

# LIFTING STATIONS AND PUMPS



# WHAT'S NEW

1

## 100% RECYCLED TANK

The first French manufacturer to produce 100% of its tanks from recycled materials ♻️, all while maintaining the highest quality standards.



3

## MAXIREL

Maxirel Lifting Station complete with dual pump connection kit.

p. 105



## NEW PUMPS

Expansion of our pump range.  
Technirel DN50 to DN80.

p. 116



2

4

## CONCRETE KIT

New range DN50, 65 or DN80 on frame,  
semi-finished or bulk.

p. 111



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# TECHNIREL

FRENCH MANUFACTURER EXPERT IN LIFT STATIONS

## AN INNOVATIVE VISION OF INDIVIDUAL AND COLLECTIVE LIFT STATIONS

As an agile player in the French market for water (clear, waste, sewage...) lift solutions, our know-how and expertise in water lift enables us to innovate and offer ranges of water lift products that meet the different needs of our customers : **upgradability, simplicity and security.**

**Our ability to adapt** and our mastery of the different stages of production add value to the quality of our products and ensure the satisfaction of our professional customers.

**Doing as much as possible !** Over the years, Technirel has built its reputation on the fundamental principles that govern our approach to work.

**For over 30 years :** on-site customer training, transparency of our offers, responsive after-sales service in France, product performance and quality, advice and recommendations for every project.....we uphold the values of high standards and humanity, with the sole purpose of satisfying our customers and users.

## OUR VALUES

- Service spirit
- Professionalism
- Innovation
- Trust
- Human

## IN NUMBERS

**MORE THAN 2500**  
lift stations per year

**MORE THAN 1000 M<sup>2</sup>**  
of production

**3 PATENTS**  
and numerous innovations

**80%**  
of individual stations

**20%**  
of collective stations





# SUPPORT

## THE DEVELOPMENT AND GROWTH OF TECHNIREL

### IN 2024, WE ARE MOVING TO OUR NEW PREMISES

A collective company project initiated several years ago with the aim of **considerably increasing the overall surface area of our premises.**

An essential step to support the **development and growth of our company.**

### A large-scale, well-thought-out project :

- ▶ Storage capacity **multiplied by 4**
- ▶ A **new production unit** with improved infrastructure
- ▶ The integration of **advanced automation technologies**, improved connectivity and other technical benefits that **enhance operational efficiency**
- ▶ Optimised production organisation to **boost manufacturing performance**
- ▶ Special attention to the **comfort and well-being of employees** ( ergonomic offices , relaxation areas, green spaces ....)
- ▶ **Better accessibility**, close to major transport routes
- ▶ An **eco-responsible building** that is sensitive to our impact on the environment ( solar energy production, bat nests, water basin for biodiversity...)



# CHOOSING YOUR STATION

## IN 4 STEPS

Define the type of effluent to be discharged : sewage or clear water

1

### STEP 1 : The station

Choose your station according to your **water inlet thread. (WIT)** This information enables you to select the right lift station.

**WIT** : it corresponds to the depth of burial of the outlet pipe from your home to the entrance of your station



Guide bars



Connection kit

2

### STEP 2 : 1 or 2 pumps, connection kit or guide bars ?

Choice of 1 or 2 pumps (increased safety) - Assembled as a quick - connect kit (easier) or guide bars (simplified assembly and disassembly)

**Advice** : for deep stations, it is advisable to use guide bars to facilitate pump handling

3

### STEP 3 : Choosing a pump

To select your pump, you need to know the discharge length ( to the drain) and the height to be raised. Then, depending on your station, refer to the dedicated table for the choice of pump.

**Advice** : use the selection table to choose the right pump for your station and connection. Please note that each station has its own table.

	Longueur (m) en					
H (m)	10	20	30	40	50	60
15	GRI	GRI	GRI	GRI	GRI	GRI
14	GRI	GRI	GRI	GRI	GRI	GRI
13	GRI	GRI	GRI	GRI	GRI	GRI
12	GRI	GRI	GRI	GRI	GRI	GRI
11	GRI	GRI	GRI	GRI	GRI	GRI
10	GRI	GRI	GRI	GRI	GRI	GRI
9	414	GRI	GRI	GRI	GRI	GRI
8	414	414	414	414	414	414
7	414	414	414	414	414	414
6	414	414	414	414	414	414
5	408	408	408	408	414	414
4	408	408	408	408	408	408
3	408	408	408	408	408	408
2	408	408	408	408	408	408

4

### STEP 4 : The equipment

Tranquility box ( protection - alarm ) screen basket, vigirel GSM eco, Saniflex discharge pipe... Choose the equipment to optimise the operation of your installation and guarantee your peace of mind.

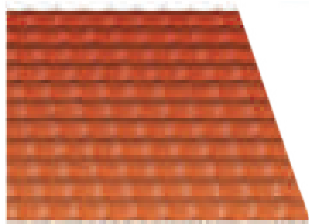
**Advice** : it is essentiel to secure your pumps ( tranquility box or thermal magnetic circuit breaker ) to avoid major damage



# SELECTION GUIDE

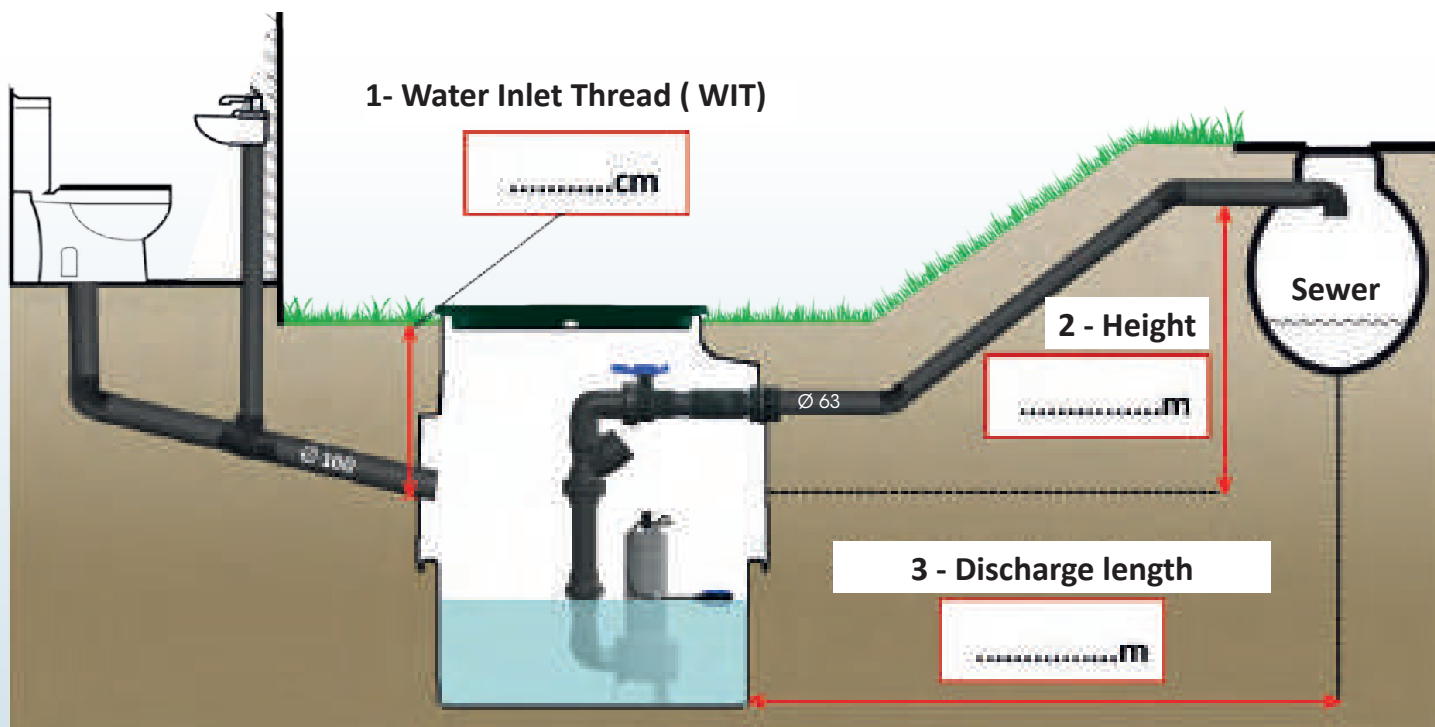
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## LET US GUIDE YOU



ACCOMMODATION  
(toilet, bathroom, kitchen...)

- STEP 1 : WATER INLET THREAD (WIT)
- STEP 2 : DISCHARGE HEIGHT
- STEP 3 : DISCHARGE LENGTH



2

## CONSULT OUR PRATICAL INFORMATION SHEETS

To help you choose the installation and use of your station, discover our **pratical information sheets** :

- ▶ Technirel's warranties p. 150
- ▶ Types of discharge p. 152
- ▶ Connection kit or guide bars p. 153
- ▶ Choice of passage diameter p. 154
- ▶ Dimensioning sheet to be completed p. 158



# SELECTION GUIDE

## SEWAGE STATIONS



LIFT STATIONS										PUMP COMPATIBILITY						
Lift stations		Volums (liters)	1 pump	2 pumps	WIT	Connection kit	Guide bars	Under-ground	Above ground	408	358	371	412	421	414	S09
MINIREL		40	✓						✓							
SANIREL 250		250	✓	✓	30 cm	✓	✓	✓	✓	✓	✓		✓		✓	✓
SANIREL 250 H110		340	✓	✓	60 cm	✓	✓	✓	✓	✓	✓		✓		✓	✓
SANIREL 420		420	✓	✓	60 cm	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
SANIREL 500		500	✓	✓	80 cm	✓	✓	✓	✓	✓	✓		✓		✓	✓
SANIREL 500 H180		590	✓	✓	110 cm	✓	✓	✓	✓	✓	✓				✓	✓
SANIREL 500 H210		680	✓	✓	140 cm	✓	✓	✓	✓	✓	✓				✓	✓
SANIREL 500 H240		770	✓	✓	170 cm	✓	✓			✓	✓				✓	✓

# SELECTION GUIDE


## CLEAR WATER LIFT STATIONS



LIFT STATIONS									PUMP COMPATIBILITY		
Lift stations		Volumes (liters)	1 pump	2 pumps	WIT	Connection kit	Under-ground	Above ground	DR1	BS2	BS4
SANIDRAIN IRRIDRAIN 250		250	✓	✓	30 cm	✓	✓	✓	✓	✓	✓
SANIDRAIN IRRIDRAIN 250 H110		340	✓	✓	50 cm	✓	✓	✓	✓	✓	✓
SANIDRAIN IRRIDRAIN 420		420	✓	✓	60 cm	✓	✓	✓	✓	✓	✓
SANIDRAIN IRRIDRAIN 500		500	✓	✓	100 cm	✓	✓	✓	✓	✓	✓
SANIDRAIN IRRIDRAIN 500 H180		590	✓	✓	130 cm	✓	✓	✓	✓	✓	✓
SANIDRAIN IRRIDRAIN 500 H210		680	✓	✓	160 cm	✓	✓	✓	✓	✓	✓
SANIDRAIN 500 H240		770	✓	✓	190 cm	✓	✓	✓	✓	✓	✓



Dear partners,

We are proud to be the **first French manufacturer to produce our tanks entirely from recycled materials** , without compromising on quality.

This is a significant step forward, a major challenge in our sector and an effective way of reducing our ecological footprint at our own level.

## 100 % RECYCLED TANK, WHAT'S THE DIFFERENCE?

1

### THE COULEUR OF THE TANK

From now on, our recycled tanks will be black (with a green lid). From a visual point of view, small imperfections may be visible ( recycled materials are not perfect) but this will not affect the quality and durability of our stations.

2

### THE PRICE

As part of our CSR approach, we have decided not to increase the price of our new tanks.

3

### OUR IMPACT

We no longer use pure high-density polyethylene. The thermoplastic material we do use comes solely from product recycling. In this way, we preserve reserves and limit the impact of the production chain on the environment.

4

### OUR COMMITMENT

This collective project is a source of pride for our company, and we want to involve everyone involved in making it a reality. Through our actions, we want to reduce our impact and help preserve our natural resources.

**Thank you for your confidence!**



In 2024  
Technirel will be the first manufacturer to produce

**100 % of its tanks in  
RECYCLED MATERIAL**

Technirel's commitment to the environment





# LIFT STATIONS

## INDIVIDUALS

SANIREL, SANIDRAIN, IRRIDRAIN AND SANIPLUIE



COMPLIES WITH  
EN 12050-2

COMPLIES WITH  
EN 12050-1

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL



# TECHNI PRATIK

## Lift stations << ready to install >>

To facilitate the installation of our lift stations, all our stations are pre-drilled with a Forsheda  $\varnothing$  100 in the factory.

### The benefits

- ▶ **Correct position of inlet pre-drilling** (right height, inlet opposite of the pump floats, adaptable with basket)
- ▶ **Easier to fit the inlet pipe**
- ▶ **Forsheda double lip seal**
- ▶ **Easy retrofitting of a screen basket** without modifications ( pre-installed hooks)





# LIFT STATION **SANIREL 420 EVO**

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS



COMPLIES WITH  
**EN 12050-1**

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • SEWAGE



# SANIREL 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS

simple  
pump



1

## PRESENTATION

**Innovative lift station for sewage (WC)** suitable for single-family homes or small collective use. Pre-assembled and pre-drilled, the station is ready to install ( in-ground or above-ground). It has a large **420 - litre volume** for added safety, and a pre-drilled water line at -60 cm (+ 3 free drilling zones). Upgradeable lift station for easy **upgrading from 1 to 2 pumps**.

## Product Benefits

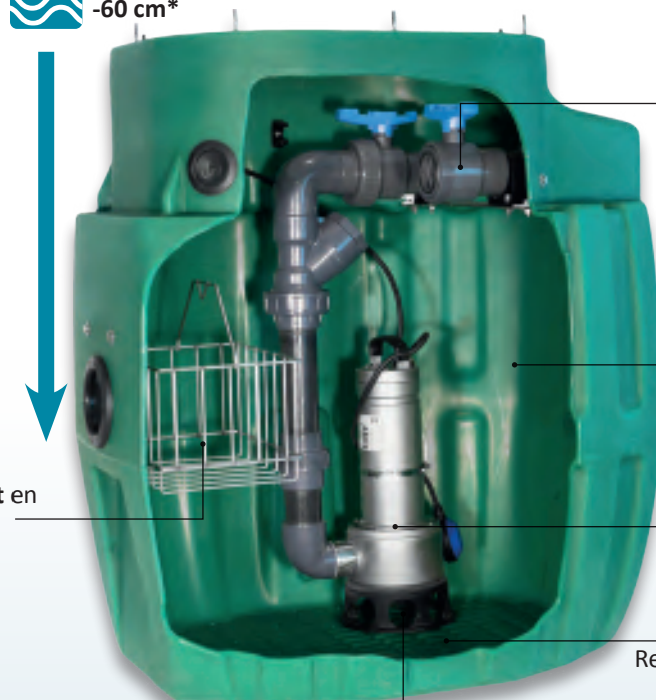
- ▶ Large volume
- ▶ Water Inlet Thread : large depth - 60 cm - 90 cm with extension
- ▶ Upgradeable from 1 to 2 pumps
- ▶ Removable basket without modification
- ▶ Warranty up to 4 years



Water Inlet Thread  
-60 cm\*



Screen basket en  
option



2nd valve,  
upgradeable  
2 pumps



Large volume  
420 litres

Vortex pump 50  
mm free passage

Reinforced base

Special strainer  
for sewage

COMPLIES WITH  
EN 12050-1



SIMPLE PUMP



DUAL PUMP

## Supplies

- Complete lift station ready to install
- Warning labels to stick on toilets
- Installation manual
- Stainless steel screws and bolts
- 1 Ø 63 mm duct passage

2

## TECHNICAL SPECIFICATIONS

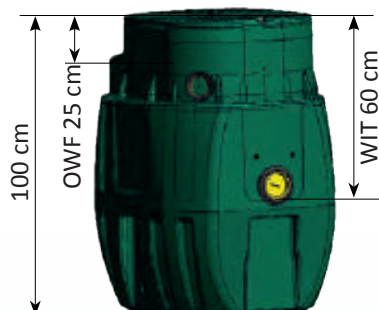
Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References				
				Pump 358	Pump 408	Pump 412	Pump 414	Pump S09
Sanirel 420 EVO 1 pump	100	420	60	003814	003658	003845	003670	004570

\* WIT : Water Inlet Thread - OWF : Outlet Water Flow

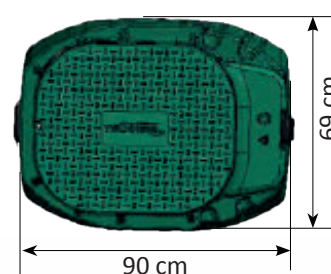
### Why upgrade to dual pumps?

- Back-up pump : in the event of failure of the 1<sup>st</sup> pump, the 2<sup>nd</sup> takes over automatically
- Alternation, two times less half the wear and tear for each pump
- Easy to use

Side view



Top view



### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m <sup>3</sup> /h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
358	Inox	Vortex	7.5	15	50mm	4.4	1.0	15	10 kg	40 kg
408	Inox	Vortex	9	24	50mm	5.3	1.1	22	14 kg	44 kg
412	Inox	Vortex	10.5	30	50mm	7	1.55	20	12 kg	42 kg
414	Inox	Vortex	14	24	50mm	10.4	2.4	30	14 kg	44 kg
S09	Inox/RVS	Grinder	18	12	NC	11,6	2,56	40	23 kg	53 kg

Discharge length (m) in Ø 63 mandatory except S09 pump possible in Ø 50

H (m)	10	20	30	40	50	70	100	150	200	300
15	S09	S09	S09	S09	S09	S09	NC	NC	NC	NC
14	S09	S09	S09	S09	S09	S09	S09	NC	NC	NC
13	S09	S09	S09	S09	S09	S09	S09	S09	NC	NC
12	S09	S09	S09	S09	S09	S09	S09	S09	S09	NC
11	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
10	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
9	412/414	S09	S09	S09	S09	S09	S09	S09	S09	S09
8	412/414	412/414	412/414	412/414	412/414	412/414	S09	S09	S09	S09
7	412/414	412/414	412/414	412/414	412/414	412/414	412/414	S09	S09	S09
6	412/414	412/414	412/414	412/414	412/414	412/414	412/414	412/414	S09	S09
5	358/408	358/408	358/408	358/408	412/414	412/414	412/414	412/414	412/414	S09
4	358/408	358/408	358/408	358/408	358/408	358/408	412/414	412/414	412/414	412/414
3	358/408	358/408	358/408	358/408	358/408	358/408	358/408	358/408	412/414	412/414
2	358/408	358/408	358/408	358/408	358/408	358/408	358/408	358/408	358/408	412/414
1	358/408	358/408	358/408	358/408	358/408	358/408	358/408	358/408	358/408	412/414

Choice of pumps with a 63 PVC pipe - 53 mm inside - flow rate 6m<sup>3</sup>/h for a water speed of 0.7 litres / sec.

