)
- Activation system: float
- DN 40/50 outlet



REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	ALARM
SANIFOS 110 1GR SP S	3 308 815 079 318	SANIFOS110P	Grinder	110	35	230	1,500	50-60	6	2,800	IP 68	11	14	23	

53

## PUMP PERFORMANCE CURVE

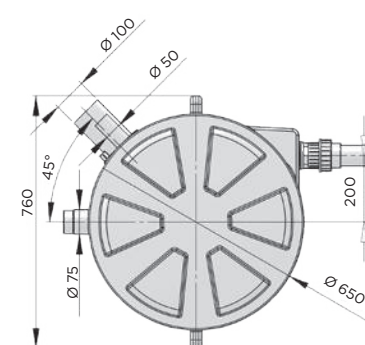
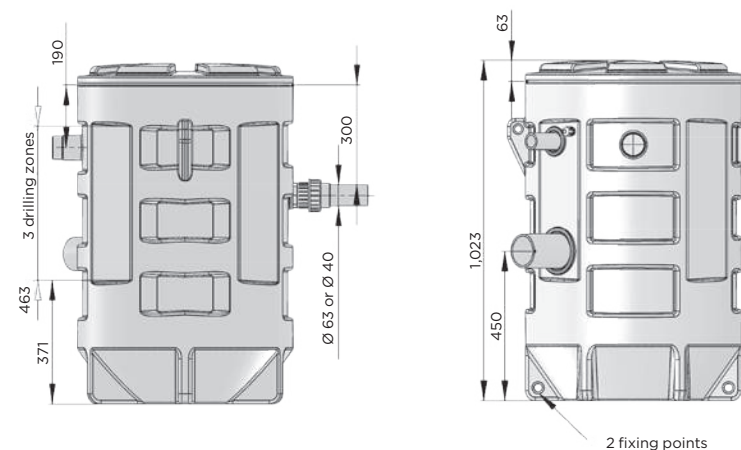


## APPLICATIONS

- Waste water drainage for a detached house
- Suitable for installation outside or inside buildings

## FEATURES

- Material: Polyethylene
- Max. temperature of incoming wastewater: 70°C intermittently (short duration)
- ON/OFF level: 400/100 mm
- 1 inlet water pump (F.E.A: 250 - 600 mm) (with extension 550 - 900 mm)
- Alarm level: 550 mm
- Check valve and shut-off valve
- DN 40/50 outlet for grinder
- DN 50/63 outlet for Vortex



REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P (W)	FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	ALARM
SANIFOS 280 1VX S	3 308 815 081 304	SANIFOS280VORTEX	Vortex	280	84	230	1,500	50-60	6	2,800	IP 68	27	14	48	Option
SANIFOS 280 1GR S	3,308,815,082,660	SANIFOS280GRS	Grinder									11	14		

# SANIFOS® 610

UNDERGROUND PUMPING STATION **D1 OR 2 PUMPS**

WHAT'S NEW  
2020



**WASTEWATER**  
All domestic wastewater, small collectives for the 2 pump versions

16 m  
↑



Smart interactive control unit for 2 pump versions



**VORTEX WHEEL**  
KX V6

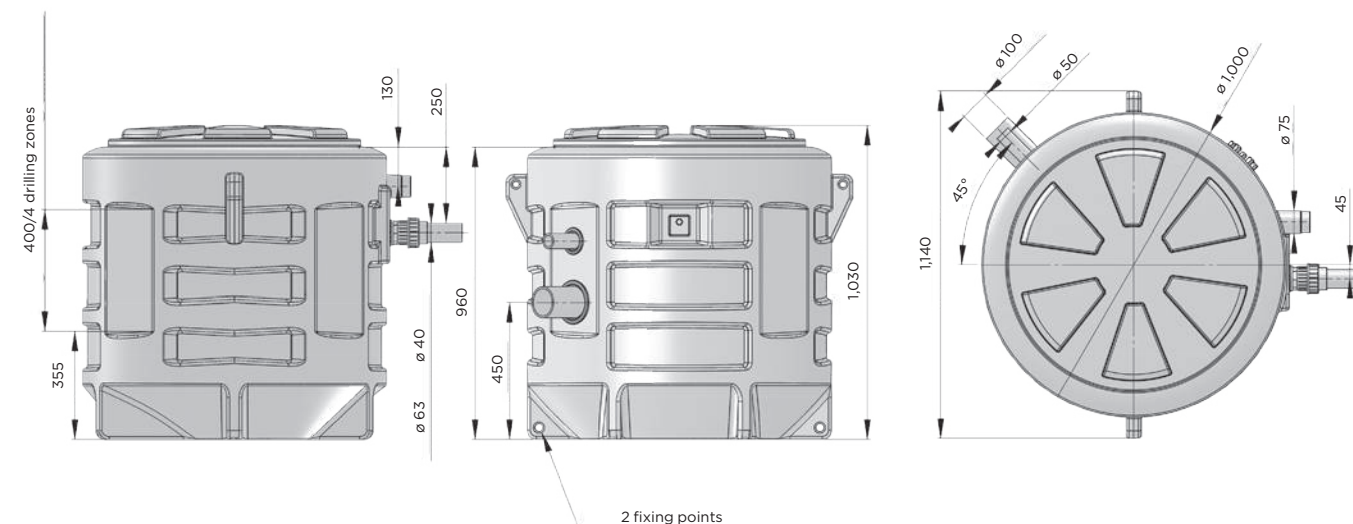


**GRINDER WHEEL**  
PRO X K2

REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	USABLE VOLUME (L)	U (V)	P1 (W)
SANIFOS 610 1 VX SP S	3 308 815 081 670	SANIFOS6101VXSPS	Vortex	612	206	230	1 x 1,500
SANIFOS 610 1 GR SP S	3 308 815 081 687	SANIFOS6101GRSPS	Grinder		240		
SANIFOS 610 2 VX SP S	3 308 815 081 649	SANIFOS6102VXSPS	Vortex				
SANIFOS 610 2 GR SP S	3 308 815 081 656	SANIFOS6102GRSPS	Grinder				
SANIFOS 610 2 VX SPT	3 308 815 081 663	SANIFOS6102VXSPT	Vortex				400

## SANIFOS® 610

UNDERGROUND PUMPING STATION  
**1 OR 2 PUMPS**



### ADVANTAGES

- 5 versions adaptable to all situations
- 1 or 2 pumps
- Three-phase or single-phase vortex or single-phase grinder version
- Ready to assemble hydraulics with stop valve and check valve
- Extension available: 40 cm
- SMART unit as standard for 2 pump versions

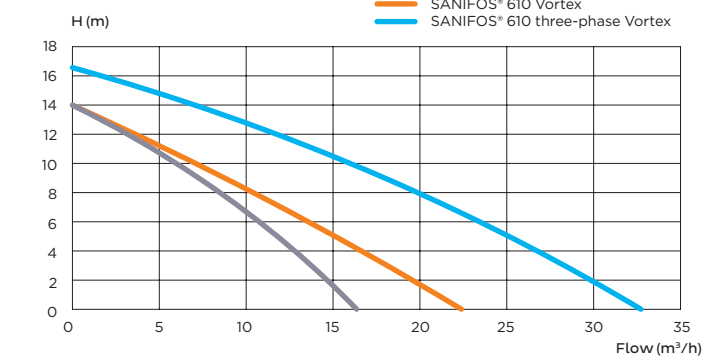
### APPLICATIONS

- Wastewater treatment for detached homes or small collectives

### FEATURES

- Waterproof connectors
- PVC pipes with check valve and gate valve
- SMART unit as standard for 2 pump versions
- Motorisation: single-phase or three-phase vortex
- 2 pumps: Incoming water flow line (F.E.A: 325 - 610 mm) (with extension 725 - 1,010 mm)
- 1 pump: Incoming water flow line (F.E.A: 325 - 580 mm) (with extension 725 - 980 mm)
- Volume 612 litres
- 40 cm extension
- Two window seals: DN 50 and DN 100

### PUMP PERFORMANCE CURVE



FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	CABINET IP	ALARM
50 / 60	6	2,800	IP 68	22	14	68	-	-	Optional
	16			13.5					
	2 x 6			16	88	SMART	IPX4		
	2 x 4.75			33					
				16.7					



# SANIFOS® 1300

UNDERGROUND PUMPING STATION **2 PUMPS**



## WASTEWATER

Grouped housing, collectives, shopping centres

17 m ↑



VORTEX WHEEL  
KX V6

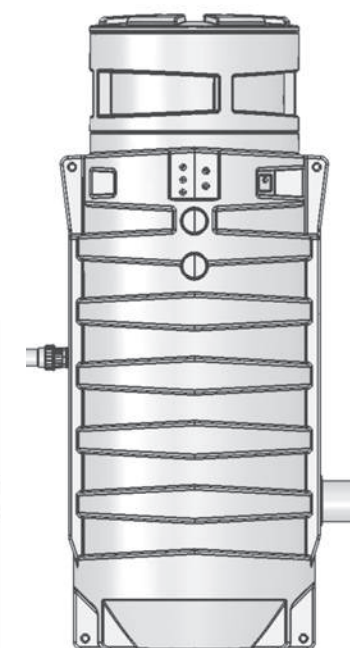
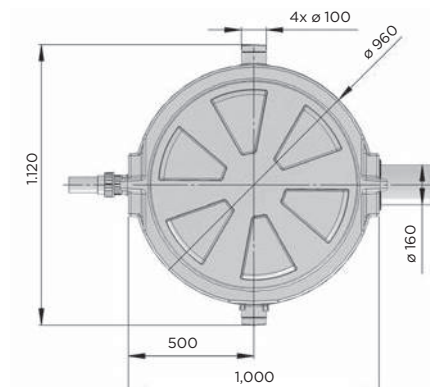
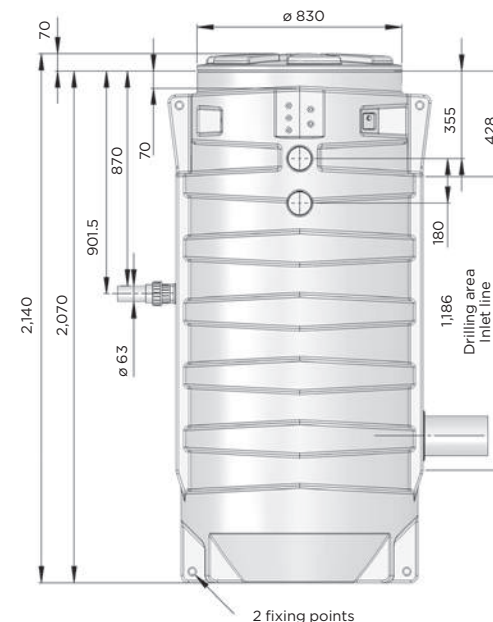