N.C. Please consult us



# SANIREL 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS

simple  
pump



## 3 EQUIPMENT AND OPTIONS

### MINIMUM PROTECTION

#### THERMAL MAGNETO CIRCUIT BREAKER

Provides essential protection for the pump in the event of blockage

4 - 6,3A - Ref : 000254

6,3 - 10A - Ref : 000255



### RECOMMENDED PROTECTION

#### TRANQUILITY BOX

Pump protection

High level alarm

Over-intensity alarm

Alarm forwarding

Buzzer + indicator light

Easy to plug directly into an electrical socket

Upgradeable to 2 pumps included (EVO key inside the box)

Ref : 003665



#### DISCHARGE PIPE SANIFLEX

High-quality product for sewage discharge (Ø 63)

25m - Ref : 000263

50m - Ref : 000264



#### SCREEN BASKET

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)

Ref : 003679



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### QUICK CONNECTION KIT

358 - Ref : 003853

408 - Ref : 003676

412 - Ref : 003855

414 - Ref : 003707

S09 - Ref : 004569



#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

##### Pump alone

20m - Ref : 002313

30m - Ref : 002567

##### Pump + floater

20m - Ref : 004154

30m - Ref : 004155



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212



# LIFT STATION **SANIREL 420 EVO**

## CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS



**NEW**



COMPLIES WITH  
**EN 12050-1**

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • SEWAGE

# SANIREL 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS

simple  
pump



1

## PRESENTATION

**Innovative lift station for sewage (WC)** suitable for single-family homes or small collective use. Pre-assembled and pre-drilled, the station is ready to install ( in-ground or above-ground). It has a large **420 - litre volume** for added safety, and a pre-drilled water line at -60 cm (+ 3 free drilling zones). Upgradeable lift station for **easy upgrading from 1 to 2 pumps**.

## Product Benefits

- ▶ Large volume
- ▶ Water Inlet Thread : large depth - 60 cm - 90 cm with extension
- ▶ Upgradeable from 1 to 2 pumps
- ▶ Removable basket without modification
- ▶ Warranty up to 4 years



Water Inlet Thread  
-60 cm\*



2nd valve  
upgradeable  
2 pumps



Large volume  
420 liters

Screen basket  
optional

Reinforced bottom



COMPLIES WITH  
EN 12050-1

## Supplies

- Complete lift station ready to install
- Warning labels to stick on toilets
- Installation manual
- 1 Ø 63 mm duct passage

### INLET :

- Ø 100 lip seal as standard and/or 3 zones of free drilling
- Lip seal for Ø 100 ventilation (optional)

### OUTPUT :

- Ø 63 PVC F
- Ø 63 2" threaded end supplied

				References			
Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	Pump 371	Pump 421	Pump S09	Pump FL15
Sanirel 420 EVO 1 PUMP	100	420	60	005320	005402	004570	005364

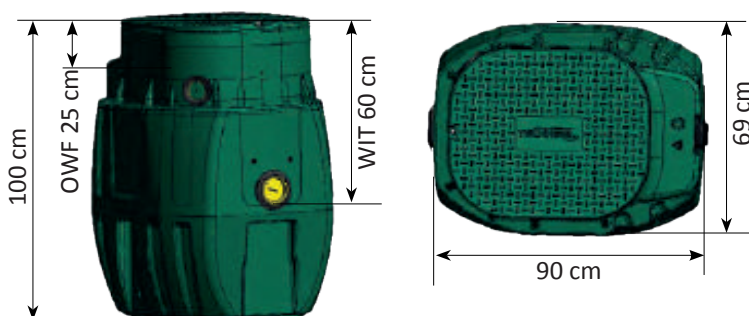
\*WIT : Water Inlet Thread

2

## TECHNICAL SPECIFICATIONS

Side view

Top view



### Why upgrade to dual pumps?

- ▶ Back-up pump : in the event of failure of the 1<sup>st</sup> pump, the 2<sup>nd</sup> takes over automatically
- ▶ Alternation, two times less half the wear and tear for each pump
- ▶ Easy to use

Pump selection table

Pumps	Constr.	Wheel	GGH max m	Q max m <sup>3</sup> /h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
371	RVS/Inox	Vortex	8	18,8	50 mm	4,2	0,91	16	14,8 kg	40 kg
421	RVS/Inox	Vortex	11,2	28,3	50 mm	7,2	1,5	20	15,4 kg	41 kg
S09	RVS/Inox	Grinder	18	12	-	11,6	2,56	40	23 kg	48 kg
FL15	RVS/Inox	Grinder	24	40	-	8,44	1,93	40	23 kg	48 kg

Discharge length (m) in Ø 63 mandatory except S09 pump possible in Ø 50

H (m)	10	20	30	40	50	70	100	150	200	300
25	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
24	FL15	NC	NC	NC	NC	NC	NC	NC	NC	NC
23	FL15	FL15	FL15	FL15	FL15	FL15	NC	NC	NC	NC
22	FL15	FL15	FL15	FL15	FL15	FL15	FL15	NC	NC	NC
21	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	NC	NC
20	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	NC
19	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
18	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
17	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
16	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
15	S09	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
14	S09	S09	S09	S09	S09	S09	FL15	FL15	FL15	FL15
13	S09	S09	S09	S09	S09	S09	S09	FL15	FL15	FL15
12	S09	S09	S09	S09	S09	S09	S09	S09	FL15	FL15
11	S09	S09	S09	S09	S09	S09	S09	S09	S09	FL15
10	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
9	421	S09	S09	S09	S09	S09	S09	S09	S09	S09
8	421	421	421	421	421	421	S09	S09	S09	S09
7	421	421	421	421	421	421	421	S09	S09	S09
6	421	421	421	421	421	421	421	421	S09	S09
5	371	371	371	371	421	421	421	421	421	S09
4	371	371	371	371	371	371	421	421	421	421
3	371	371	371	371	371	371	371	371	421	421
2	371	371	371	371	371	371	371	371	371	421
1	371	371	371	371	371	371	371	371	371	421



FL15



S09



421



371

NC : Please consult us

# SANIREL 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS

simple  
pump



3

## EQUIPMENT AND OPTIONS

### MINIMUM PROTECTION

#### THERMAL MAGNETO CIRCUIT BREAKER

Provides essential protection in the event of blockage

4 - 6,3A - Ref : 000254

6,3 - 10A - Ref : 000255



### RECOMMENDED PROTECTION

#### TRANQUILITY BOX

Protection PUMP

High level alarm

Over-intensity alarm

Alarm forwarding

Buzzer + indicator light

Easy to plug directly into an electrical socket

Upgradeable to 2 pumps included (EVO key inside the box)

Ref : 003665



#### DISCHARGE PIPE SANIFLEX

High-quality product for sewage discharge (Ø 63)

25m - Ref : 000263

50m - Ref : 000264



#### SCREEN BASKET

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)

Ref : 003679



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### QUICK CONNECTION KIT

371 - Ref : 005420

421 - Ref : 005421

S09 - Ref : 004569

FL15 - Ref : 005390



#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Pump alone

20m - Ref : 002313

30m - Ref : 002567

Pump + floater

20m - Ref : 004154

30m - Ref : 004155



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212



# LIFT STATION **SANIREL 250/500V** CONNECTION KIT 1 PUMP



**SANIREL 250**  
CONNECTION KIT



**SANIREL 500V**  
CONNECTION KIT

**COMPLIES WITH  
EN 12050-1**

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • SEWAGE

# SANIREL 250/500V

## CONNECTION KIT 1 PUMP

simple  
pump



1

## PRESENTATION

**Sewage lift station for single-family homes** or small collective use.

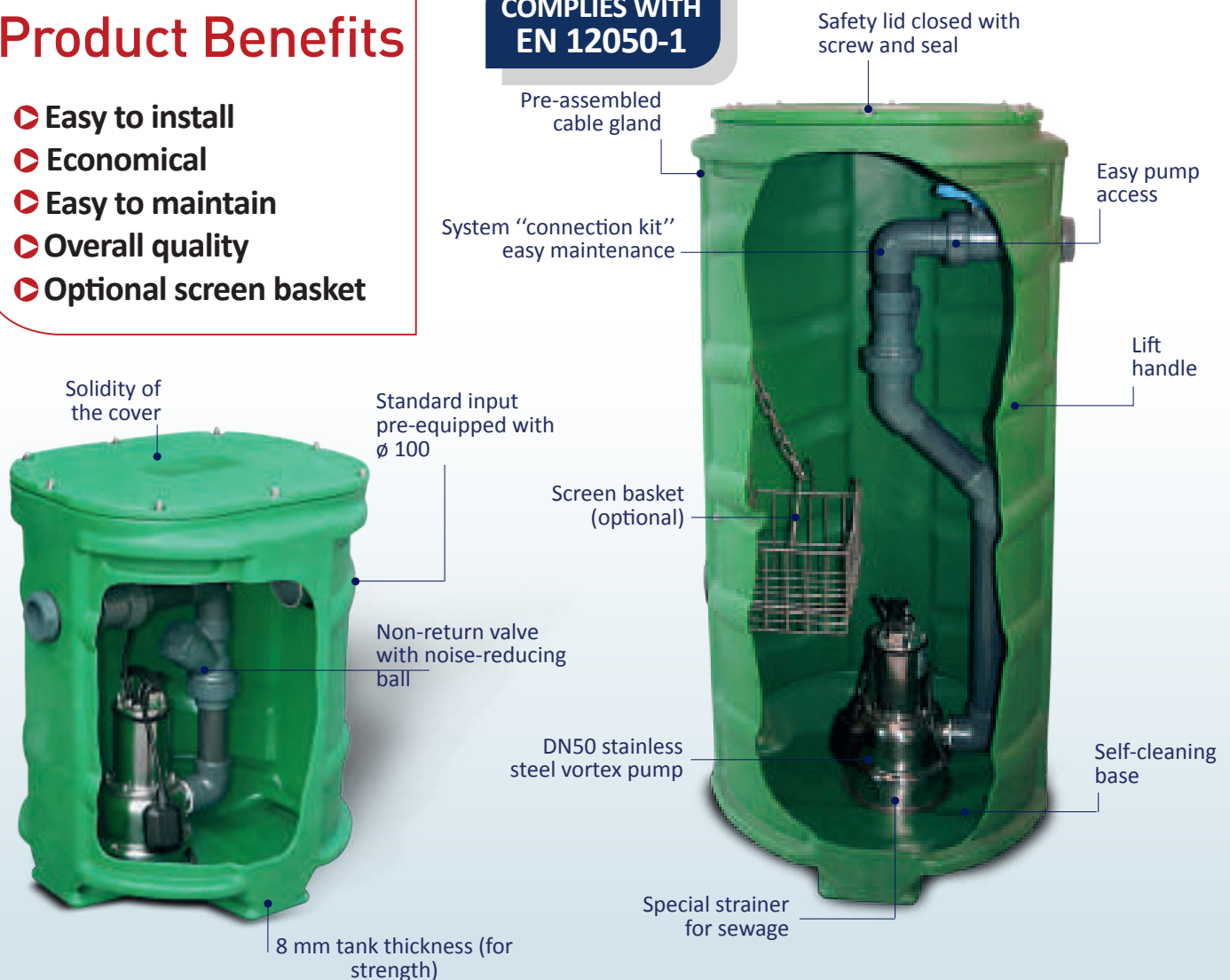
Fitted with a quick-connect kit for easy pump assembly/disassembly/maintenance. The station is ready to install **underground or above ground**.

The SANIREL 500 V lift station is preferable for a **deep water course**.

## Product Benefits

- ▶ Easy to install
- ▶ Economical
- ▶ Easy to maintain
- ▶ Overall quality
- ▶ Optional screen basket

COMPLIES WITH  
EN 12050-1



## Supplies

- Complete lift station ready to install
- Warning labels to be stuck on toilets
- Installation manual
- Stainless steel screws and bolts
- Preassembled cable glands
- Non-return valve

### INLET :

- Lip seal  $\varnothing$  100 stand
- Lip seal for ventilation  $\varnothing$  50 or  $\varnothing$  100 (optional)

### OUTPUT :

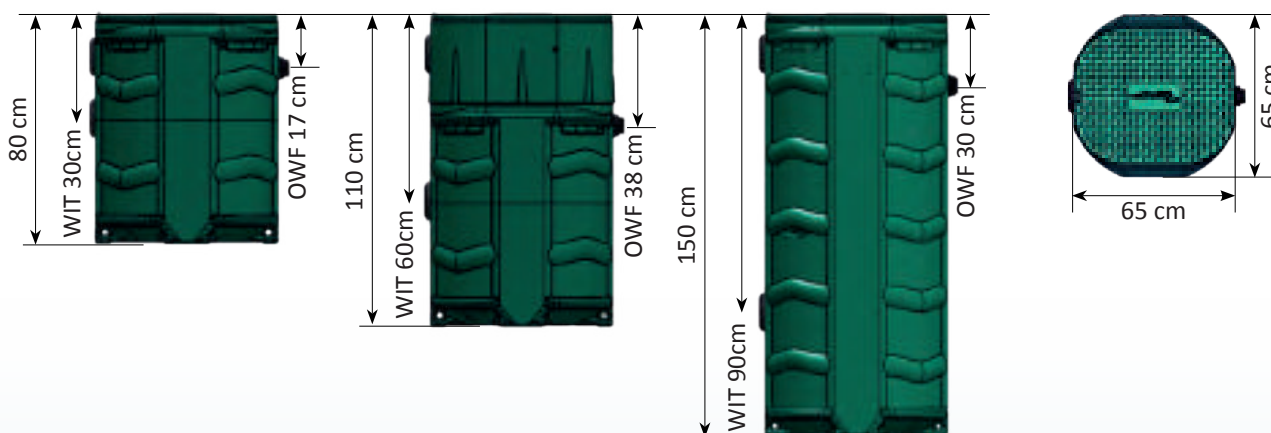
- $\varnothing$  63 PVC F
- $\varnothing$  63 2" threaded end supplied
- 1 m flexible hose kit for discharge (optional)

2

## TECHNICAL SPECIFICATIONS

Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References		
				Pump 358	Pump 412	Pump S09
Sanirel 250 – H80	80	250	30	001687	001688	004796
Sanirel 250 – H110	110	340	60	001690	001691	004799
Sanirel 500V – H150	150	500	90	000861	000864	-

\*WIT : Water Inlet Thread



### Pump selection table

Pumps	Constr.	Wheel	GH max (m)	Q max (m³/h)	Free passage	Tension	Int. (A)	P1 (kW)	Cond. µ	Weight (kg)
358	Inox	Vortex	7.5	20	50 mm	1-230V	4.40	1.00	14	9.6
412	Inox	Vortex	10.5	30	50 mm	1-230V	7.00	1.55	20	11.7
S09	Inox/RVS	Grinder	18.0	12	NC	1-230V	11.60	2.56	40	23.0

Discharge length (m) in ø 63 mm mandatory except S09 pump possible in ø 50 mm

H (m)	10	20	30	40	50	70	100	150	200	300
15	S09	S09	S09	S09	S09	S09	NC	NC	NC	NC
14	S09	S09	S09	S09	S09	S09	S09	NC	NC	NC
13	S09	S09	S09	S09	S09	S09	S09	S09	NC	NC
12	S09	S09	S09	S09	S09	S09	S09	S09	S09	NC
11	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
10	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
9	412	S09	S09	S09	S09	S09	S09	S09	S09	S09
8	412	412	412	412	412	412	S09	S09	S09	S09
7	412	412	412	412	412	412	412	S09	S09	S09
6	412	412	412	412	412	412	412	412	S09	S09
5	358	358	358	358	412	412	412	412	412	S09
4	358	358	358	358	358	358	412	412	412	412
3	358	358	358	358	358	358	358	358	412	412
2	358	358	358	358	358	358	358	358	358	412
1	358	358	358	358	358	358	358	358	358	412

Choice of pumps with a 63 PVC pipe - 53 mm inside - flow rate 6m³/h for a water speed of 0.7 l/sec



S09



412



358

# SANIREL 250/500V

## CONNECTION KIT 1 PUMP

simple  
pump



3

## EQUIPMENT AND OPTIONS

### MINIMUM PROTECTION

#### THERMAL MAGNETO CIRCUIT BREAKER

Provides essential protection for the pump in the event of blockage

4 - 6,3A - Ref : 000254

6,3 - 10A - Ref : 000255



### RECOMMENDED PROTECTION

#### TRANQUILITY BOX

Protection PUMP

High level alarm with floater kit

Over-intensity alarm

Alarm forwarding  
Buzzer + indicator light  
Easy to plug directly into a power socket

Station 250 - Ref : 004182

Station 500V - Ref : 004184



#### DISCHARGE PIPE SANIFLEX

High-quality product for sewage discharge (Ø 63)

25m - Ref : 000263

50m - Ref : 000264



#### SCREEN BASKET

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)

Sanirel 500V - Ref : 000580



Sanirel 250 - Ref : 000279



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### SEALED CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable

Ref : 000492



#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Pump alone

20m - Ref : 002313

30m - Ref : 002567



Pump + floater

20m - Ref : 003765

30m - Ref : 005008

#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212



# LIFT STATION

# **SANIREL 250/500V**

## GUIDE BAR 1 PUMP



INDIVIDUAL



TOILETS



**SANIREL 250 1 PUMP  
GUIDE BAR**



**SANIREL 500V 1 PUMP  
GUIDE BAR**

**COMPLIES WITH  
EN 12050-1**

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • SEWAGE

# SANIREL 250/500V

## GUIDE BAR 1 PUMP

simple  
pump



1

## PRESENTATION

Sewage lift station for **single-family homes or small collective use**.

Fitted with a **guide bar for easy pump assembly/disassembly/maintenance**, the station is ready to install, either in-ground or above-ground.

The Sanirel 500 V lift station is the **preferred choice for a deep water course**.

## Product Benefits

- Easy to install
- Economical
- Easy to maintain
- Overall quality
- Optional screen basket

COMPLIES WITH  
EN 12050-1



## Supplies

- Complete lift station ready to install
- Warning labels to be stuck on toilets
- Installation manual
- Stainless steel screws and bolts
- Preassembled cable glands
- Non-return valve

### INLET :

- Lip seal  $\varnothing$  100 stand
- Lip seal for ventilation  $\varnothing$  50 or  $\varnothing$  100 (optional)

### OUTPUT :

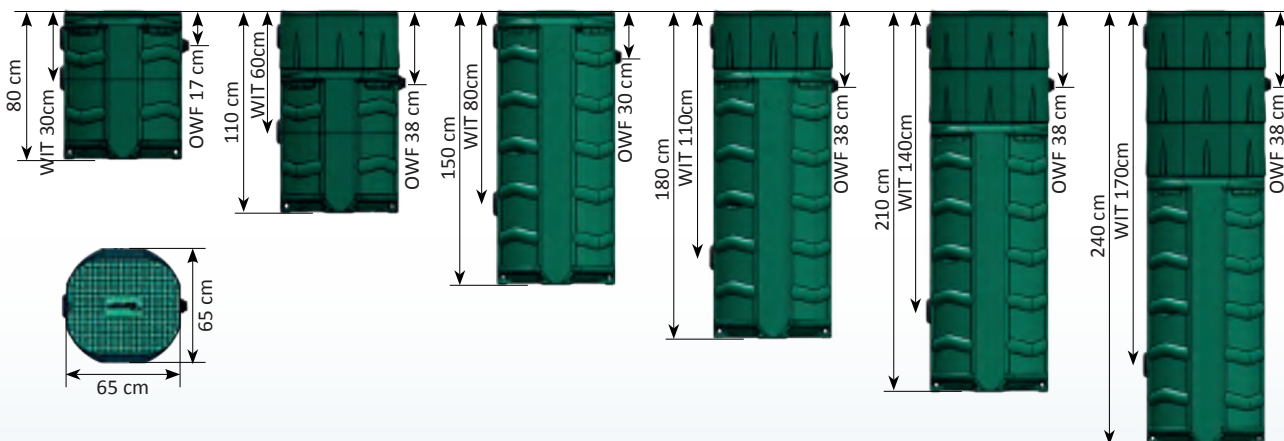
- $\varnothing$  63 PVC F
- $\varnothing$  63 2" threaded end supplied
- 1 m flexible hose kit for discharge (optional)

2

## TECHNICAL SPECIFICATIONS

\*WIT : Water Inlet Thread - GB : Guide bars

Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References		
				Pump 408	Pump 414	Pump S09
Sanirel 250 – H80 GB	80	250	30	002086	002192	-
Sanirel 250 – H110 GB	110	340	60	002194	002195	004798
Sanirel 500V – H150 GB	150	500	80	002180	002196	004781
Sanirel 500V – H180 GB	180	590	110	002220	002198	004785
Sanirel 500V – H210 GB	210	680	140	002219	002202	004786
Sanirel 500V – H240 GB	240	770	170	002221	002203	004787



### Pump selection table

Pumps	Constr.	Wheel	GH max (m)	Q max (m³/h)	Free passage	Tension	Int. (A)	P1 (kW)	Cond. μ	Weight (kg)
408	Inox	Vortex	7.7	24	50 mm	1-230V	5.30	0.75*	22	14.0
414	Inox	Vortex	14.0	24	50 mm	1-230V	10.40	2.40	30	13.5
S09	Inox/RVS	Grinder	18	12	NC	1-230V	11.6	2.56	40	23

\*P2

Discharge length (m) in ø 63 mm mandatory except S09 pump possible in ø 50 mm

H (m)	10	20	30	40	50	70	100	150	200	300
15	S09	S09	S09	S09	S09	S09	NC	NC	NC	NC
14	S09	S09	S09	S09	S09	S09	S09	NC	NC	NC
13	S09	S09	S09	S09	S09	S09	S09	S09	NC	NC
12	S09	S09	S09	S09	S09	S09	S09	S09	S09	NC
11	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
10	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
9	414	S09	S09	S09	S09	S09	S09	S09	S09	S09
8	414	414	414	414	414	414	S09	S09	S09	S09
7	414	414	414	414	414	414	414	S09	S09	S09
6	414	414	414	414	414	414	414	414	S09	S09
5	408	408	408	408	414	414	414	414	414	S09
4	408	408	408	408	408	408	414	414	414	414
3	408	408	408	408	408	408	408	408	414	414
2	408	408	408	408	408	408	408	408	408	414
1	408	408	408	408	408	408	408	408	408	414

NC : Please consult us

Choice of pumps with a 63 PVC pipe - 53 mm inside - flow rate 6m³/h for a water speed of 0.7 l/sec



# SANIREL 250/500V

## GUIDE BAR 1 PUMP

simple  
pump



3

## EQUIPMENT AND OPTIONS

### MINIMUM PROTECTION

#### Thermal magnetO Circuit breaker

Provides essential protection for the pump in the event of blockage



4 - 6,3A - Ref : 000254

6,3 - 10A - Ref : 000255

### RECOMMENDED PROTECTION



#### TRANQUILITY BOX

Protection PUMP

High level alarm

with floater kit

Over-intensity alarm

Alarm forwarding

Buzzer + indicator light

Easy to plug directly into a power socket

Station 250 - Ref : 004181

Station 500V - Ref : 004184

#### DISCHARGE PIPE SANIFLEX

High-quality product for sewage discharge (Ø 63)

25m - Ref : 000263

50m - Ref : 000264



#### SCREEN BASKET

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)



Sanirel 250 - Ref : 000279



Sanirel 500V - Ref : 000580

#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### SEALED CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable

Ref : 000492



#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Pump alone

20m - Ref : 002313

30m - Ref : 002567



Pump + floater

20m - Ref : 003765

30m - Ref : 004008

#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212

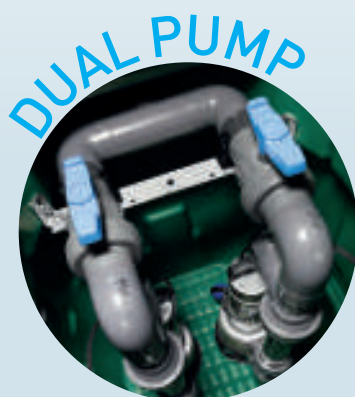
# LIFT STATION

## SANIREL 420 DUAL

### CONNECTION KIT 2 PUMPS



LIFT STATION • INDIVIDUAL • SEWAGE



COMPLIES WITH  
EN 12050-1

DESIGNED AND MANUFACTURED IN FRANCE

# SANIREL 420 DUAL

## CONNECTION KIT 2 PUMPS

dual  
pump



1

### PRESENTATION

Innovative lift station for sewage (WC) suitable for **single-family homes or small collective use**. Pre-assembled and pre-drilled, the station is **ready to install** ( in-ground or above-ground). It has a large **420 - litre volume** for added safety, and a pre-drilled water line at -60 cm (+ 3 free drilling zones). Lift station equipped with **dual pumps** (alternating cycle operation) for **ease of use**

### Product Benefits

- Large volume
- WIT large depth 60 cm - 90 cm with extension
- Removable basket without modification
- Warranty for up to 5 years
- Extremely easy to install

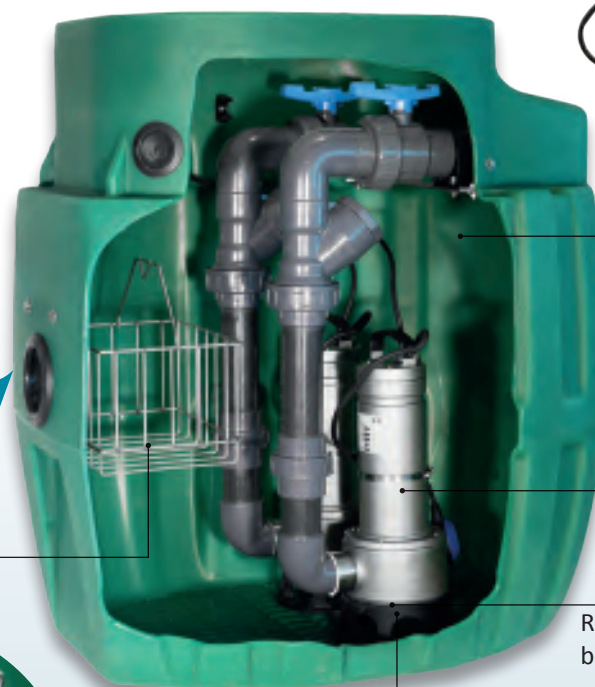


Water Inlet Thread  
-60 cm\*

Alarm and management  
protection box



Large volume  
420 litres



Vortex pump 50  
mm free passage

Reinforced  
bottom

Special strainer for  
sewage

Screen basket en  
optional



DUAL PUMP

COMPLIES WITH  
EN 12050-1

### Supplies

- Station + tranquility box + 2 pumps
- Complete lift station ready to install
- Warning labels to stick on toilets
- Installation manual
- Stainless steel screws and bolts
- 1 Ø 63 mm duct passage

#### INLET :

- Ø 100 lip seal as standard and/or 3 zones of free drilling
- Lip seal for ventilation Ø 50 or Ø 100 ( optional)

#### OUTPUT :

- Ø 63 PVC F
- Ø 63 2" threaded end supplied



2

## TECHNICAL SPECIFICATIONS

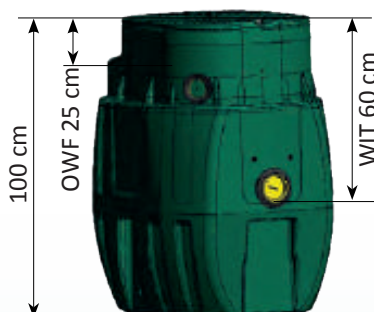
Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References				
				Pump 358	Pump 408	Pump 412	Pump 414	Pump S09
Sanirel 420 DUAL 2 pumps	100	420	60	003815	003672	003846	003673	004571

\*WIT : Water Inlet Thread

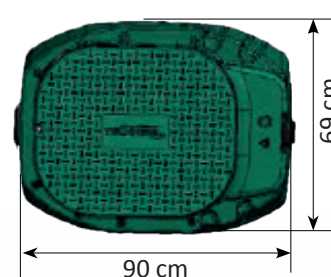
### Why upgrade to dual pumps?

- Back-up pump : in the event of failure of the 1<sup>st</sup> pump, the 2<sup>nd</sup> takes over automatically
- Alternation, two times less half the wear and tear for each pump
- Easy to use

Side view



Top view



### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m³/h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
358	Inox	Vortex	7.5	15	50mm	4.4	1.0	15	10 kg	40 kg
408	Inox	Vortex	9	24	50mm	5.3	1.1	22	14 kg	44 kg
412	Inox	Vortex	10.5	30	50mm	7	1.55	20	12 kg	42 kg
414	Inox	Vortex	14	24	50mm	10.4	2.4	30	14 kg	44 kg
S09	Inox/RVS	Grinder	18	12	NC	11,6	2,56	40	23 kg	53 kg

Discharge length (m) in Ø 63 mandatory except S09 pump possible in Ø 50

H (m)	10	20	30	40	50	70	100	150	200	300
15	S09	S09	S09	S09	S09	S09	NC	NC	NC	NC
14	S09	S09	S09	S09	S09	S09	S09	NC	NC	NC
13	S09	S09	S09	S09	S09	S09	S09	S09	NC	NC
12	S09	S09	S09	S09	S09	S09	S09	S09	S09	NC
11	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
10	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
9	412/414	S09	S09	S09	S09	S09	S09	S09	S09	S09
8	412/414	412/414	412/414	412/414	412/414	412/414	S09	S09	S09	S09
7	412/414	412/414	412/414	412/414	412/414	412/414	412/414	S09	S09	S09
6	412/414	412/414	412/414	412/414	412/414	412/414	412/414	412/414	S09	S09
5	358/408	358/408	358/408	358/408	412/414	412/414	412/414	412/414	412/414	S09
4	358/408	358/408	358/408	358/408	358/408	358/408	412/414	412/414	412/414	412/414
3	358/408	358/408	358/408	358/408	358/408	358/408	358/408	358/408	412/414	412/414
2	358/408	358/408	358/408	358/408	358/408	358/408	358/408	358/408	358/408	412/414
1	358/408	358/408	358/408	358/408	358/408	358/408	358/408	358/408	358/408	412/414

Choice of pumps with a 63 PVC pipe - 53 mm inside - flow rate 6m³/h for a water speed of 0.7 l/sec



# SANIREL 420 DUAL

## CONNECTION KIT 2 PUMPS

dual  
pump



3

### EQUIPMENT AND OPTIONS

#### DISCHARGE PIPE SANIFLEX

High-quality product for sewage discharge (Ø 63)



25m - Ref : 000263

50m - Ref : 000264

#### SCREEN BASKET

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)



Ref : 003679

#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible



Ref : 000284

#### QUICK CONNECTION KIT



358 - Ref : 003853

408 - Ref : 003676

412 - Ref : 003855

414 - Ref : 003707

S09 - Ref : 004569

#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables



Pump + floater

20m - Ref : 003782

30m - Ref : 003968

#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station



Ref : 002214

Ref : 002212

#### VIGIREL GSM 4G ALARM

Immediate SMS alert to warn of a malfunction. Very easy to install and configure

Ref : 003577



# LIFT STATION

## SANIREL 420 DUAL

### CONNECTION KIT 2 PUMPS

**NEW**



COMPLIES WITH  
EN 12050-1

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • SEWAGE

# SANIREL 420 DUAL

## CONNECTION KIT 2 PUMPS

dual  
pump



1

## PRESENTATION

Innovative lift station for sewage (WC) suitable for **single-family homes or small collective use**. Pre-assembled and pre-drilled, the station is ready to install (in-ground or above-ground). It has a large **420 - litre volume** for added safety, and a pre-drilled water line at -60 cm (+ 3 free drilling zones).

Lift station equipped with **dual pumps (alternating cycle operation)** for ease of use

## Product Benefits

- Large volume
- WIT large depth 60 cm - 90 cm with extension
- Removable basket without modification
- Warranty for up to 5 years
- Extremely easy to install
- Protection box

Alarm and management  
protection box



Water Inlet Thread  
-60 cm\*



Large volume  
420 liters

Pump Vortex  
50 mm free passage

Reinforced base

Special strainer for  
sewage

COMPLIES WITH  
EN 12050-1

DUAL PUMP



Screen basket  
optional

## Supplies

- Station + tranquility box + 2 pumps
- Complete lift station ready to install
- Warning labels to stick on toilets
- Installation manual
- 1 Ø 63 mm duct passage

### INLET :

- Ø 100 lip seal as standard and/or 3 zones of free drilling
- Lip seal for Ø 100 ventilation (optional)

### OUTPUT :

- Ø 63 PVC F
- Ø 63 2" threaded end supplied

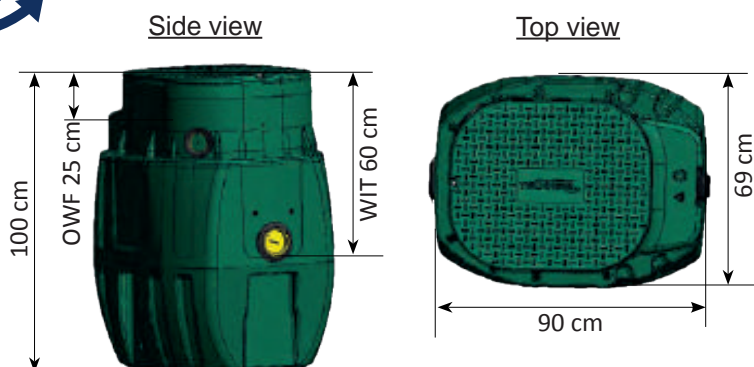
				References			
Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	Pump 371	Pump 421	Pump S09	Pump FL15
Sanirel 420 DUAL pump	100	420	60	005322	005403	004571	004874

\*WIT : Water Inlet Thread



2

## TECHNICAL SPECIFICATIONS



### Why upgrade to dual pumps?

- ▶ Back-up pump : in the event of failure of the 1<sup>st</sup> pump, the 2<sup>nd</sup> takes over automatically
- ▶ Alternation, two times less half the wear and tear for each pump
- ▶ Easy to use

Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m <sup>3</sup> /h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
371	RVS/Inox	Vortex	8	18,8	50 mm	4,2	0,91	16	14,8 kg	40 kg
421	RVS/Inox	Vortex	11,2	28,3	50 mm	7,2	1,5	20	15,4 kg	41 kg
S09	RVS/Inox	Grinder	18	12	-	11,6	2,56	40	23 kg	48 kg
FL15	RVS/Inox	Grinder	24	40	-	8,44	1,93	40	23 kg	48 kg

Discharge length (m) in Ø 63 mandatory except S09 pump possible in Ø 50

H (m)	10	20	30	40	50	70	100	150	200	300
25	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
24	FL15	NC	NC	NC	NC	NC	NC	NC	NC	NC
23	FL15	FL15	FL15	FL15	FL15	FL15	NC	NC	NC	NC
22	FL15	FL15	FL15	FL15	FL15	FL15	FL15	NC	NC	NC
21	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	NC	NC
20	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	NC
19	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
18	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
17	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
16	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
15	S09	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
14	S09	S09	S09	S09	S09	S09	FL15	FL15	FL15	FL15
13	S09	S09	S09	S09	S09	S09	S09	FL15	FL15	FL15
12	S09	S09	S09	S09	S09	S09	S09	S09	FL15	FL15
11	S09	S09	S09	S09	S09	S09	S09	S09	S09	FL15
10	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
9	421	S09	S09	S09	S09	S09	S09	S09	S09	S09
8	421	421	421	421	421	421	S09	S09	S09	S09
7	421	421	421	421	421	421	421	S09	S09	S09
6	421	421	421	421	421	421	421	421	S09	S09
5	371	371	371	371	421	421	421	421	421	S09
4	371	371	371	371	371	371	421	421	421	421
3	371	371	371	371	371	371	371	371	421	421
2	371	371	371	371	371	371	371	371	371	421
1	371	371	371	371	371	371	371	371	371	421



NC : Please consult us

# SANIREL 420 DUAL

## CONNECTION KIT 2 PUMPS

dual  
pump



3

### EQUIPMENT AND OPTIONS

#### DISCHARGE PIPE SANIFLEX

High quality product for sewage discharge (ø 63)



25m - Ref : 000263

50m - Ref : 000264

#### SCREEN BASKET

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)



Ref : 003679

#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible



Ref : 000284

#### QUICK CONNECTION KIT



371 - Ref : 005420

421 - Ref : 005421

S09 - Ref : 004569

FL15 - Ref : 005390

#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables



Pump + floater

20m - Ref : 003782

30m - Ref : 003968

#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station



Ref : 002214

Ref : 002212

#### Vigirel battery - powered alarm

High-level monitoring unit operating on 220 V and also battery - backed

Ref : 000235



#### GSM ALARM FORWARDING

Immediate SMS alert to warn of a malfunction. Very easy to install and configure

Ref : 003657



# LIFT STATION

## **SANIREL 500V**

### CONNECTION KIT 2 PUMPS



**SANIREL 500V 2 PUMPS  
CONNECTION KIT**



**COMPLIES WITH  
EN 12050-1**

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • SEWAGE

# SANIREL 500V

## CONNECTION KIT 2 PUMPS

dual  
pump



1

### PRESENTATION

**Innovative lift station for sewage (WC)** suitable for single-family homes or small collective use. Fitted with a **quick connection kit for easy assembly / disassembly / maintenance** of the pumps, the station is ready to install underground or above ground.