GRINDER WHEEL  
PRO X K2

REFERENCE	EAN	FACTORY CODE	HYDRAULIC	TANK (L)	U (V)	P (W)
SANIFOS 1300 2 GR SP S	3 308 815 077 796	SANIFOS1300	Grinder	1,300	230	2 x 1,500
SANIFOS 1300 2VX SP S	3 308 815 077 802	SANIFOS1300VORTEX	Vortex		400	2 x 2,800
SANIFOS 1300 2 VX SPT	3 308 815 077 819	SANIFOS1300VORTEXTRI				

# SANIFOS® 1300

UNDERGROUND PUMPING STATION **2 PUMPS**



SANIFOS1300 with 40 cm extension  
Reference: EAN 3308815077826  
R0250100

## ADVANTAGES

- For all configurations: single-phase grinder or vortex wheel, three-phase vortex wheel
- Easy maintenance: 2 pumps mounted on cast iron mounting base with stainless steel guide bars
- Vertical drilling area for effluent inlet with template provided
- Extension available: 40 cm
- Frost-proof drainage: 0.80 m (1.20 m with extension)

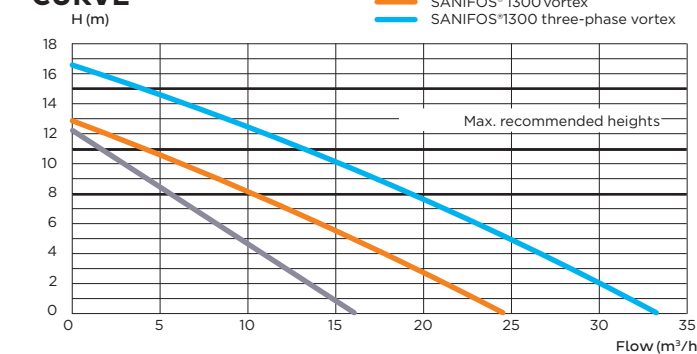
## FEATURES

- Material: Polyethylene
- Max. temperature of incoming wastewater: 70°C intermittently (short duration)
- ON/OFF level: 650/150 mm
- Incoming water flow line (F.E.A): 560 – 1,460 mm (with extension: 960/1,860 mm)
- Float activation system
- Alarm level: 930 mm
- 2 check valves & stop valves
- DN 160 inlet
- DN 50 discharge

## APPLICATIONS

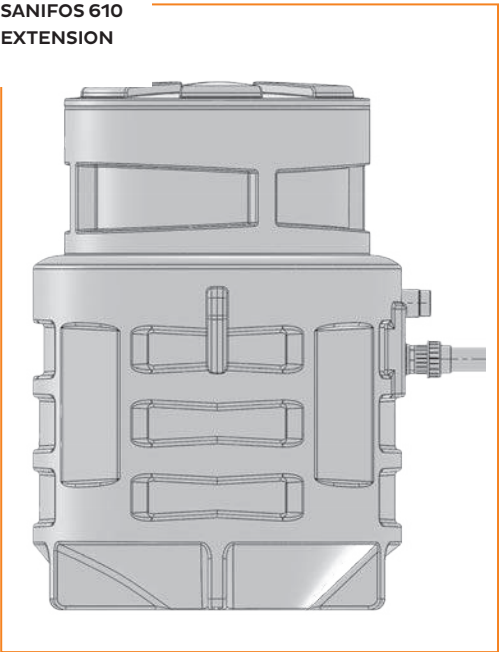
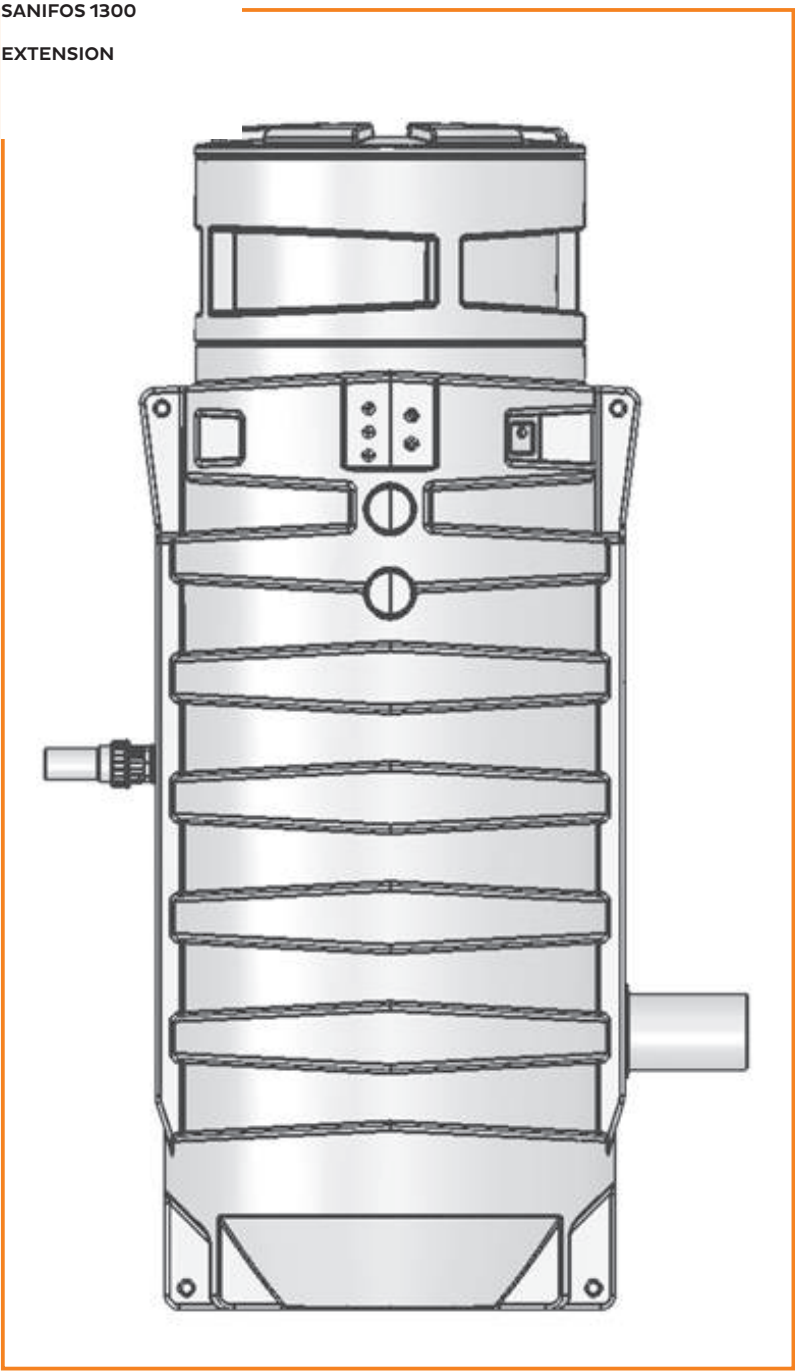
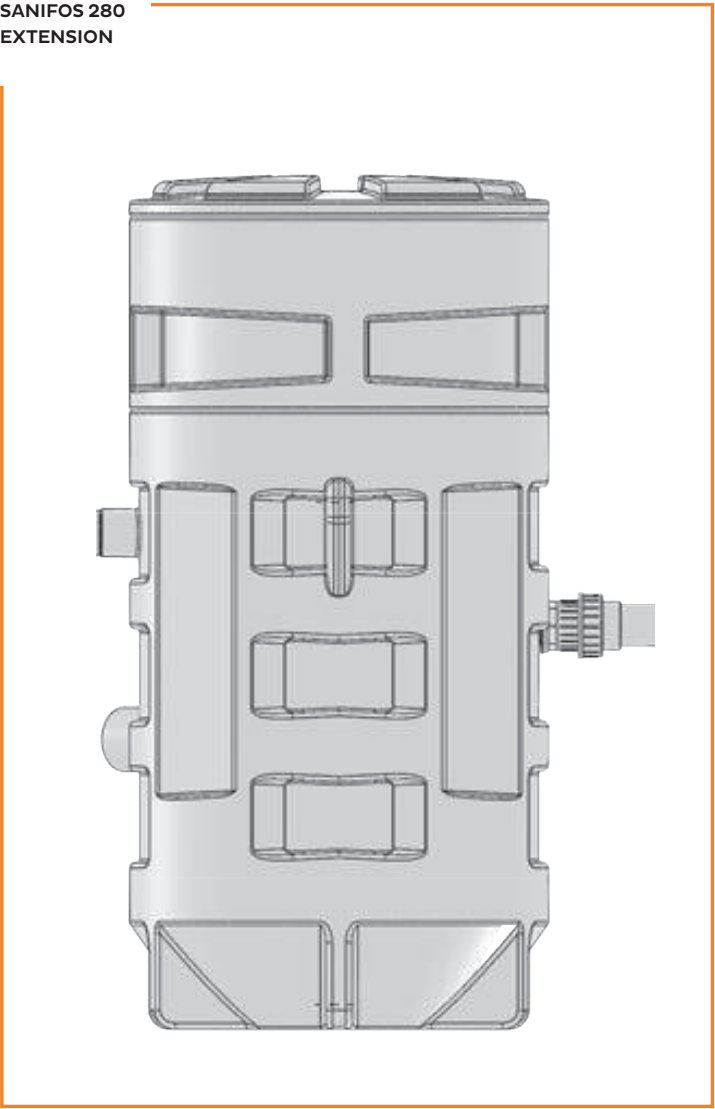
- Wastewater collection for a group of shops or detached homes
- Suitable for installation outside buildings
- Fully compatible for installation in frost zones
- Discharge depth: 870 mm (or 1,270 mm with extension)

## PUMP PERFORMANCE CURVE



FREQUENCY (HZ)	I MAX (A)	TR/MN	IP RATING	Q MAX (M³/H)	H MAX (M)	WEIGHT (KG)	CONTROL BOX	CABINET IP	ALARM
50-60	2 x 6	2,800	IP 68	16	12	192	SMART	IPX4	External, wired
	2 x 7			25	13				
	2 x 7			32	17				

# ACCESSORIES



DESCRIPTION	EAN	FACTORY CODE
SANIFOS 110 EVACUATION KIT	3 308 815 077 024	KITEVACSANIFOS110
WIRED TANK ALARM	3 308 815 081 625	SANIFOSALARM
SANIFOS EXTENSION 280 30 CM	3 308 815 081 298	RO250239
SANIFOS EXTENSION 610/1300 40 CM	3 308 815 077 826	RO250100



# CREATE YOUR OWN CUSTOMISED STATION

With SFA you can create a customised station for your pumping project. Follow the steps below to find the ideal solution for each configuration.



## Choose

### 1 / Your station

Different volumes of tanks are available depending on the number of devices you want to connect to your station. All our stations are available with single or dual pumps.

**SANIFOS 1600 / 2100 / 3100**

### 2/ Your pump(s)

Choose the appropriate SFA pump according to the types of water you want to pump, and the configuration of your project.