The SANIREL 500 V lift station is the preferred choice for a **deep water course**.

Lift station equipped with **dual pumps (alternating cycle operation)** for ease of use.

### Product Benefits

- Easy to install
- Easy to maintain
- Quick connection kit
- Integrated valves
- Simple and economical
- Optional screen basket



Pump alternation,  
mutual back-up, alarm  
control box

COMPLIES WITH  
EN 12050-1



Safety lid  
closed with  
screw and  
seal

Check-valves with  
noise-reducing ball

Connection kit  
bar system  
Easy  
maintenance

Can be completely  
disassembled

Inclined tank  
bottom

Special pumps for  
waste water

### Supplies

- Complete lift station ready to install
- Warning labels to stick on toilets
- Installation manual
- Stainless steel screws and bolts
- Pre-assembled cable glands
- 2 non-return valves and 2 valves

#### INLET :

- Lip seal  $\varnothing$  100 stand
- Lip seal for ventilation  $\varnothing$  50 or  $\varnothing$  100 ( optional)
- 2 Lip seals  $\varnothing$  50 for pumps and floats housing

#### OUTPUT :

- $\varnothing$  63 PVC F
- $\varnothing$  63 2" threaded end supplied
- 1 m flexible hose kit for discharge ( optional )

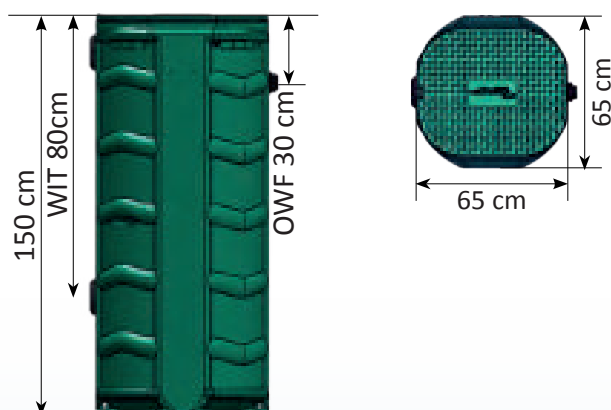


2

## TECHNICAL SPECIFICATIONS

Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References	
				Pump 408	Pump 414
Sanirel 500V – H150	150	500	80	000986	002206

\*WIT : Water Inlet Thread



### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m <sup>3</sup> /h	Free passage	Tension	Int (A)	P1 (kW)	Cond. μ	Weight pump
408	Inox	Vortex	7.7	24	50mm	1-230V	5.3	0.75*	22	14 kg
414	Inox	Vortex	14	24	50mm	1-230V	10.4	2.4	30	14 kg

\*p2

Discharge length (m) in Ø 63 mandatory except S09 pump possible in Ø 50

H (m)	10	20	30	40	50	70	100	150	200	300
15	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
14	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
13	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
12	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
11	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
10	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
9	414	NC	NC	NC	NC	NC	NC	NC	NC	NC
8	414	414	414	414	414	414	NC	NC	NC	NC
7	414	414	414	414	414	414	414	NC	NC	NC
6	414	414	414	414	414	414	414	414	NC	NC
5	408	408	408	408	414	414	414	414	414	NC
4	408	408	408	408	408	408	414	414	414	414
3	408	408	408	408	408	408	408	408	414	414
2	408	408	408	408	408	408	408	408	408	414
1	408	408	408	408	408	408	408	408	408	414

NC : Please consult us  
Choice of pumps with a 63 PVC pipe - 53 mm inside - flow rate 6m<sup>3</sup>/h for a water speed of 0.7 l/sec



414



408

# SANIREL 500V

## CONNECTION KIT 2 PUMPS

dual  
pump



3

### EQUIPMENT AND OPTIONS

#### DISCHARGE PIPE SANIFLEX

High-quality product for sewage discharge (Ø 63)

25m - Ref : 000263

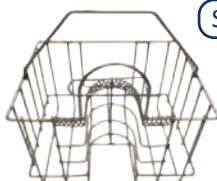
50m - Ref : 000264



#### SCREEN BASKET

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)

Sanirel 500V - Ref : 000580



Sanirel 250 - Ref : 000279



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### WATERPROOF CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable

Ref : 000492



#### CABLE WITH WATERPROOF CONNECTOR KIT

Allows you to extend your pump, floater etc cables to your own length. Available in 10m, 20m and 30m.

Pump + floater

20m - Ref : 003764

30m - Ref : 003763



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



#### VIGIREL GSM 4G ALARM

Immediate SMS alert to warn of a malfunction. Very easy to install and configure

Ref : 003577



# LIFT STATION

# **SANIREL 250/500V**

## GUIDE BARS 2 PUMPS



INDIVIDUAL



TOILETS



**SANIREL 250 2 PUMPS**  
**GUIDE BARS**



**SANIREL 500V 2 PUMPS**  
**GUIDE BARS**

**COMPLIES WITH**  
**EN 12050-1**

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • SEWAGE

# SANIREL 250/500V

## GUIDE BARS 2 PUMPS

dual  
pump



1

### PRESENTATION

Lift station for sewage (WC) suitable for **single-family homes or small collective use**. Equipped with **guide bars to simplify assembly / disassembly / maintenance of the pumps**, the station is ready to install underground or above ground.

Lift station equipped with **dual pumps (alternating cycle operation)** for ease of use.

### Product Benefits

- Easy to install
- Easy to maintain
- Guide bars
- Integrated valves
- Base legs
- Optional screen basket

COMPLIES WITH  
EN 12050-1



Safety lid closed with screw and seal

Non-drilled bottom

Inclined tank bottom

Pump alternation, mutual back-up, alarm control box



Can be completely removed from the top

Special valve

Check-valves with noise-reducing ball mandatory

Special pumps for waste water

### Supplies

- Complete lift station ready to install
- Warning labels to stick on toilets
- Installation manual
- Stainless steel screws and bolts
- 2 non-return valves and 2 valves

#### INLET :

- Lip seal  $\varnothing$  100 stand
- Lip seal for ventilation  $\varnothing$  50 or  $\varnothing$  100 ( optional)
- 2 Lip seals  $\varnothing$  50 for pumps and floats housing

#### OUTPUT :

- $\varnothing$  63 PVC F
- $\varnothing$  63 2" threaded end supplied
- 1 m flexible hose kit for discharge ( optional )

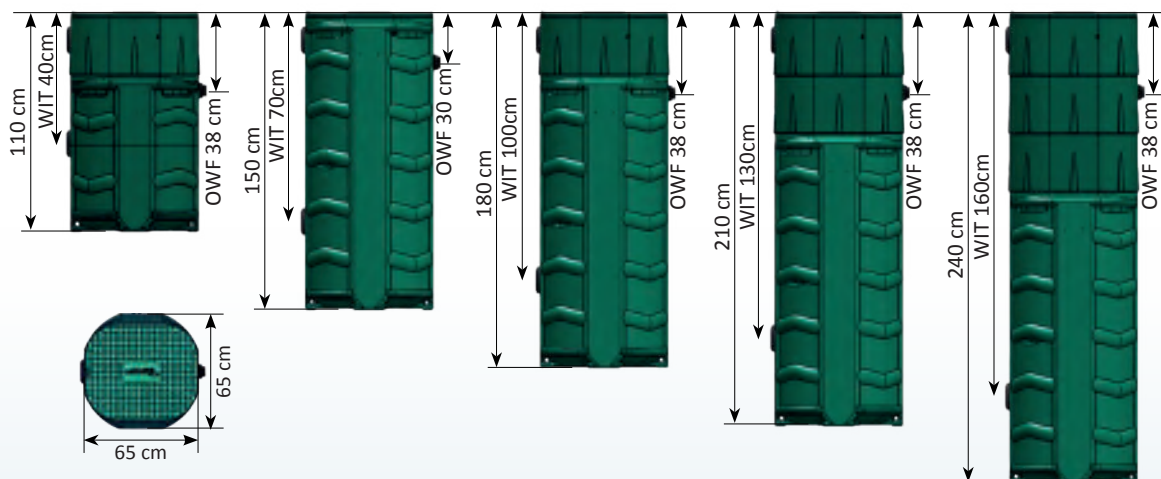


2

## TECHNICAL SPECIFICATIONS

\*WIT : Water Inlet Thread

Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References		
				Pump 408	Pump 414	Pump S09
Sanirel 250 – H110	110	340	40	001731	002195	-
Sanirel 500V – H150	150	500	70	001708	002207	001710
Sanirel 500V – H180	180	590	100	001711	002208	001713
Sanirel 500V – H210	210	680	130	001714	002209	001716
Sanirel 500V – H240	240	770	160	001717	002210	001719



### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m³/h	Free passage	Tension	Int (A)	P1 (kW)	Cond. μ	Weight pump
408	Inox	Vortex	7.7	24	50mm	1-230V	5.3	0.75*	22	14 kg
414	Inox	Vortex	14	24	50mm	1-230V	10.4	2.4	30	14 kg
S09	Inox/RVS	Grinder	18	12	NC	1-230V	11,6	2,56	40	23 kg

\*P2

Discharge length (m) in Ø 63 mandatory except S09 pump possible in Ø 50

H (m)	10	20	30	40	50	70	100	150	200	300
15	S09	S09	S09	S09	S09	S09	NC	NC	NC	NC
14	S09	S09	S09	S09	S09	S09	S09	NC	NC	NC
13	S09	S09	S09	S09	S09	S09	S09	S09	NC	NC
12	S09	S09	S09	S09	S09	S09	S09	S09	S09	NC
11	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
10	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
9	414	S09	S09	S09	S09	S09	S09	S09	S09	S09
8	414	414	414	414	414	414	S09	S09	S09	S09
7	414	414	414	414	414	414	414	S09	S09	S09
6	414	414	414	414	414	414	414	414	S09	S09
5	408	408	408	408	414	414	414	414	414	S09
4	408	408	408	408	408	408	414	414	414	414
3	408	408	408	408	408	408	408	408	414	414
2	408	408	408	408	408	408	408	408	408	414
1	408	408	408	408	408	408	408	408	408	414

NC : Please consult us  
Choice of pumps with a 63 PVC pipe - 53 mm inside - flow rate 6m³/h for a water speed of 0.7 l/sec

# SANIREL 250/500V

## GUIDE BARS 2 PUMPS

dual  
pump



3

### EQUIPMENT AND OPTIONS

#### DISCHARGE PIPE SANIFLEX

High-quality product for sewage discharge (Ø 63)

25m - Ref : 000263

50m - Ref : 000264



#### SCREEN BASKET

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)

Sanirel 500V - Ref : 000580



Sanirel 250 - Ref : 000279



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### WATERPROOF CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable

Ref : 000492



#### CABLE WITH WATERPROOF CONNECTOR KIT

Allows you to extend your pump, floater etc cables to your own length. Available in 10m, 20m and 30m.

Pump + floater

20m - Ref : 003764

30m - Ref : 003763



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



#### VIGIREL GSM 4G ALARM

Immediate SMS alert to warn of a malfunction. Very easy to install and configure

Ref : 003577



# LIFT STATION

## SANIDRAIN 420 EVO

### CONNECTION KIT 1 PUMP



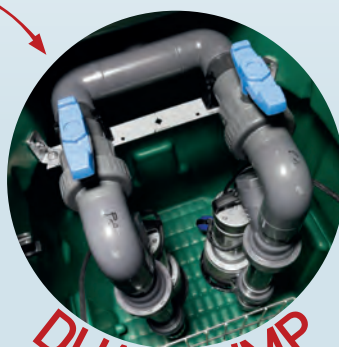
INDIVIDUAL



NO TOILETS



**SIMPLE PUMP**



**DUAL PUMP**

COMPLIES WITH  
EN 12050-2

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • CLEAN WATER

# SANIDRAIN 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS

simple  
pump



1

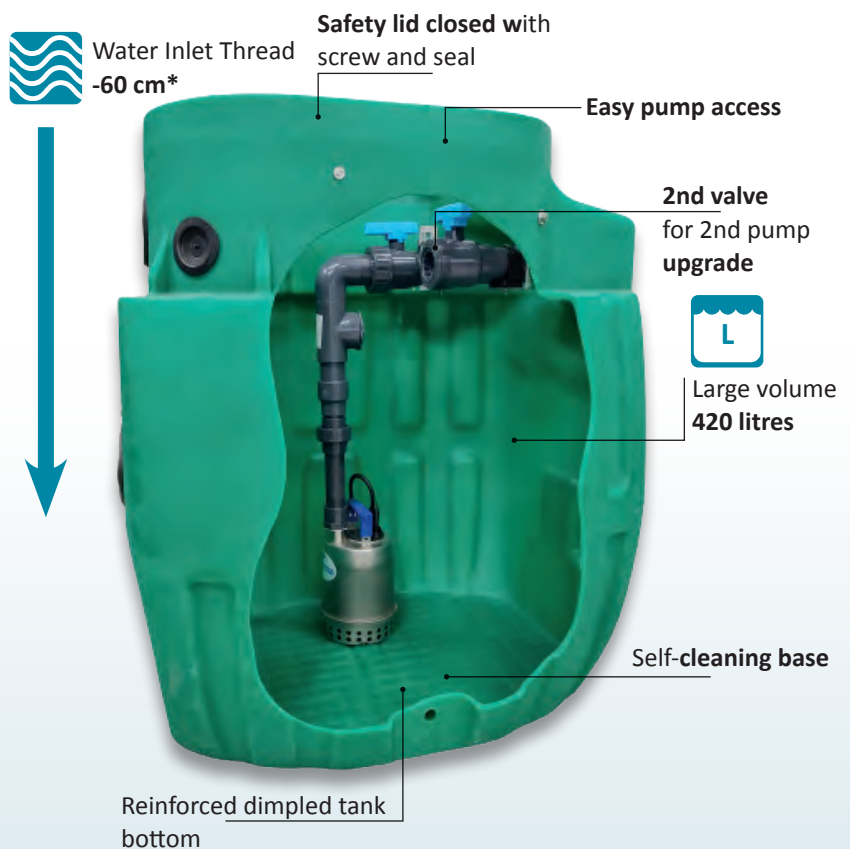
## PRESENTATION

Innovative lift station for clear water (without toilets) suitable for individual houses or small collective use at the output of a wastewater treatment plant or septic tank. Pre-assembled and pre-drilled, the station is ready to install ( in-ground or above-ground). It has a large 420 - litre volume for added safety, and a pre-drilled water line at -60 cm (+ 3 free drilling zones).

**Upgradeable lift station for easy upgrading from 1 to 2 pumps.**

## Product Benefits

- ▶ Large volume
- ▶ Water Inlet Thread large depth -60 cm -90 cm with extension
- ▶ Upgradeable from 1 to 2 pumps
- ▶ Warranty up to 4 years



COMPLIES WITH  
EN 12050-2

## Supplies

- Complete lift station ready to install
- Installation manual
- Stainless steel screws and bolts
- Pre-assembled cable glands

### INLET :

- Lip seal  $\varnothing$  100 stand
- Lip seal for ventilation  $\varnothing$  100

### OUTPUT :

- $\varnothing$  50 PVC F
- End cap  $\varnothing$  50 M/1"1/2
- End cap  $\varnothing$  50 M/1"1/4



2

## TECHNICAL SPECIFICATIONS

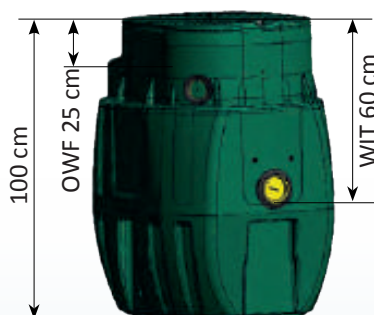
Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References		
				Pump DR1	Pump BS2	Pump BS4
Sanidrain 420 EVO 1 PUMP	100	420	60	003840	005383	005384

\*WIT : Water Inlet Thread

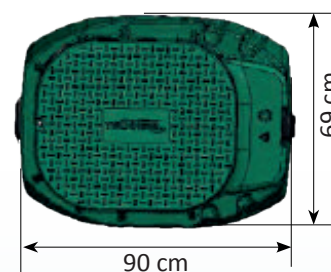
### Why upgrade to dual pumps?

- Back-up pump : in the event of failure of the 1<sup>st</sup> pump, the 2<sup>nd</sup> takes over automatically
- Alternation, two times less half the wear and tear for each pump
- Easy to use

Side view



Top view



### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m <sup>3</sup> /h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
DR1	Inox	Monocanal	7.0	9	10 mm	1.9	0,25*	8	4,4 kg	38 kg
BS2	Inox	Monocanal	14.5	16	10 mm	5.6	0,75	20	12 kg	45 kg
BS4	Inox	Monocanal	18.0	20	10 mm	7.3	1,1	30	13,8 kg	46 kg

\*P2

H (m)	Length (m)											
	10	20	30	40	50	60	70	90	100	150	200	300
15	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	NC	NC	NC
14	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	NC
13	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
12	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
11	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
10	BS2	BS2	BS2	BS2	BS2	BS4	BS4	BS4	BS4	BS4	BS4	BS4
9	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS4	BS4
8	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS4
7	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2
6	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2
5	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	BS2	BS2	BS2
4	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	BS2
3	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1
2	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1
1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1



BS4 BS2



DR1

# SANIDRAIN 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS

simple  
pump



3

## EQUIPMENT AND OPTIONS

### MINIMUM PROTECTION

#### Thermal magnetO Circuit breaker

Provides essential protection for the pump in the event of blockage

4 - 6,3A - Ref : 000254

6,3 - 10A - Ref : 000255



### RECOMMENDED PROTECTION

#### TRANQUILITY BOX

Protection PUMP

High level alarm

Over-intensity alarm

Alarm forwarding

Buzzer + indicator light

Easy to plug directly into an electrical socket

Upgradeable to 2 pumps included (EVO key inside the box)

Ref : 003665



#### DISCHARGE PIPE SANIFLEX

Special discharge product (ø 50)

25m - Ref : 000262



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



#### QUICK CONNECTION KIT

KIT DR1 - Ref : 003954

KIT BS2 - Ref : 003955

KIT BS4 - Ref : 003957



#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Ref : 002212



#### Pump alone

20m - Ref : 002313

30m - Ref : 002567

#### Pump + floater

20m - Ref : 003765

30m - Ref : 004008

#### WATERPROOF CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable

Ref : 000492



# LIFT STATION

# SANIDRAIN 250/500V KIT

## CONNECTION KIT 1 PUMP



INDIVIDUAL



NO TOILETS



**SANIDRAIN 250  
CONNECTION KIT**



**SANIDRAIN 500V  
CONNECTION KIT**

**COMPLIES WITH  
EN 12050-2**

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • CLEAN WATER

# SANIDRAIN 250/500V

## CONNECTION KIT 1 PUMP

simple  
pump



1

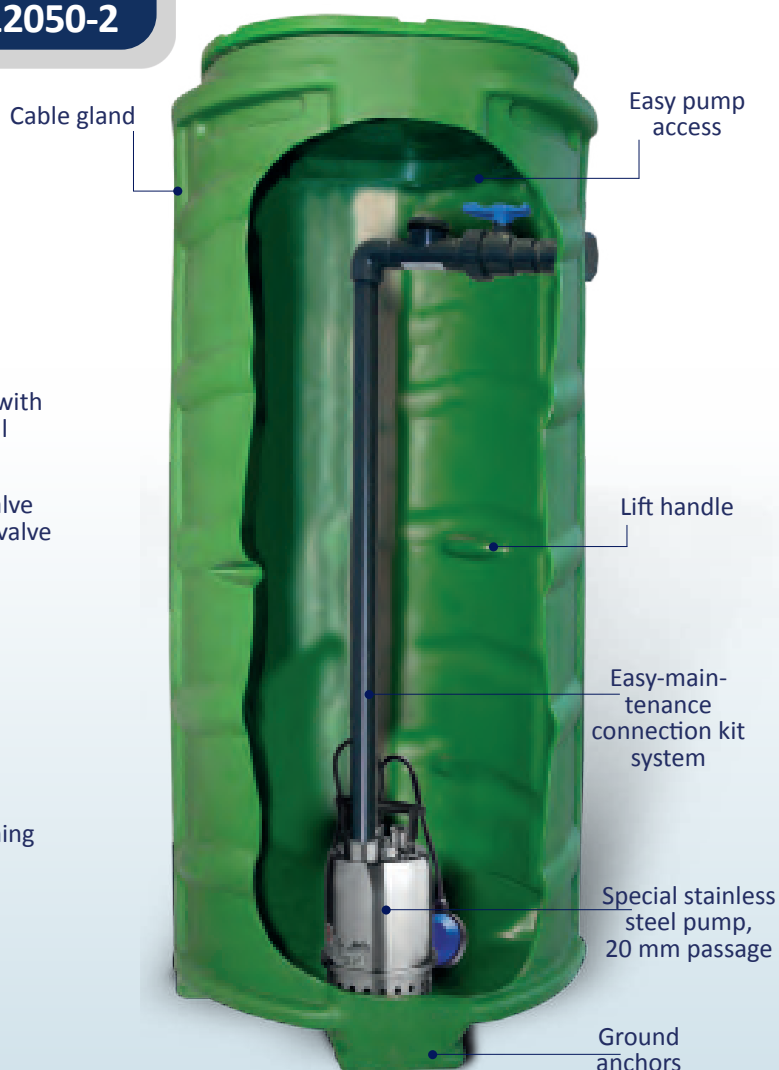
## PRESENTATION

Lift station for clear water suitable for **single-family homes or small collective use at the output of a wastewater treatment plant or septic tank**. Equipped with a quick connection kit for easy pump assembly / disassembly / maintenance, the station is ready to install, either in-ground or above-ground. The Sanidrain 500 V lift station is best suited to **deep water courses**.

## Product Benefits

- Easy to install
- Easy to maintain
- Overall quality
- Very low or deep waterline

COMPLIES WITH  
EN 12050-2



## Supplies

- Complete lift station ready to install
- Installation manual
- Stainless steel screws and bolts
- Pre-assembled cable glands
- Flap and valve in DN40
- Standard discharge Ø 50 mm

### INLET :

- Lip seal Ø 100 stand
- Lip seal for ventilation Ø 100

### OUTPUT :

- Ø 50 PVC F
- End cap Ø 50 M/1"1/2
- End cap Ø 50 M/1"1/4

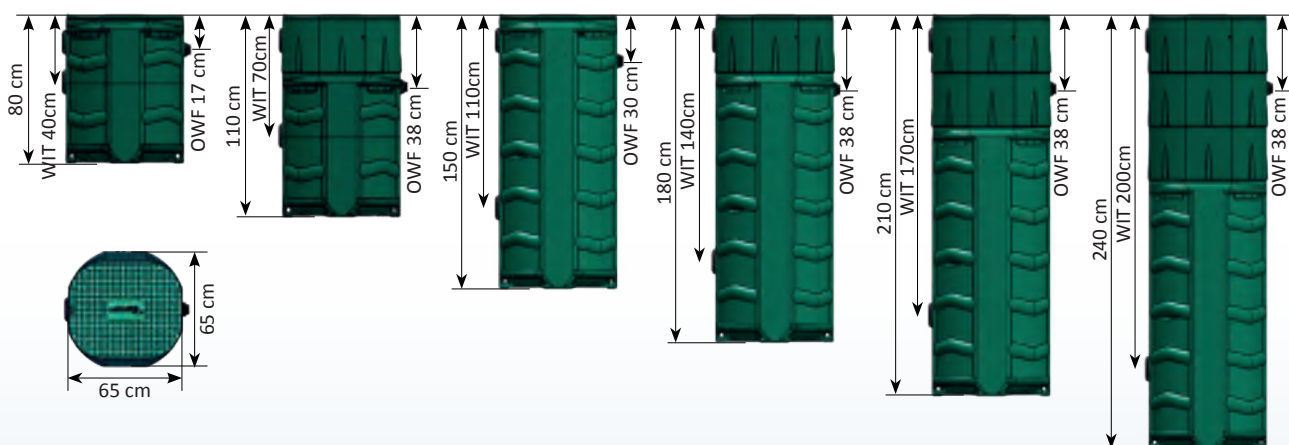


2

## TECHNICAL SPECIFICATIONS

\*WIT : Water Inlet Thread

Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References		
				Pump DR1	Pump BS2	Pump BS4
Sanidrain 250 H 80	80	250	40	002184	005367	005368
Sanidrain 250 H 110	110	340	70	002185	005369	005370
Sanidrain 500 H 150	150	500	110	002186	005365	005366
Sanidrain 500 H 180	180	590	140	002188	005371	005372
Sanidrain 500 H 210	210	680	170	002189	005373	005374
Sanidrain 500 H 240	240	770	200	002191	005375	005376



### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m³/h	Free passage	Int (A)	P1 (kW)	Cond. µ	Weight pump
DR1	Inox	Single-channel	7.0	9	10 mm	1.9	0.25*	8	4.4 kg
BS2	Inox	Single-channel	14.5	16	10 mm	5.6	0.75	20	12 kg
BS4	Inox	Single-channel	18.0	20	10 mm	7.3	1.1*	30	13.8 kg

\*P2



BS4 BS2



DR1

H (m)	Length (m)											
	10	20	30	40	50	60	70	90	100	150	200	300
15	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	NC	NC	NC
14	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	NC
13	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
12	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
11	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
10	BS2	BS2	BS2	BS2	BS2	BS4	BS4	BS4	BS4	BS4	BS4	BS4
9	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS4	BS4
8	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS4
7	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2
6	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2
5	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	BS2	BS2	BS2
4	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	BS2
3	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1
2	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1
1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1

NC : Please consult us

# SANIDRAIN 250/500V

## CONNECTION KIT 1 PUMP

simple  
pump



3

### EQUIPMENT AND OPTIONS

#### MINIMUM PROTECTION

##### Thermal magnetO Circuit breaker

Provides essential protection for the pump in the event of blockage

4 - 6,3A - Ref : 000254

6,3 - 10A - Ref : 000255



#### RECOMMENDED PROTECTION

##### TRANQUILITY BOX

Protection PUMP  
High level alarm  
with float kit  
Over-intensity alarm

Station 250 - Ref : 004185

Station 500V - Ref : 004184



Alarm forwarding  
Buzzer + indicator light  
Easy to plug directly into an electrical socket



##### DISCHARGE PIPE SANIFLEX

Special discharge product (ø 50)

25m - Ref : 000262



##### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



##### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



##### WATERPROOF CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable



Ref : 000492

##### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

##### Pump alone

20m - Ref : 002313

30m - Ref : 002567



##### Pump + floater

20m - Ref : 003765

30m - Ref : 004008

Ref : 002212

# LIFT STATION

## IRRIDRAIN 420 EVO

### CONNECTION KIT 1 PUMP



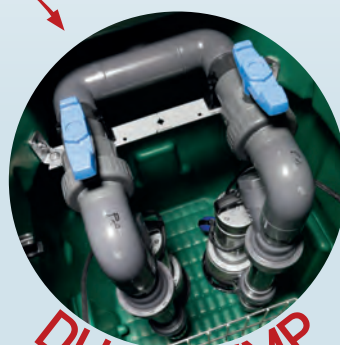
INDIVIDUAL



STATION TANK  
OUTLET



**SIMPLE PUMP**



**DUAL PUMP**

**COMPLIES WITH  
EN 12050-2**

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • CLEAN WATER

# IRRIDRAIN 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS

simple  
pump



1

## PRESENTATION

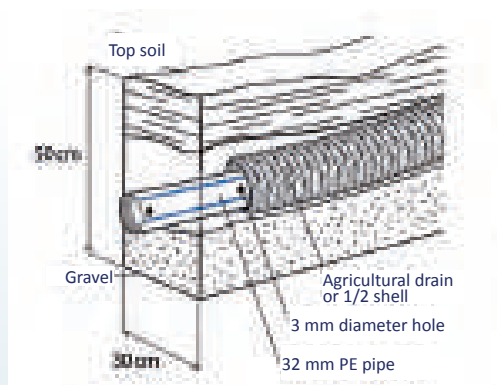
Subsurface dispersal system, dispersal through a drainage trench over a length determined by an engineering office (based on the number of inhabitants and the soil absorption coefficient). Pumping of pretreated water from a micro treatment plant or compact filter into a drainage trench using a lift station.

**Objective :** to distribute the water evenly along the length of the trench.

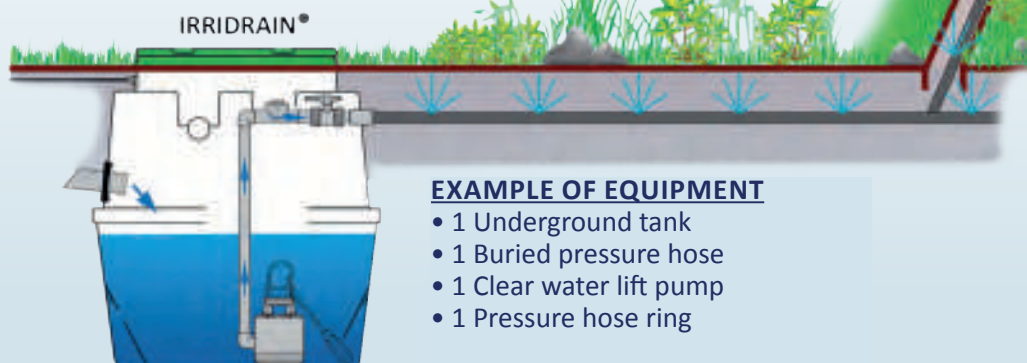
**Benefits :** irrigation, water savings

## Product Benefits

- ▶ Large volume
- ▶ Easy to install and maintain
- ▶ Upgradeable from 1 to 2 pumps
- ▶ Overall quality



COMPLIES WITH  
EN 12050-2



### EXAMPLE OF EQUIPMENT

- 1 Underground tank
- 1 Buried pressure hose
- 1 Clear water lift pump
- 1 Pressure hose ring

## Supplies

- Complete lift station ready to install
- Installation manual
- Stainless steel screws and bolts
- Pre-assembled cable glands

### INLET :

- Lip seal  $\varnothing$  100 stand
- Lip seal for ventilation  $\varnothing$  100

### OUTPUT :

- $\varnothing$  50 PVC F
- End cap  $\varnothing$  50 M/1"1/2
- End cap  $\varnothing$  50 M/1"1/4



2

## TECHNICAL SPECIFICATIONS

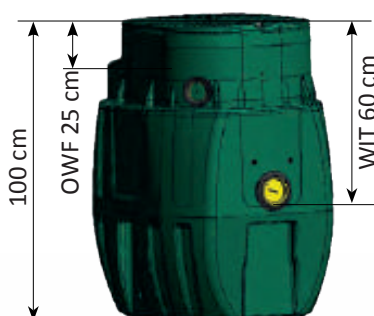
Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References	
				Pump BS2	Pump BS4
Irridrain 420 EVO 1 PUMP	100	420	60	003906	003927

\*WIT : Water Inlet Thread

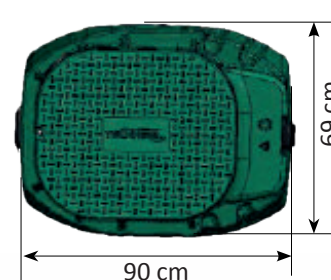
### Why upgrade to dual pumps?

- ▶ Back-up pump : in the event of failure of the 1<sup>st</sup> pump, the 2<sup>nd</sup> takes over automatically
- ▶ Alternation, two times less half the wear and tear for each pump
- ▶ Easy to use

Side view



Top view

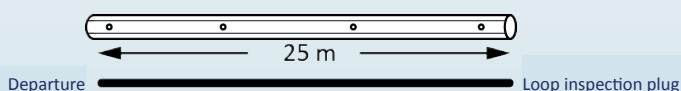


### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m <sup>3</sup> /h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
BS2	Inox	Single-channel	14.5	16	10 mm	5.6	0,75	20	12 kg	45 kg
BS4	Inox	Single-channel	18.0	20	10 mm	7.3	1,1	30	13,8 kg	46 kg

#### Up to 25 meters

1 straight line (several bends possible)  
PE25 or 32/10 bar mm pre-drilled pipe  
holes  
1 m space between holes

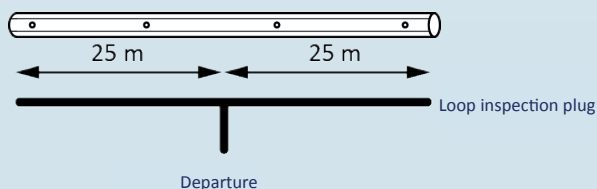


PUMP BS2



#### Up to 50 meters

2 lengths of 25 m (ideally with looping)  
PE 25 or 32 / 10 bar pipe, pre-perforated  
3 mm holes  
1 m space between holes

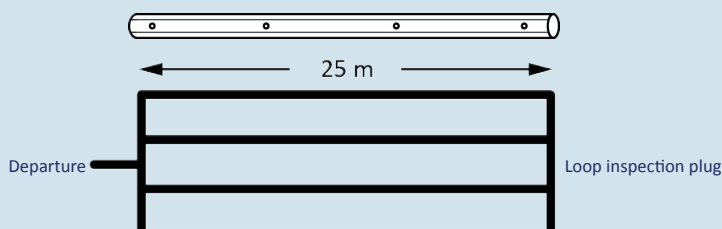


PUMP BS4



#### Up to 100 meters

4 lengths of 25 m with looping  
32 mm / 10 bar pipe, pre-perforated  
3 mm holes  
1.5 m space between holes



# IRRIDRAIN 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS

simple  
pump



3

## EQUIPMENT AND OPTIONS

### MINIMUM PROTECTION

#### THERMAL MAGNETO CIRCUIT BREAKER

Provides essential protection for the pump in the event of blockage



4 - 6,3A - Ref : 000254

6,3 - 10A - Ref : 000255

### RECOMMENDED PROTECTION

#### TRANQUILITY BOX

Protection PUMP

High level alarm

Over-intensity alarm

Alarm forwarding

Buzzer + indicator light

Easy to plug directly into an electrical socket Upgradeable to 2 pumps included (EVO key inside the box)

Ref : 003665



#### DISCHARGE PIPE SANIFLEX

Special discharge product (ø 50)

25m - Ref : 000262



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212

#### QUICK CONNECTION KIT



KIT BS2 - Ref : 003955

KIT BS4 - Ref : 003957

#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Pump alone

20m - Ref : 004154

30m - Ref : 004155



Pump + floater

20m - Ref : 003765

30m - Ref : 004008

#### EVO KEY

Permet de passer de 1 à 2 PUMPS

Ref : 003675



#### WATERPROOF CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable

Ref : 000492



# LIFT STATION

## IRRIDRAIN 250/500V

### CONNECTION KIT 1 PUMP



INDIVIDUAL



STATION TANK  
OUTLET



**IRRIDRAIN 250 1 PUMP  
CONNECTION KIT**



**IRRIDRAIN 500V 1 PUMP  
CONNECTION KIT**

**COMPLIES WITH  
EN 12050-2**

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • CLEAN WATER

# IRRIDRAIN 250/500V

## CONNECTION KIT 1 PUMP

simple  
pump



1

## PRESENTATION

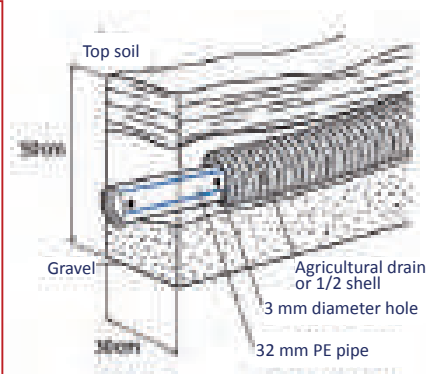
Lift station ready to install, underground or above ground, for a output of a wastewater treatment plant or septic tank. The station is equipped with a quick-connect pump kit for simplified assembly and disassembly. With a volume of 500 litres, the 500 V range is preferable for a deep water course. Underground spreading system, spreading via a drainage trench over a length determined by an engineering office. (based on the number of inhabitants and the soil absorption coefficient).