**Grey water: ZPG**

**Wastewater: ZFS / SANIPUMP GR / ZFS**

### 3/ Your control unit

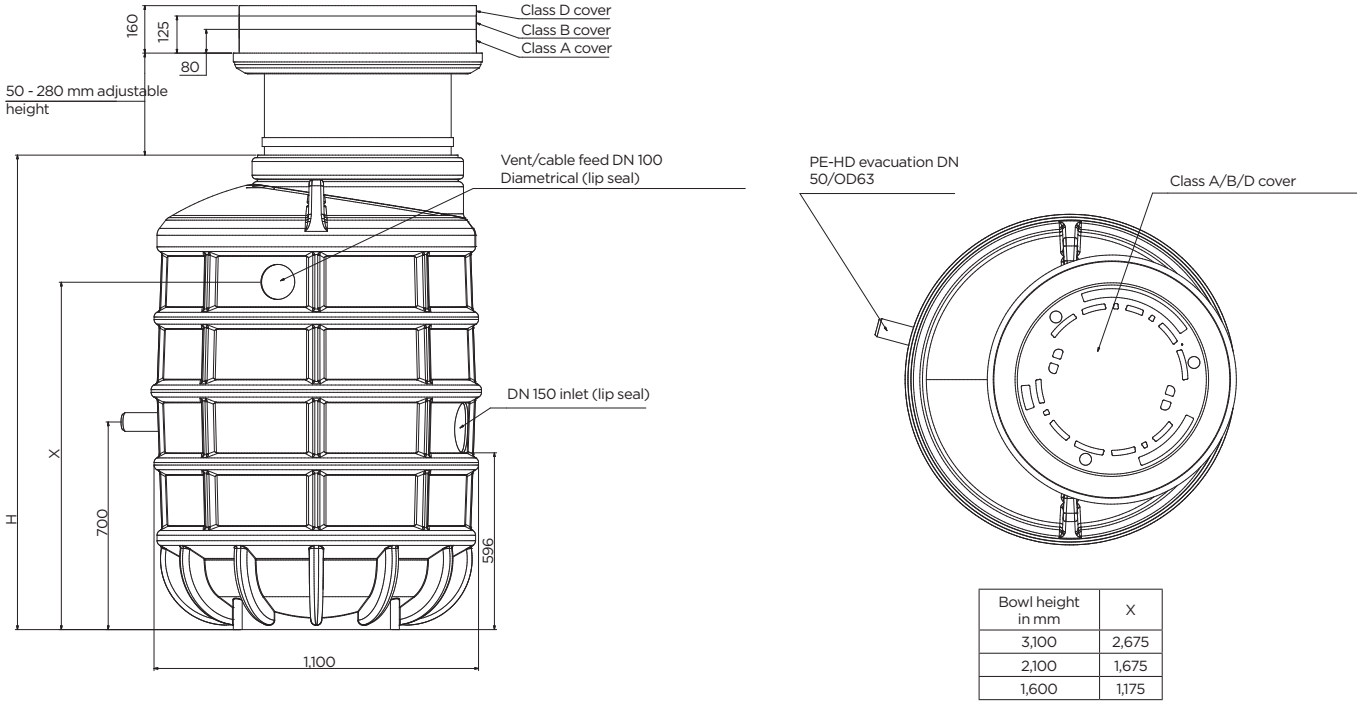
Choose a solution with floats or opt for pneumatic detection. Details on p. 64.

### 4/ Your accessories

Chains and shackles are included for your convenience. Select the appropriate cover for your project (class B, C or D) and the relevant anti-fall grating. Details on p. 65.

## SANIFOS® 1600/ 2100/3100

UNDERGROUND PUMPING STATION  
1 OR 2 PUMPS



## ADVANTAGES

- Pumping station available with 1 or 2 pumps
- Water inlet up to 2.94m
- Load capacity up to 40 tonnes (Class D)

## APPLICATIONS

- Wastewater collection from detached homes or buildings
- Suitable for installation outside buildings
- Class B and D covers (drive-over)

## FEATURES

- Corrosion-resistant pumping station (PE-LLD)
- DN 32 stainless steel piping, pre-assembled with coupling system
- Adjustable liquid level alarm
- 1" check valve, gate valve and 1" flush fitting
- PE-HD outlet 63 x 5.8 - external to the manhole
- 1 x DN 150 inlet, optional additional inlets
- 2 x DN 100 connections for cable gland and vent

REFERENCE	EAN	FACTORY CODE	TANK (L)	IP RATING	CONTROL BOX
SANIFOS 1600-1	3308815081885	TANK-001	1,600	IP 68	ZPS-1
SANIFOS 1600-2	3308815081915	TANK-004			ZPS-2
SANIFOS 2100-1	3308815081892	TANK-002	2,100		ZPS-1
SANIFOS 2100-2	3308815081922	TANK-005			ZPS-2
SANIFOS 3100-1	3308815081908	TANK-003	3,100		ZPS-1
SANIFOS 3100-2	3308815081939	TANK-006			ZPS-2

# OUR **NEW** PUMPS FOR THE **SANIFOS® 1600 / 2100 / 3100**

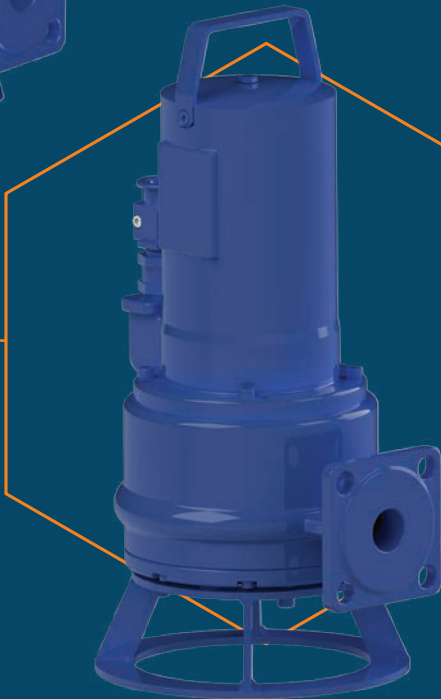
## SANIPUMP ZPG 71

- TWO-CHANNEL WHEEL CAST IRON PUMP
- PUMPING GREY WATER, DRAINAGE WATER AND RAINWATER
  - OUTLET FROM RAINWATER RETENTION BASINS
- Specifications p.43