**Objective :** to distribute the water evenly along the length of the trench.

**Benefits :** irrigation, water savings

## Product Benefits

- Easy to install
- Easy to maintain
- Overall quality
- Very low or deep watercourse



COMPLIES WITH  
EN 12050-2



## Supplies

- Complete lift station ready to install
- Installation manual
- Stainless steel screws and bolts
- Pre-assembled cable glands

### INLET :

- Lip seal  $\varnothing$  100 stand
- Lip seal for ventilation  $\varnothing$  100

### OUTPUT :

- $\varnothing$  50 PVC F
- End cap  $\varnothing$  50 M/1"1/2
- End cap  $\varnothing$  50 M/1"1/4

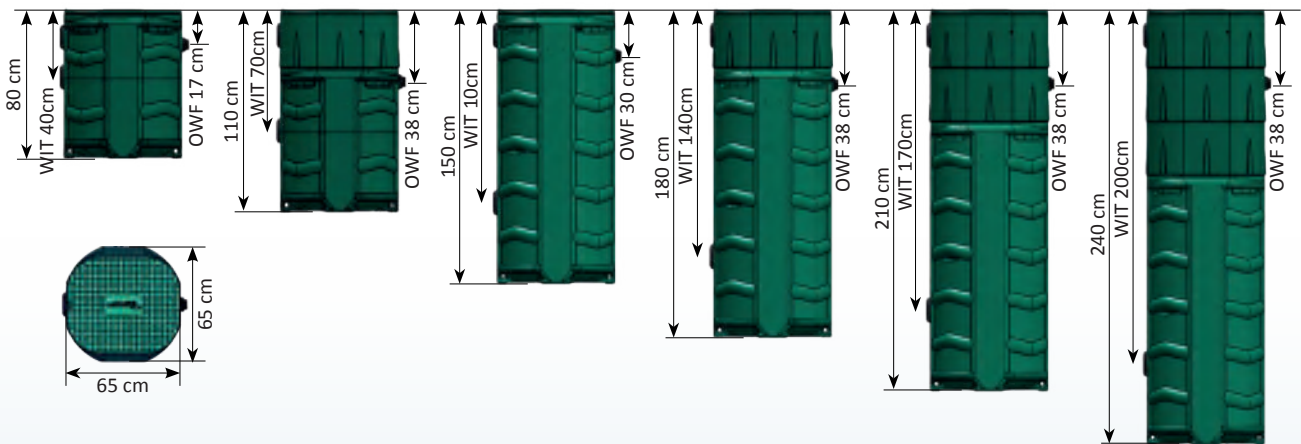


2

## TECHNICAL SPECIFICATIONS

\*WIT : Water Inlet Thread

Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References	
				Pump BS2	Pump BS4
Irridrain 250 H 80	80	250	40	001734	001735
Irridrain 250 H 110	110	340	70	001736	001737
Irridrain 500 H 150	150	500	110	001527	001528
Irridrain 500 H 180	180	590	140	001738	001739
Irridrain 500 H 210	210	680	170	001740	001741
Irridrain 500 H 240	240	770	200	001742	001743

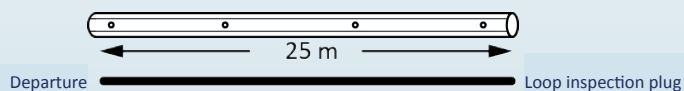


### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m³/h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
BS2	Inox	Single-channel	14.5	16	10 mm	5.6	0,75	20	12 kg	45 kg
BS4	Inox	Single-channel	18.0	20	10 mm	7.3	1,1	30	13,8 kg	46 kg

#### Up to 25 meters

1 straight line (several bends possible)  
PE25 or 32/10 bar mm pre-drilled  
holes  
1 m space between holes

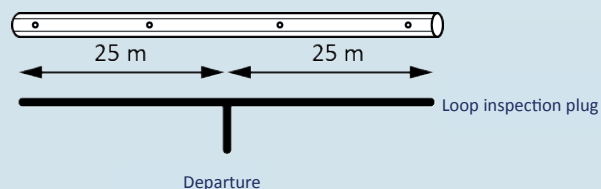


**PUMP BS2**



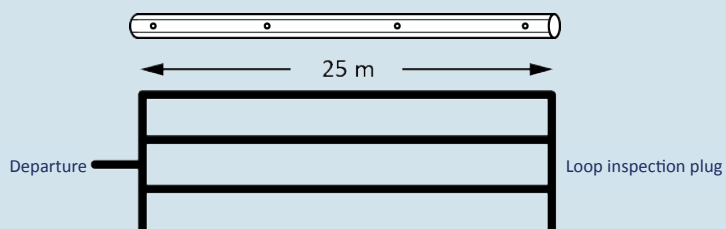
#### Up to 50 meters

2 lengths of 25 m (ideally with looping)  
PE 25 or 32 / 10 bar pipe, pre-perforated  
3 mm holes  
1 m space between holes



#### Up to 100 meters

4 lengths of 25 m with looping  
32 mm / 10 bar pipe, pre-perforated  
3 mm holes  
1.5 m space between holes



**PUMP BS4**



# IRRIDRAIN 250/500V

## CONNECTION KIT 1 PUMP

simple  
pump



3

### EQUIPMENT AND OPTIONS

#### MINIMUM PROTECTION

##### Thermal magnetO Circuit breaker

Provides essential protection for the pump in the event of blockage

4 - 6,3A - Ref : 000254

6,3 - 10A - Ref : 000255



#### RECOMMENDED PROTECTION

##### TRANQUILITY BOX

Protection PUMP

High level alarm

with float kit

Over-intensity alarm

Alarm forwarding

Buzzer + indicator light

Easy to plug directly into an electrical socket



Station 250 - Ref : 004185

Station 500V - Ref : 004184



##### DISCHARGE PIPE SANIFLEX

Special discharge product (ø 50)

25m - Ref : 000262



##### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



##### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212

##### QUICK CONNECTION KIT

KIT BS2 - Ref : 003955

KIT BS4 - Ref : 003957



##### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Pump alone

20m - Ref : 002313

30m - Ref : 002567



Pump + floater

20m - Ref : 003765

30m - Ref : 004008

##### IRRIDRAIN PIPE LENGTH 25 M

32 HDPE PN 10 diameter pipe  
Drilling diameter 3 mm / 1 m

Ref : 002571



##### WATERPROOF CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable

Ref : 000492



# LIFT STATION

# SANIDRAIN 420 DUAL

## CONNECTION KIT 2 PUMPS



INDIVIDUAL



NO TOILETS



DUAL PUMP

COMPLIES WITH  
EN 12050-2

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • CLEAN WATER

# SANIDRAIN 420 DUAL

## CONNECTION KIT 2 PUMPS

dual  
pump



1

### PRESENTATION

Innovative lift station for clear water ( without toilets) suitable for single-family homes or small collective use for a output of a wastewater treatment plant or septic tank. Pre-assembled and pre-drilled, the station is ready to install in-ground or above-ground). It has a large 420 - litre volume for added safety, and a pre-drilled water line at -60 cm (+ 3 free drilling zones). Lift station equipped with dual pump (alternating cycle operation) for ease of use

### Product Benefits

- ▶ Large volume
- ▶ 60 cm - 90 cm deep inlet water pipe with extension
- ▶ 2 automatic pumps
- ▶ Warranty up to 4 years



COMPLIES WITH  
EN 12050-2

Special 10 mm stainless steel pump

### Supplies

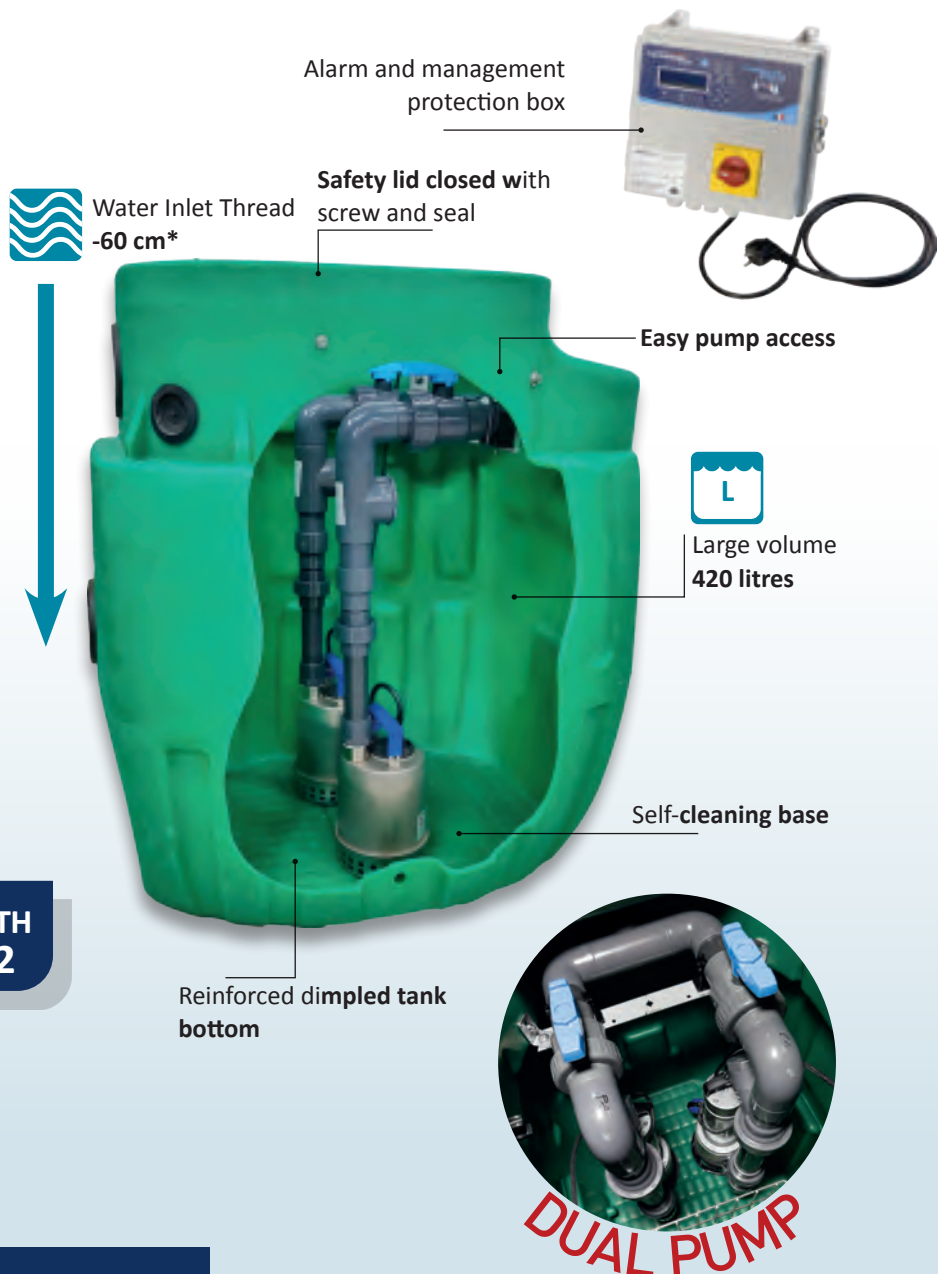
- Complete lift station ready to install
- Installation manual
- Stainless steel screws and bolts
- Pre-assembled cable glands

#### INLET :

- Lip seal  $\varnothing$  100 stand
- Lip seal for ventilation  $\varnothing$  100

#### OUTPUT :

- $\varnothing$  50 PVC F
- End cap  $\varnothing$  50 M/1"1/2
- End cap  $\varnothing$  50 M/1"1/4





2

## TECHNICAL SPECIFICATIONS

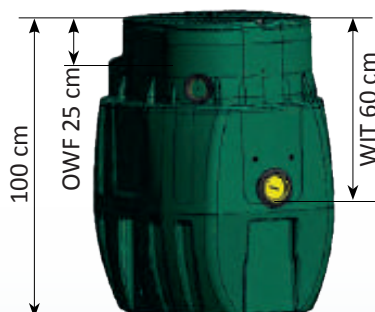
Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References		
				Pump DR1	Pump BS2	Pump BS4
Sanidrain 420 DUAL pumps	100	420	60	003847	004086	004087

\*WIT : Water Inlet Thread

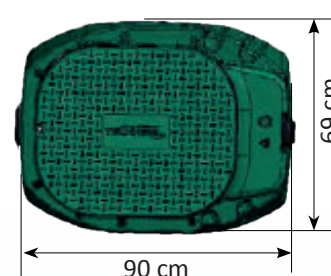
### Why upgrade to dual pumps?

- Back-up pump : in the event of failure of the 1<sup>st</sup> pump, the 2<sup>nd</sup> takes over automatically
- Alternation, two times less half the wear and tear for each pump
- Easy to use

Side view



Top view



### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m <sup>3</sup> /h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
DR1	SS	Single-channel	7.0	9	10 mm	1.9	0,25*	8	4,4 kg	38 kg
BS2	SS	Single-channel	14.5	16	10 mm	5.6	0,75	20	12 kg	45 kg
BS4	SS	Single-channel	18.0	20	10 mm	7.3	1,1	30	13,8 kg	46 kg

\*P2

H (m)	Length (m)											
	10	20	30	40	50	60	70	90	100	150	200	300
15	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	NC	NC	NC
14	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	NC
13	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
12	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
11	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
10	BS2	BS2	BS2	BS2	BS2	BS4	BS4	BS4	BS4	BS4	BS4	BS4
9	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS4	BS4
8	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS4
7	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2
6	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2
5	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	BS2	BS2	BS2
4	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	BS2
3	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1
2	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1
1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1

NC : Please consult us



BS4 BS2



DR1

# SANIDRAIN 420 DUAL

## CONNECTION KIT 2 PUMPS

dual  
pump



3

### EQUIPMENT AND OPTIONS

#### DISCHARGE PIPE SANIFLEX

Special discharge product (ø 50)

25m - Ref : 000262



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212

#### QUICK CONNECTION KIT

KIT DR1 - Ref : 003954

KIT BS2 - Ref : 003955

KIT BS4 - Ref : 003957



#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Pump + float

20m - Ref : 003782

30m - Ref : 003968



#### WATERPROOF CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable

Ref : 000492



#### VIGIREL GSM 4G ALARM

Immediate SMS alert to warn of a malfunction. Very easy to install and configure

Ref : 003577



# LIFT STATION

## SANIDRAIN 250/500V KIT

### CONNECTION KIT 2 PUMPS



INDIVIDUAL



NO TOILETS



**SANIDRAIN 250 2 PUMPS  
CONNECTION KIT**



**SANIDRAIN 500V 2 PUMPS  
CONNECTION KIT**

**COMPLIES WITH  
EN 12050-2**

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • CLEAN WATER

# SANIDRAIN 250/500V

## CONNECTION KIT 2 PUMPS

dual  
pump



1

### PRESENTATION

Innovative lift station for clear water ( without toilets) suitable for single-family homes or small collective use for a output of a wastewater treatment plant or septic tank. Equipped with a quick-connection kit to simplify the pump assembly, disassembly and maintenance, the station is ready to install in-ground or above -ground. The Sanidrain 500 V range is preferable for deep water courses. Lift station equipped with dual pump (alternating cycle operation) for ease of use

### Product Benefits

- Easy to install
- 2 pumps, increased safety
- Easy to maintain
- Overall quality
- Very low or deep watercourse

Alarm and management  
protection box

Easy pump  
access

COMPLIES WITH  
EN 12050-2

Lid strength

Check valve and  
built-in valve

Lifting handle

2 stainless steel  
pumps

Tank thickness 8  
mm (solidity)

Ground  
anchors

### Supplies

- Complete lift station ready to install
- Installation manual
- Stainless steel screws and bolts
- 2 gate valves DN40
- 2 check valves DN40
- Standard discharge Ø 50 mm

#### INLET :

- Lip seal Ø 100 stand
- Lip seal for ventilation Ø 100
- 2 seals Ø 50 for pump and float sleeves

#### OUTPUT :

- Ø 50 PVC F
- End cap Ø 50 M/1"1/2
- End cap Ø 50 M/1"1/4

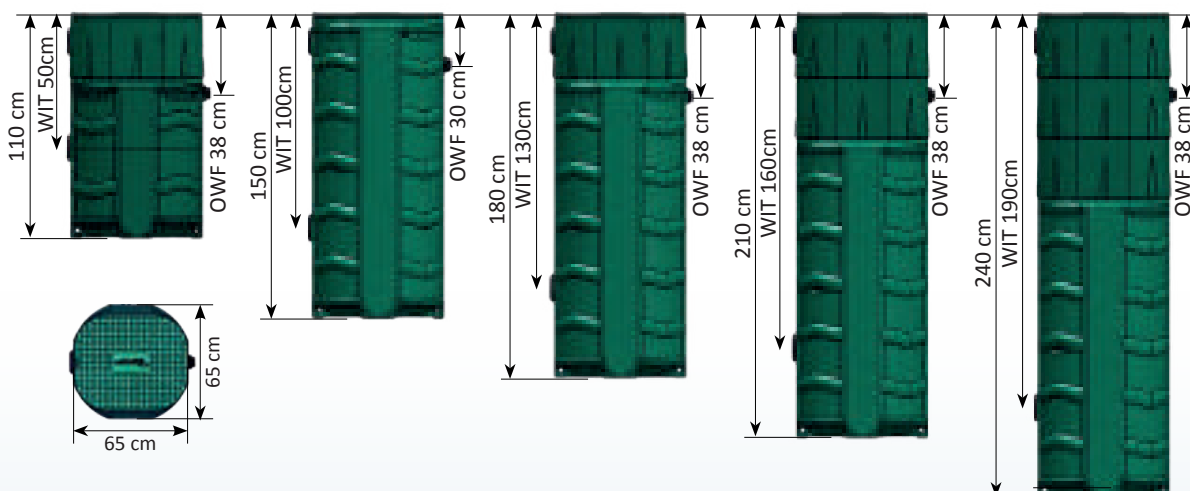


2

## TECHNICAL SPECIFICATIONS

\*WIT : Water Inlet Thread

Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References		
				Pump DR1	Pump BS2	Pump BS4
Sanidrain 250 H 110	110	340	50	002763	-	-
Sanidrain 500 H 150	150	500	100	002644	005388	005380
Sanidrain 500 H 180	180	590	130	002645	005387	005379
Sanidrain 500 H 210	210	680	160	002646	005381	005377
Sanidrain 500 H 240	240	770	190	002647	005382	005378



### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m³/h	Free passage	Int (A)	P1 (kW)	Cond. µ	Weight pump
DR1	SS	Monocanal	7.0	9	10 mm	1.9	0.25*	8	4.4 kg
BS2	SS	Monocanal	14.5	16	10 mm	5.6	0.75	30	12 kg
BS4	SS	Monocanal	18.0	20	10 mm	7.3	1.1*	30	13.8 kg

\*P2

H (m)	Length (m)											
	10	20	30	40	50	60	70	90	100	150	200	300
15	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	NC	NC	NC
14	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	NC
13	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
12	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
11	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4	BS4
10	BS2	BS2	BS2	BS2	BS2	BS4	BS4	BS4	BS4	BS4	BS4	BS4
9	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS4	BS4
8	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS4
7	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2
6	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2	BS2
5	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	BS2	BS2	BS2
4	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	BS2
3	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1
2	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1
1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1

NC : Please consult us



BS4 BS2



DR1

# SANIDRAIN 250/500V

## CONNECTION KIT 2 PUMPS

dual  
pump



3

### EQUIPMENT AND OPTIONS

#### DISCHARGE PIPE SANIFLEX

Special discharge product (Ø 50)

25m - Ref : 000262



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212

#### VIGIREL GSM 4G ALARM

Immediate SMS alert to warn of a malfunction. Very easy to install and configure

Ref : 003577



#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Pump + floater

20m - Ref : 003782

30m - Ref : 003968



#### WATERPROOF CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable

Ref : 000492



# LIFT STATION IRRIDRAIN 420 DOUBLE

## CONNECTION KIT 2 PUMPS



INDIVIDUAL



STATION TANK  
OUTLET



**DUAL PUMP**

COMPLIES WITH  
EN 12050-2

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • CLEAN WATER

# IRRIDRAIN 420 DOUBLE

## CONNECTION KIT 2 PUMPS

dual  
pump



1

### PRESENTATION

Underground spreading system, spreading via a drainage trench over a length determined by an engineering office (depending on the number of inhabitants and the soil absorption coefficient). Discharge of pre-treated water from a micro plant or compact filter into a drainage trench via a lift station.

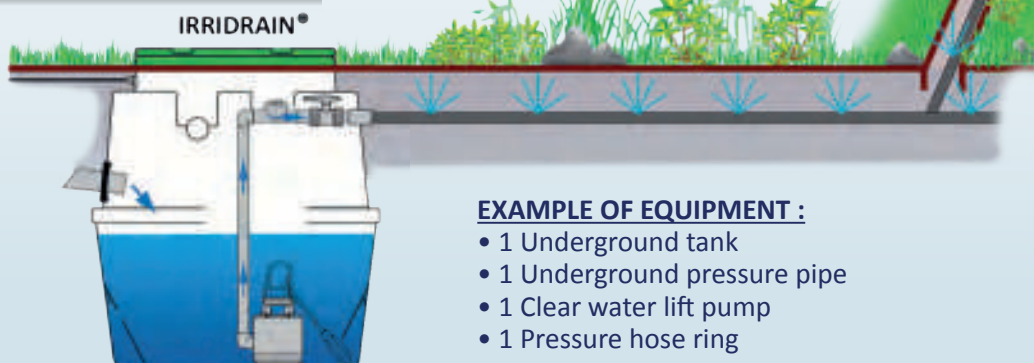
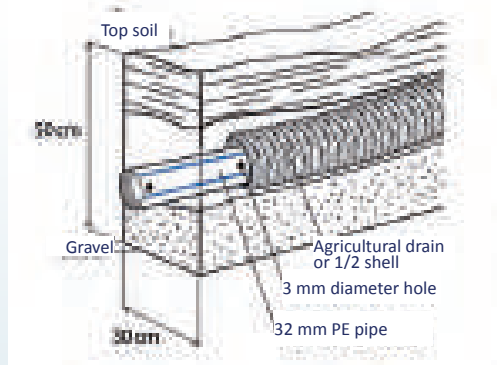
**OBJECTIVE:** To distribute the water evenly along the length of the trench

**BENEFITS:** Irrigation, water savings

COMPLIES WITH  
EN 12050-2

### Product Benefits

- ▶ Large volume
- ▶ Easy to install and maintain
- ▶ More security, 2 pumps
- ▶ Overall quality
- ▶ Irrigation, water savings



#### EXAMPLE OF EQUIPMENT :

- 1 Underground tank
- 1 Underground pressure pipe
- 1 Clear water lift pump
- 1 Pressure hose ring

### Supplies

- Complete lift station ready to install
- Installation manual
- Stainless steel screws and bolts
- Pre-assembled cable glands

#### INLET :

- Lip seal  $\varnothing$  100 stand
- Lip seal for ventilation  $\varnothing$  100

#### OUTPUT :

- $\varnothing$  50 PVC F
- End cap  $\varnothing$  50 M/1"1/2
- End cap  $\varnothing$  50 M/1"1/4



2

## TECHNICAL SPECIFICATIONS

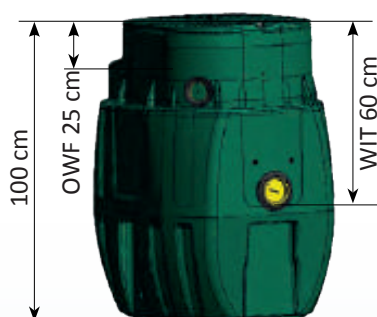
Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References	
				Pump BS2	Pump BS4
Irridrain 420 DUAL pumps	100	420	60	004086	004087

\*WIT : Water Inlet Thread

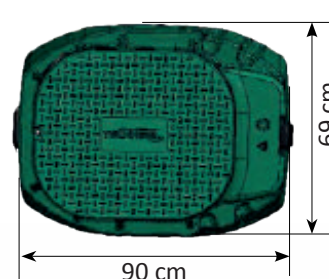
### Why upgrade to dual pumps?

- ▶ Back-up pump : in the event of failure of the 1<sup>st</sup> pump, the 2<sup>nd</sup> takes over automatically
- ▶ Alternation, two times less half the wear and tear for each pump
- ▶ Easy to use

Side view



Top view

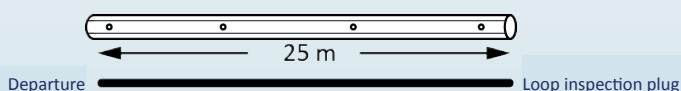


### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m <sup>3</sup> /h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
BS2	SS	Single-channel	14.5	16	10 mm	5.6	0,75	20	12 kg	45 kg
BS4	SS	Single-channel	18.0	20	10 mm	7.3	1,1	30	13,8 kg	46 kg

#### Up to 25 meters

1 straight line (several bends possible)  
PE25 or 32/10 bar mm pre-drilled pipe  
holes  
1 m space between holes

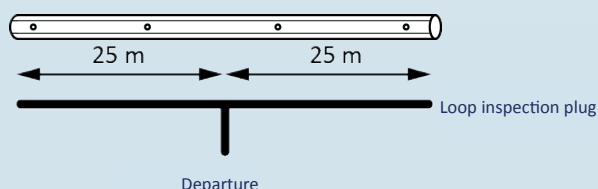


PUMP BS2



#### Up to 50 meters

2 lengths of 25 m (ideally with looping)  
PE 25 or 32 / 10 bar pipe, pre-perforated  
3 mm holes  
1 m space between holes

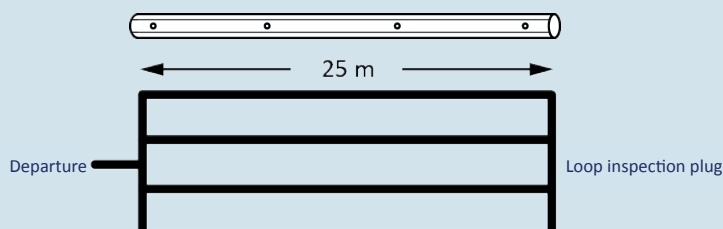


PUMP BS4



#### Up to 100 meters

4 lengths of 25 m with looping  
32 mm / 10 bar pipe, pre-perforated  
3 mm holes  
1.5 m space between holes



# IRRIDRAIN 420 DOUBLE

## CONNECTION KIT 2 PUMPS

dual  
pump



3

### EQUIPMENT AND OPTIONS

#### DISCHARGE PIPE SANIFLEX

Special discharge product (ø 50)

25m - Ref : 000262



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212

#### QUICK CONNECTION KIT

KIT BS2 - Ref : 003955

KIT BS4 - Ref : 003957



#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables



Pump + floaters

20m - Ref : 003782

30m - Ref : 003968

#### IRRIDRAIN PIPE LENGTH 25 M

32 HDPE PN 10 diameter pipe  
Drilling diameter 3 mm / 1 m

Ref : 002571



#### VIGIREL GSM 4G ALARM

Immediate SMS alert to warn of a malfunction. Very easy to install and configure

Ref : 003577



# LIFT STATION

# IRRIDRAIN 500V

## CONNECTION KIT 2 PUMPS



INDIVIDUAL



STATION TANK  
OUTLET

COMPLIES WITH  
EN 12050-2

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • CLEAN WATER

# IRRIDRAIN 500V

## CONNECTION KIT 2 PUMPS

dual  
pump



1

## PRESENTATION

Ready-to-install lift station, underground or above ground, for a wastewater treatment plant or septic tank.

The station comes with 2 pump quick-connect kits for easy assembly and disassembly. With a volume of 500 litres, the 500 V range is ideal for deep water courses. Underground spreading system, spreading via a drainage trench over a length determined by an engineering office (depending on the number of inhabitants and the soil absorption coefficient).

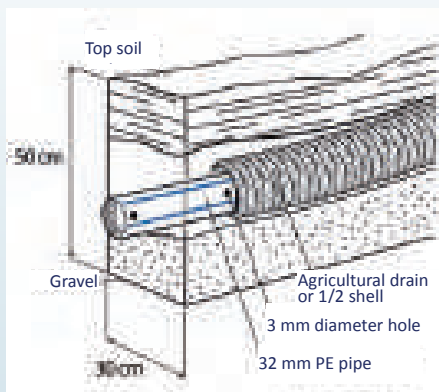
**OBJECTIVE :** To distribute the water evenly along the length of the trench

**BENEFITS :** Irrigation, water savings

## Product Benefits

- Easy to install
- Easy to maintain
- Overall quality
- Deep watercourse
- Irrigation, water savings

COMPLIES WITH  
EN 12050-2



## Supplies

- Complete lift station ready to install
- Installation manual
- Stainless steel screws and bolts
- Pre-assembled cable glands
- 2 PVC isolation valves, full bore DN40
- 2 check valves PVC DN

### INLET :

- Lip seal  $\varnothing$  100 stand
- Lip seal for ventilation  $\varnothing$  100

### OUTPUT :

- $\varnothing$  50 PVC F
- End cap  $\varnothing$  50 M/1''1/2
- End cap  $\varnothing$  50 M/1''1/4

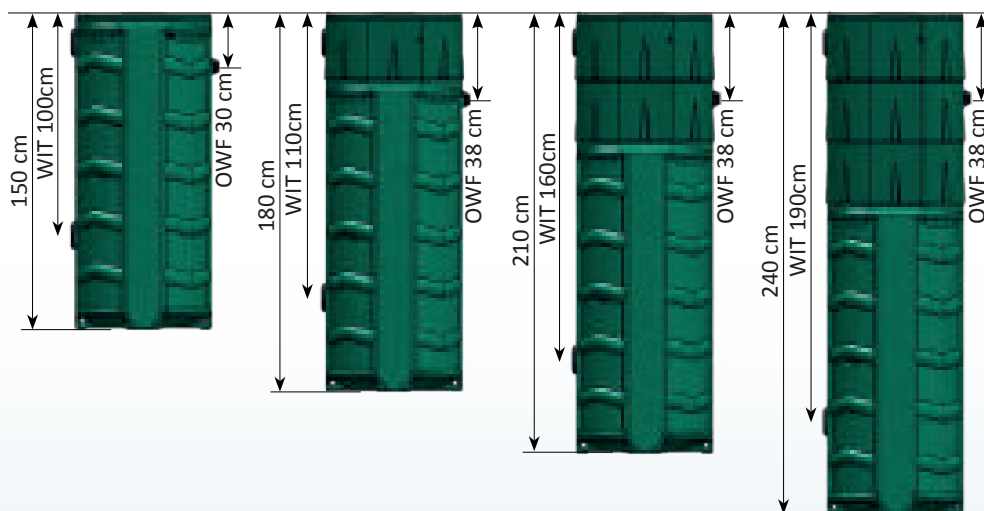
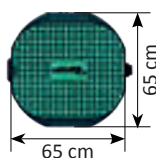


2

## TECHNICAL SPECIFICATIONS

\*WIT : Water Inlet Thread

Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References	
				Pump BS2	Pump BS4
Irridrain 500 H 150	150	500	100	-	002909
Irridrain 500 H 180	180	590	130	-	002908
Irridrain 500 H 210	210	680	160	003716	002906
Irridrain 500 H 240	240	770	190	003852	002907



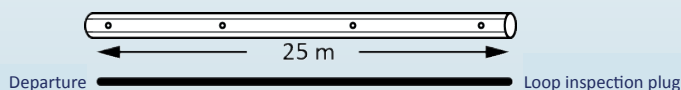
### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m <sup>3</sup> /h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
BS2	SS	Single-channel	14.5	16	10 mm	5.6	0,75	20	12 kg	45 kg
BS4	SS	Single-channel	18.0	20	10 mm	7.3	1,1	30	13,8 kg	46 kg

#### Up to 25 meters

1 straight line (several bends possible)  
PE25 or 32/10 bar mm pre-drilled pipe  
holes

1 m space between holes



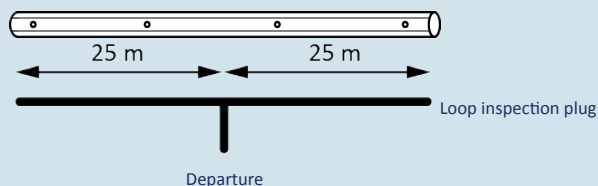
#### PUMP BS2



#### Up to 50 meters

2 lengths of 25 m (ideally with looping)  
PE 25 or 32 / 10 bar pipe, pre-perforated  
3 mm holes

1 m space between holes



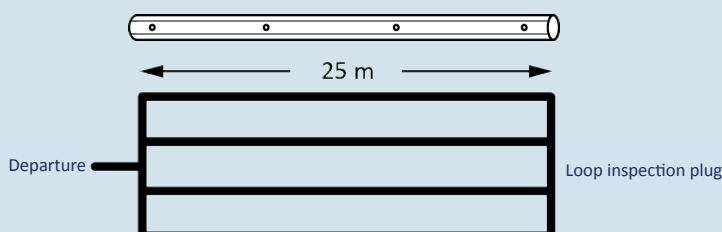
#### PUMP BS4



#### Up to 100 meters

4 lengths of 25 m with looping  
32 mm / 10 bar pipe, pre-perforated  
3 mm holes

1.5 m space between holes



# IRRIDRAIN 500V

## CONNECTION KIT 2 PUMPS

dual  
pump



3

### EQUIPMENT AND OPTIONS

#### DISCHARGE PIPE SANIFLEX

Special discharge product (ø 50)

25m - Ref : 000262



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212

#### VIGIREL GSM 4G ALARM

Immediate SMS alert to warn of a malfunction. Very easy to install and configure

Ref : 003577



#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Pump + floater

20m - Ref : 003764

30m - Ref : 003763



#### IRRIDRAIN PIPE LENGTH 25 M

32 HDPE PN 10 diameter pipe  
Drilling diameter 3 mm / 1 m

Ref : 002571



LIFT STATION

# SANIPLUIE 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS



INDIVIDUAL



RAIN



NO TOILETS



SIMPLE PUMP



DUAL PUMP



COMPLIES WITH  
EN 12050-2

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • RAINWATER

# SANIPLUIE 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS

simple  
pump



1

## PRESENTATION

Innovative rainwater lift station for single-family homes or small collective use. Pre-assembled and pre-drilled, the station is ready to install - underground or above ground. It has a large 420-litre volume for added safety, and a pre-drilled water line at 50 or 60 cm (+ 3 free drilling zones). Upgradeable lift station for easy connection of 1 or 2 pumps.

## Product Benefits

- ▶ Large volume
- ▶ Deep water inlet -50 or 60 cm, -80 or -90 cm with extension
- ▶ Upgradeable from 1 to 2 pumps
- ▶ Basket can be attached without adjusting
- ▶ Warranty up to 4 years



Water Inlet Thread  
-50 ou -60 cm\*

COMPLIES WITH  
EN 12050-2

2nd valve  
upgradeable 2  
pumps



Large volume  
420 litres

Single-channel  
pump

Reinforced  
bottom

Screen basket en  
option



## Why upgrade to dual pumps?

- ▶ Back-up pump : in the event of failure of the 1<sup>st</sup> pump, the 2<sup>nd</sup> takes over automatically
- ▶ Alternation, two times less half the wear and tear for each pump
- ▶ Easy to use

## Supplies

- Complete lift station ready to install
- Installation manual
- Stainless steel screws and bolts
- 2 duct passages  $\varnothing$  40 or  $\varnothing$  50
- 2 PVC pressure isolation valves
- 1 check valves with PVC ball

### INLET :

- $\varnothing$  100 lip seal as standard and/or 3 zones of free drilling
- Joint à lèvres pour ventilation  $\varnothing$  50 ou  $\varnothing$  100 (en option)

### OUTPUT :

- Reducer diam 63 / 75F or reducer  $\varnothing$  50 / 63F
- $\varnothing$  63 2" threaded end supplied



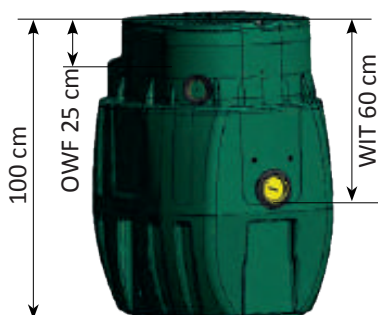
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## TECHNICAL SPECIFICATIONS

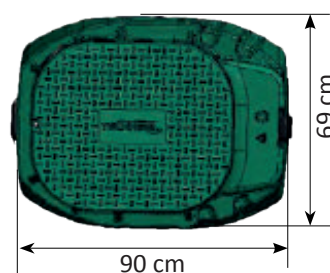
\*WIT : Water Inlet Thread

Station - Pump	WIT (cm)	Flow rate (m³/h)	Discharge reco	References				
				Pump BS2	Pump BS4	Pump EP 100	Pump EP 200	Pump EP 300
Sanipluie 420 EVO 1 PUMP	60	10	Ø 63	004188	004189	-	-	-
	50	15 ou 20	Ø 75	-	-	004118	004148	004177

Side view



Top view



### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m³/h	Free passage	Int (A)	P1 (kW)	Cond. µ	Weight pump	Station weight
BS2	SS	Single-channel	12,2	15,6	10 mm	4,4	0,55	16	12 kg	42 kg
BS4	SS	Single-channel	18,4	19,8	10 mm	7,3	1,1	60	13,8 kg	43,8 kg
EP 100	SS	Single-channel	11	30	50 mm	3,9	0,9	20	16 kg	46 kg
EP 200	SS	Single-channel	13	36	50 mm	5,9	1,28	25	18 kg	48 kg
EP 300	SS	Single-channel	15	42	50 mm	7,3	1,57	31,5	19,4 kg	49,4 kg



BS2, BS4

		Length (m) of pipeline Ø 63						
10m³/hour	H (m)	10	20	30	40	50	100	150
	9	BS4	BS4	BS4	BS4	NC	NC	NC
	8	BS4	BS4	BS4	BS4	BS4	NC	NC
	7	BS4	BS4	BS4	BS4	BS4	NC	NC
	6	BS4	BS4	BS4	BS4	BS4	BS4	NC
	5	BS2	BS4	BS4	BS4	BS4	BS4	BS4
	4	BS2	BS2	BS2	BS2	BS4	BS4	BS4
	3	BS2	BS2	BS2	BS2	BS2	BS4	BS4
	2	BS2	BS2	BS2	BS2	BS2	BS2	BS4
	1	BS2	BS2	BS2	BS2	BS2	BS2	BS4



EP100, EP200,  
EP300

		Length (m) of pipeline in PE/PVC Ø 75						
15m³/hour	H (m)	10	20	30	40	50	100	150
	9	EP300	EP300	NC	NC	NC	NC	NC
	8	EP300	EP300	EP300	EP300	EP300	NC	NC
	7	EP300	EP300	EP300	EP300	EP300	NC	NC
	6	EP200	EP200	EP200	EP300	EP300	EP300	NC
	5	EP200	EP200	EP200	EP200	EP200	EP300	NC
	4	EP100	EP100	EP200	EP200	EP200	EP300	EP300
	3	EP100	EP100	EP100	EP100	EP100	EP200	EP300
	2	EP100	EP100	EP100	EP100	EP100	EP100	EP200
	1	EP100	EP100	EP100	EP100	EP100	EP100	EP200