## SANIPUMP ZFS 71

- CAST IRON PUMP WITH GRINDER WHEEL
- FOR SIGNIFICANT TOTAL DYNAMIC HEADS
  - COLLECTIVE SANITATION
  - SUITABLE FOR ESTABLISHMENTS OPEN TO THE PUBLIC
- Specifications page.45



# CONTROL BOX PNEUMATIC & FLOAT

WHAT'S NEW  
2020



One pump control box



Two-pump control box

### ADVANTAGES

- Available in pneumatic or float version
- Up to 64 Error memory
- Integrated acoustic and visual alarm

### FEATURES

- Control box for wall mounting
- Operating status displayed by text messages and LED light
- Automatic operation of pump(s)
- Alternating operation for double pump stations Activation of the 2<sup>nd</sup> pump as required
- Error message
- Liquid level control made possible by dynamic pressure, float switch or 4 - 20 mA interface for external sensor
- Displays operating hours and power consumption as well as maintenance intervals

REFERENCE	EAN	TYPE OF OPERATION	NUMBER OF PUMPS	U(V)	Factory Code
CONTROL BOX ZPS 1 S PNEUMATIC	3 308 815 081 793	Pneumatic	1	230	ZPS-001
CONTROL BOX ZPS 2 S PNEUMATIC	3 308 815 081 809		2	230	ZPS-002
CONTROL BOX ZPS 1 T PNEUMATIC	3 308 815 081 816		1	400	ZPS-003
CONTROL BOX ZPS 2 T PNEUMATIC	3 308 815 081 823		2	400	ZPS-004
CONTROL BOX ZPS 1 S FLOAT	3 308 815 081 830	Float	1	230	ZPS-005
CONTROL BOX ZPS 2 S FLOAT	3 308 815 081 847		2	230	ZPS-006
CONTROL BOX ZPS 1 T FLOAT	3 308 815 081 854		1	400	ZPS-007
CONTROL BOX ZPS 2 T FLOAT	3 308 815 081 878		2	400	ZPS-008

OPTION TO INSTALL 1 OR 2 PUMPS IN THE TANKS ACCORDING TO REQUIREMENTS

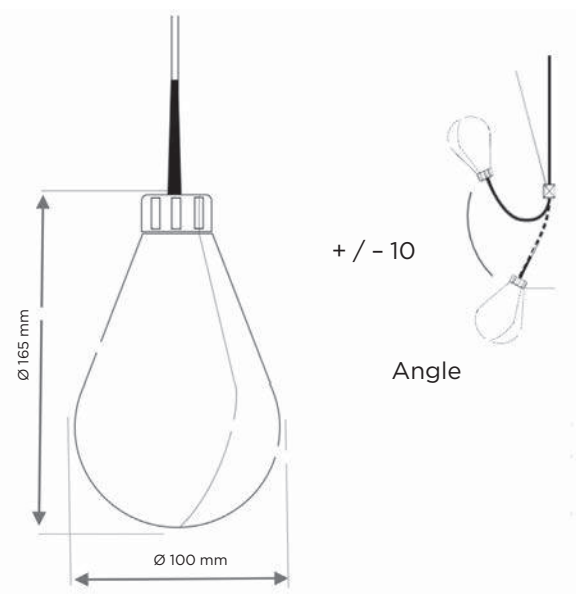


# AQUA XL

WEIGHTED FLOAT  
FOR STATIONS

## WASTEWATER

The weight (775 g) and volume of this self-weighted level float makes it perfectly suited for starting/stopping several pumps in wastewater pumping stations, where thick layers of grease can form on the surface



PERMISSIBLE FLUID DENSITIES	0.95 TO 1.05 G/CM <sup>3</sup>
ELECTRICAL CHARACTERISTICS	250 VAC 50-60 HZ
BREAKING CAPACITY	10 (4)A
PERMISSIBLE OPERATING PRESSURE	2 BARS
MAXIMUM TEMPERATURE	70°C
IP RATING	IP 68
HOUSING	POLYPROPYLENE COPOLYMER
CABLE TYPE	PVC 3 X 0.75 MM
CABLE-FREE FLOAT WEIGHT	775 G

DESCRIPTION	EAN	FACTORY CODE
AQUA XL 10 M	3 308 815 082 691	FLOT-001
AQUA XL 20 M	3 308 815 082 707	FLOT-002

# COVERS

EN124 STANDARD

Covers for pedestrian and vehicular traffic

Covers are classified according to the NF EN 124 standard in the following categories: A15, C250 and D400.



**CLASS A15**  
Areas for exclusive use by pedestrians and cyclists



**CLASS B125**  
Pavements, pedestrian and similar zones, parking areas and multi-storey car parks



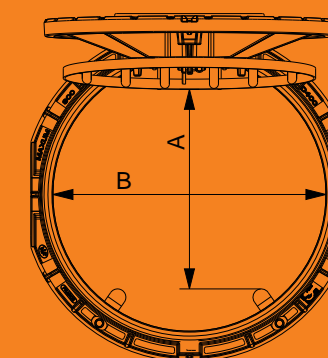
**CLASS D250**  
Traffic lanes, streets/ roads (including pedestrianised), hard shoulders and parking areas for all types of road vehicles

DESCRIPTION	EAN	FACTORY CODE
COVER A	3 308 815 081 946	COVER-001
COVER B	3 308 815 081 953	COVER-002
COVER D	3 308 815 081 960	COVER-003
COVER D + GAC 600	3 308 815 082 677	COVER-004
COVER D + GAC 800	3 308 815 082 684	COVER-005

Anti-fall grating, optional for D covers

The anti-fall grating keeps operators at work safe when the plug is open

FEATURES	GAC 600	GAC 800
TUBE RODS	Ø 27/ Ø 21	Ø 26.9 th. 2 mm
MATERIAL	316 L stainless steel	
RESISTANCE	Static load capacity 500 kg maximum	
SPACING BETWEEN RODS	: 53 mm	< 120 mm
OPENING ANGLE	> 100°	
FREE PASSAGE A X B IN MM	504 x 617	597 x 817
WEIGHT IN KG	9.3	13.5

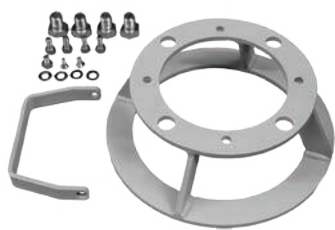


WHAT'S NEW  
2020

# ACCESSORIES

Description	EAN	Factory Code
GROUND INSTALLATION KIT FOR ZFS	3 308 815 081 977	HYDRO-00001
ZFS/ZPG 71 COUPLING SYSTEM	3 308 815 081 984	HYDRO-00002
90° CONNECTION ELBOW DN 50 PE	3 308 815 081 991	HYDRO-00003
90° CONNECTION ELBOW DN 50 VA	3 308 815 082 004	HYDRO-00004
1"¼ GUIDE BARS VA Inox (3 metres)	3 308 815 082 028	HYDRO-00006
CHECK VALVE DN 50 CAST IRON	3 308 815 082 035	HYDRO-00007
GATE VALVE DN 50 CAST IRON	3 308 815 082 042	HYDRO-00008
DISCHARGE PIPE DN 50 1 m PE 1 x flange	3 308 815 082 097	HYDRO-00013
DISCHARGE PIPE DN 50 1 m PE 2 x flange	3 308 815 082 103	HYDRO-00014
THREADED FLANGE DN 50 IG 2" VZ PN10/16	3 308 815 082 110	HYDRO-00015
2" IG GG PN10 BALL CHECK VALVE	3 308 815 082 127	HYDRO-00016

Description	EAN	Factory Code
PIPE C 2"- 10 m WITH COUPLINGS C 11358 B	3 308 815 082 141	HYDRO-00017
PIPE C 2"- 20 m WITH COUPLINGS C 11359 B	3 308 815 082 158	HYDRO-00018
150 KG BRACKET EQUIPPED WITH A HAACON WINCH	3 308 815 082 899	HYDRO-00045
150 KG BRACKET NOT EQUIPPED WITH HAACON	3 308 815 082 905	HYDRO-00046
GROUND FIXING BASE FOR 150 KG HAACON BRACKET	3 308 815 082 912	HYDRO-00047
COMPLETE TYPE 1 EXTERNAL CABINET	3 308 815 082 394	ELEC-00001
COMPLETE TYPE 3 EXTERNAL CABINET	3 308 815 082 400	ELEC-00002



GROUND INSTALLATION  
KIT FOR ZFS



ZFS/ZPG COUPLING SYSTEM



90° CONNECTION  
ELBOW DN 50 PE



90° CONNECTION  
ELBOW DN 50 VA



DISCHARGE PIPE DN 50 1  
m PE 2 x flange



THREADED FLANGE DN 50  
IG 2" VZ PN10/16



2" IG GG PN10 BALL CHECK  
VALVE



PIPE C 2"- 10 m WITH  
COUPLINGS C 11358 B



CHECK VALVE DN 50 CAST  
IRON



GATE VALVE DN 50 CAST  
IRON



DISCHARGE PIPE DN 50  
1 m PE 1 x flange



1" CHECK VALVE ¼ PE  
DN 32



1" VALVE ¼ CAST  
IRON



# PRODUCT NAMES

SFA has every situation covered:  
Power supply, tank size, outdoor or indoor installation, even the number of pumps.

The various ranges offer over 200 solutions to meet all your needs.

Our product names provide a lot of information – please see the "rules" below to understand how they work.

68

## FLOOR-STANDING STATIONS

EXAMPLE:  
**SANICUBIC 1 GR SE71.4 T**

1	2	3	4	5
TANK NAME	MOTORS	HYDRAULIC	PUMP NAME	ELECTRIC
SANICUBIC	1	I for wheel or GR for Grinder	Nothing	S for Single phase
	or 2	or VX for Vortex or SC for Single channel	or Reference Name	or T for three-phase

## UNDERGROUND STATIONS

EXAMPLE:  
**SANIFOS 2100 2 D GR ZFS71.2 T**

1	2	3	4	5	6	7
TANK NAME	VOLUME	MOTORS	MANHOLE	HYDRAULIC	PUMP NAME	ELECTRIC
SANIFOS	110	1	Nothing if A or B	GR for Grinder	SP for SANIPump	S for Single phase
	250					
	500					
	1300	2	or D	or VX for Vortex or DC for Dual Channel	Reference Name	T for three-phase
	2100					
	3100					

# DO YOU **PLAN** TO INSTALL A **PUMPING STATION**?

THE SOCIÉTÉ FRANÇAISE D'ASSAINISSEMENT IS HERE TO ASSIST



**1**  
COMPLETE THE  
attached form



**2**  
SCAN  
the page



**3**  
EMAIL  
TO:

export@sfa.fr

FOR TECHNICAL QUESTIONS  
&  
PUMPING PROJECTS PLEASE CONTACT US ON

export@sfa.fr

69

FLOOR-STANDING PUMPING STATION

PLEASE SELECT: ☐ a quote ☐ a sizing request

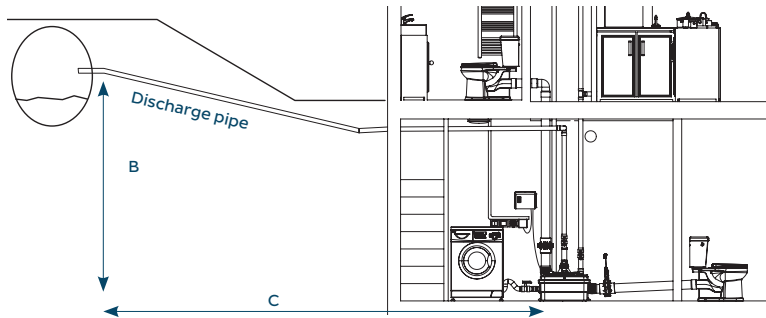
Your company: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Postcode: \_\_\_\_\_ City: \_\_\_\_\_

Phone: \_\_\_\_\_ Email address: \_\_\_\_\_



Project name / reference: \_\_\_\_\_

Estimated completion date: \_\_\_\_\_

Address: \_\_\_\_\_

Postcode: \_\_\_\_\_ City: \_\_\_\_\_

Number of units to be installed:

Toilet(s) \_\_\_\_\_ Washbasin/bidet(s) \_\_\_\_\_ Shower(s) \_\_\_\_\_ Bath(s) \_\_\_\_\_ Dishwasher \_\_\_\_\_ Washing machine \_\_\_\_\_ Sink \_\_\_\_\_ Floor drain \_\_\_\_\_

PROJECT DESCRIPTION

Number of users: \_\_\_\_\_ Number of pumps: ☐ 1 ☐ 2

Installation: ☐ Single phase ☐ Three phase      Type of water: ☐ clear ☐ grey ☐ waste ☐ rain

**Geometric height** (distance between the level of the drain and the lowest arrival point of the station)      **B:** \_\_\_\_\_ **m**

**Discharge pipe length** (distance between the station and the drain)      **C:** \_\_\_\_\_ **m**

**Number of angles at 90°:** \_\_\_\_\_ **at 45°:** \_\_\_\_\_

**Internal diameter of discharge pipe:** \_\_\_\_\_

PARTNER STAMP

Name: \_\_\_\_\_

First name: \_\_\_\_\_



UNDERGROUND PUMPING STATION

PLEASE SELECT: ☐ a quote ☐ a sizing request

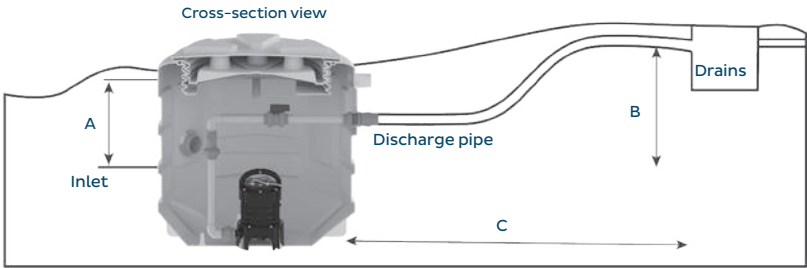
Your company: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Postcode: \_\_\_\_\_ City: \_\_\_\_\_

Phone: \_\_\_\_\_ Email address: \_\_\_\_\_



Project name / reference: \_\_\_\_\_

Estimated completion date: \_\_\_\_\_

Address: \_\_\_\_\_

Postcode: \_\_\_\_\_ City: \_\_\_\_\_

Number of units to be installed:

Toilet(s) \_\_\_\_\_ Washbasin/bidet (s) \_\_\_\_\_ Shower(s) \_\_\_\_\_ Bath(s) \_\_\_\_\_ Dishwasher \_\_\_\_\_ Washing machine \_\_\_\_\_ Sink \_\_\_\_\_ Floor drain \_\_\_\_\_

PROJECT DESCRIPTION

Number of users: \_\_\_\_\_ Number of pumps: ☐ 1 ☐ 2

Installation: ☐ Single phase ☐ Three phase      Type of water: ☐ clear ☐ grey ☐ waste ☐ rain

Installation site: ☐ in a green space ☐ under paving stones ☐ ground water present

**FEA** (distance between the ground and the station's lowest point)      **A:** \_\_\_\_\_ **m**

**Geometric height** (distance between the level of the drain and the lowest point of the station)      **B:** \_\_\_\_\_ **m**

**Discharge pipe length** (distance between the station and the drain)      **C:** \_\_\_\_\_ **m**

**Number of angles at 90°:** \_\_\_\_\_ **at 45°:** \_\_\_\_\_

**Internal diameter of discharge pipe:** \_\_\_\_\_

PARTNER STAMP

Name: \_\_\_\_\_

First name: \_\_\_\_\_







41 bis avenue Bosquet  
75007 Paris - France

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[export@sfa.fr](mailto:export@sfa.fr)