		Length (m) of pipeline in PE/PVC Ø 75						
20m³/hour	H (m)	10	20	30	40	50	100	150
	9	NC	NC	NC	NC	NC	NC	NC
	8	NC	NC	NC	NC	NC	NC	NC
	7	EP300	EP300	NC	NC	NC	NC	NC
	6	EP300	EP300	EP300	EP300	NC	NC	NC
	5	EP200	EP300	EP300	EP300	EP300	NC	NC
	4	EP200	EP200	EP200	EP300	EP300	NC	NC
	3	EP100	EP200	EP200	EP200	EP200	NC	NC
	2	EP100	EP100	EP100	EP200	EP200	EP300	NC
	1	EP100	EP100	EP100	EP100	EP100	EP300	NC

# SANIPLUIE 420 EVO

CONNECTION KIT 1 PUMP UPGRADEABLE 2 PUMPS

simple  
pump



3

## EQUIPMENT AND OPTIONS

### MINIMUM PROTECTION

#### Thermal magnetO Circuit breaker

Provides essential protection for the pump in the event of blockage

4 - 6,3A - Ref : 000254

6,3 - 10A - Ref : 000255



### RECOMMENDED PROTECTION

#### TRANQUILITY BOX

Protection PUMP

High level alarm

Over-intensity alarm

Alarm forwarding

Buzzer + indicator light

Easy to plug directly into an electrical socket

Upgradeable to 2 pumps included (EVO key inside the box)

Ref : 003665



#### DISCHARGE PIPE SANIFLEX

High-quality product for sewage discharge (Ø 63 ou 75)

Ø 63 - 25m - Ref : 000263

Ø 63 - 50m - Ref : 000264

Ø 75 - 25m - Ref : 000265



#### SCREEN BASKET

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)

Ref : 003679



#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### QUICK CONNECTION KIT



BS2 - Ref : 003955

BS4 - Ref : 003957

EP100 - Ref : 004535

EP200 - Ref : 004536

EP300 - Ref : 004537

#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Pump alone

20m - Ref : 004154

30m - Ref : 004155

Pump + floater

20m - Ref : 003765

30m - Ref : 004008



#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station

Ref : 002214



Ref : 002212

#### WATERPROOF CONNECTOR KIT

Allows the pump to be connected and disconnected without the strain of a cable

Ref : 000492



#### EVO KEY

Enables you to switch from 1 to 2 pumps

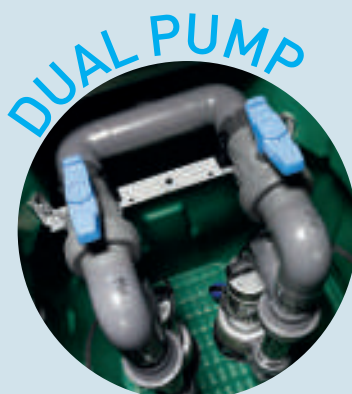
Ref : 003675



# LIFT STATION

# SANIPLUIE 420 DUAL

## CONNECTION KIT 2 PUMPS



COMPLIES WITH  
EN 12050-2

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATION • INDIVIDUAL • RAINWATER

# SANIPLUIE 420 DUAL

## CONNECTION KIT 2 PUMPS

dual  
pump



1

### PRESENTATION

Innovative rainwater lift station for single-family homes and small collective use. Pre-assembled and pre-drilled, the station is ready to install - underground or above ground. It has a large 420-litre volume for greater safety, and a pre-drilled water line at 50 or 60 cm (+ 3 free drilling zones). The lift station is equipped with dual pump (operating in alternating cycles) for user convenience.

### Product Benefits

- ▶ Large volume
- ▶ Deep water inlet -50 or 60 cm, -80 or -90 cm with extension
- ▶ 2 pumps for greater peace of mind
- ▶ Basket can be attached without adjusting
- ▶ Warranty for up to 5 years



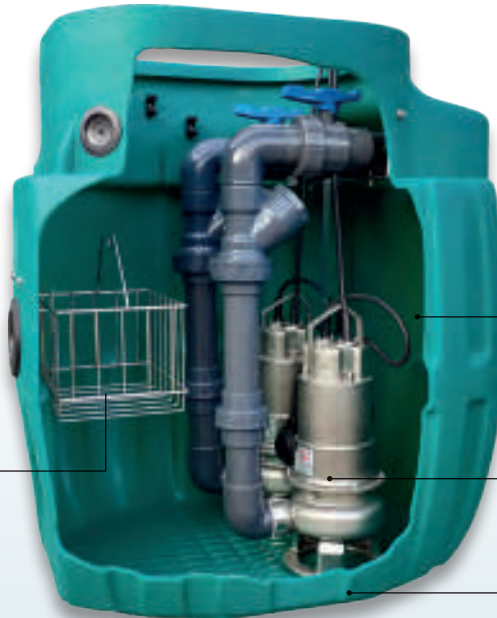
Screen basket en option



DUAL PUMP



Water Inlet Thread  
-50 ou -60 cm\*



Alarm and management  
protection box



Large volume  
420 litres

Pump Single-  
channel

Reinforced  
bottom

COMPLIES WITH  
EN 12050-2

### Supplies

- Complete lift station ready to install
- Installation manual
- Stainless steel screws and bolts
- 2 duct passages Ø 40 ou Ø 50
- 2 PVC pressure isolation valves
- 2 check valves with PVC ball

#### INLET :

- Ø 100 lip seal as standard and/or 3 zones of free drilling
- Lip seal for ventilation Ø 50 or Ø 100 ( optional)

#### OUTPUT :

- Reducer Ø 63/75 F or reducer Ø 50/63 F
- Ø 63 2" threaded end supplied



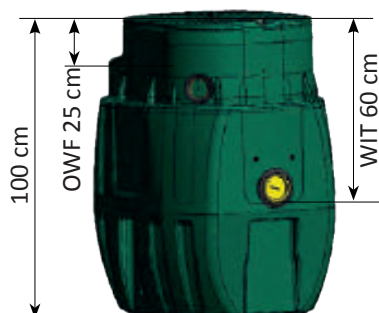
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## TECHNICAL SPECIFICATIONS

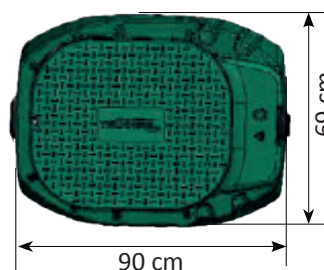
\*WIT : Water Inlet Thread

Station - Pump	WIT (cm)	Flow rate (m³/h)	Discharge reco	References				
				Pump BS2	Pump BS4	Pump EP 100	Pump EP 200	Pump EP 300
Sanipluie 420 DUAL pumps	60	10	Ø 63	004191	004190	-	-	-
	50	15 ou 20	Ø 75	-	-	004187	004186	004146

Side view



Top view



### Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m³/h	Free passage	Int (A)	P1 (kW)	Cond. µ	Weight pump	Station weight
BS2	SS	Single-channel	12,2	15,6	10 mm	4,4	0,55	16	12 kg	42 kg
BS4	SS	Single-channel	18,4	19,8	10 mm	7,3	1,1	60	13,8 kg	43,8 kg
EP 100	SS	Single-channel	11	30	50 mm	3,9	0,9	20	16 kg	46 kg
EP 200	SS	Single-channel	13	36	50 mm	5,9	1,28	25	18 kg	48 kg
EP 300	SS	Single-channel	15	42	50 mm	7,3	1,57	31,5	19,4 kg	49,4 kg

Length (m) of pipeline in PE/PVC Ø 63

10m³/hour	H (m)	10	20	30	40	50	100	150
	9	BS4	BS4	BS4	BS4	NC	NC	NC
	8	BS4	BS4	BS4	BS4	BS4	NC	NC
	7	BS4	BS4	BS4	BS4	BS4	NC	NC
	6	BS4	BS4	BS4	BS4	BS4	BS4	NC
	5	BS2	BS4	BS4	BS4	BS4	BS4	BS4
	4	BS2	BS2	BS2	BS2	BS4	BS4	BS4
	3	BS2	BS2	BS2	BS2	BS2	BS4	BS4
	2	BS2	BS2	BS2	BS2	BS2	BS2	BS4
	1	BS2	BS2	BS2	BS2	BS2	BS2	BS4



Length (m) of pipeline in PE/PVC Ø 75

15m³/hour	H (m)	10	20	30	40	50	100	150
	9	EP300	EP300	NC	NC	NC	NC	NC
	8	EP300	EP300	EP300	EP300	EP300	NC	NC
	7	EP300	EP300	EP300	EP300	EP300	NC	NC
	6	EP200	EP200	EP200	EP300	EP300	EP300	NC
	5	EP200	EP200	EP200	EP200	EP200	EP300	NC
	4	EP100	EP100	EP200	EP200	EP200	EP300	EP300
	3	EP100	EP100	EP100	EP100	EP100	EP200	EP300
	2	EP100	EP100	EP100	EP100	EP100	EP100	EP200
	1	EP100	EP100	EP100	EP100	EP100	EP100	EP200



EP100, EP200, EP300

Length (m) of pipeline in PE/PVC Ø 75

20m³/hour	H (m)	10	20	30	40	50	100	150
	9	NC	NC	NC	NC	NC	NC	NC
	8	NC	NC	NC	NC	NC	NC	NC
	7	EP300	EP300	NC	NC	NC	NC	NC
	6	EP300	EP300	EP300	EP300	NC	NC	NC
	5	EP200	EP300	EP300	EP300	EP300	NC	NC
	4	EP200	EP200	EP200	EP300	EP300	NC	NC
	3	EP100	EP200	EP200	EP200	EP200	NC	NC
	2	EP100	EP100	EP100	EP200	EP200	EP300	NC
	1	EP100	EP100	EP100	EP100	EP100	EP300	NC

# SANIPLUIE 420 DUAL

## CONNECTION KIT 2 PUMPS

dual  
pump



3

### EQUIPMENT AND OPTIONS

#### DISCHARGE PIPE SANIFLEX

High-quality product for sewage discharge  
(Ø 63 ou 75)

Ø 63 - 25m - Ref : 000263

Ø 63 - 50m - Ref : 000264



#### SCREEN BASKET

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)



Ref : 003679

#### EXTENSION OF 30 CM

Only 1 accessory extension per station possible

Ref : 000284



#### QUICK CONNECTION KIT



BS2 - Ref : 003955

BS4 - Ref : 003957

EP100 - Ref : 004535

EP200 - Ref : 004536

EP300 - Ref : 004537

#### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables



Pump + floater

20m - Ref : 003764

30m - Ref : 003763

#### DRILLING Ø 100 mm

To drill, plug and create a new Ø 100 inlet on your lift station



Ref : 002214

Ref : 002212

#### VIGIREL GSM 4G ALARM

Immediate SMS alert to warn of a malfunction. Very easy to install and configure

Ref : 003577



# LIFT STATIONS

# ABOVE-GROUND

## INDIVIDUALS & COLLECTIVES

Made in  
**EUROPE**



COMPLIES WITH  
EN 12050-1

# ABOVE-GROUND

## DOMESTIC LIFT STATIONS

above  
ground

1

### MICROREL

Compact and efficient lift station that allows the discharge of clear water in confined spaces.



### MINIREL

Multi-purpose lift station for the removal of sewage from a single-family home. Plug & play above-ground station for easy installation



3

### COLLECTIREL L320

Dual-pump station for collective (medium) wastewater treatment. Ready to install, compact and robust



### COLLECTIREL XL350

Double pump station for collective sanitation. Compact, high-quality design with large storage capacity





# LIFT STATION **MICROREL** ABOVE-GROUND CLEAR WATER



WASHING  
MACHINE



SHOWER



SINK



COMPLIES WITH  
EN 12050-2

Made in  
**EUROPE**

# MICROREL

## ABOVE-GROUND LIFT STATIONS

above  
ground



1

## PRESENTATION

### SUBMERSIBLE PUMP FOR CLEAR WATER

Complete, space-saving lift station for pumping effluent from washing machines, sinks, dishwashers, showers and bathtubs.

Ready-to-use unit with 1 submersible pump, compact triangular design optimises space (under a sink, for example)

COMPLIES WITH  
EN 12050-2

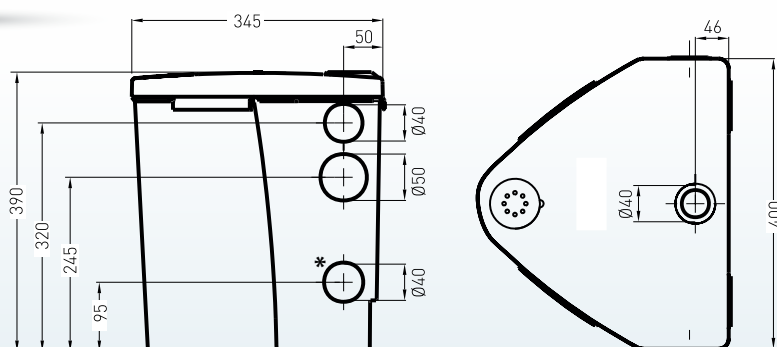
### ENGINE

- 28-litre capacity
- Handles solids up to 10 mm
- Odour-tight lid for aeration and ventilation
- Corrosion-resistant
- 1 pump: automatic level control + non-return valve
- Maximum permissible liquid temperature 40°C; 60°C short-term (max 5 minutes)

### APPLICATIONS



Station	Pump MC102
MICROREL	005415

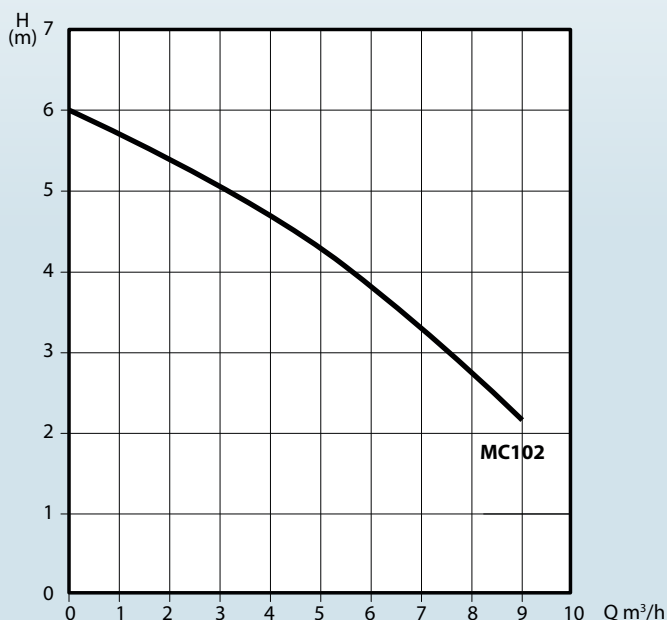


## Product Benefits

- Quality and performance
- Ready to use
- Compact, optimised design

2

## TECHNICAL SPECIFICATIONS



Pump	MC102
Construction	Inox
Wheel	Polyamide
GH Max (m)	6
Free passage (mm)	10
Tension (V)	220-240
Intensity (A)	1,6
P1 (kW)	0,36
Weight (kg)	6,75

# LIFT STATION **MINIREL** ABOVE-GROUND SEWAGE



**PLUG & PLAY**

Plug in and use



COMPLIES WITH  
EN 12050-1

Made in  
**EUROPE**

# MINIREL

## ABOVE-GROUND LIFT STATIONS

above  
ground



1

### PRESENTATION

Innovative, multi-purpose lift station for the removal of sewage from a house. This above-ground lift station has been developed as a plug-and-play solution to facilitate rapid installation. High-quality, it ensures trouble-free, high-performance use. Volume 75 l, water inlet thread -13 cms, optimised for small spaces, making transport and handling easier.

COMPLIES WITH  
EN 12050-1

Cleaning opening

Mandatory ventilation  
DN65/ Ø75

Entrance DN100 Ø110

Entrance DN100 Ø110

Entrance DN100 Ø110

Control panel, waterproof,  
secure and alarm

Cable length  
4 m

Flexible drainpipe Ø90  
(absorbs vibrations)

Built-in non-return  
valve

### Product benefits

- ▶ Pre-set and ready to install  
«plug and play»
- ▶ Ultra-easy installation
- ▶ Qualitative components
- ▶ Easy to transport

Entrance DN 100 Ø110\*

Waste water  
Vortex pump



#### \* EQUIPMENTS INCLUDED :

- 1 sleeve DN75 and reductions 110/90, 110/75, 110/50, 100/110, 50/40, 1x PVC 110
- 1 flexible sleeve, 1 clamping ring, 1 sealing ring, 2 trunnion collars, screws ad tools (TX15 125mm hole saw bit)

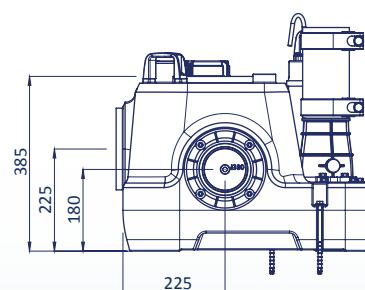
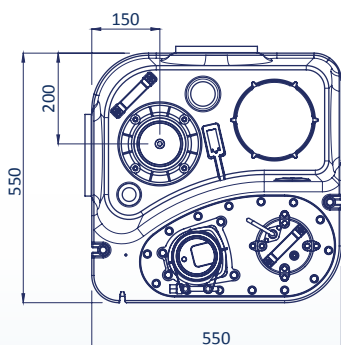
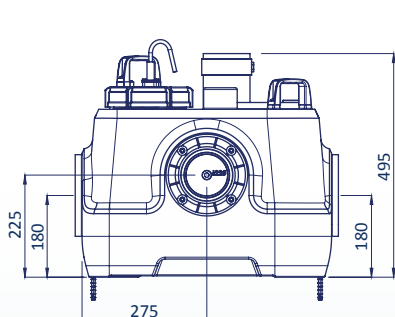


2

## TECHNICAL SPECIFICATIONS

### STATION

Tank - Pump	Volume (l)	L x l x H (mm)	WIT (Water Inlet Thread)	ø entrance	ø backflow	Weight (tank + pump)	MR5013 pump
Minirel	75	550 x 550 x 495	- 13 cm	DN100 110 mm	DN80 90 mm	40 kg	004982



### Chart of pump performance

### PUMP

Const	H max (m)	Q max (m3/h)	Free passage	Current (V)	Int (A)	P2 (kW)
Vortex	12,5	28,5	50 mm	230	6,7	0,75

Discharge length (m) - PVC ø 90										
H (m)	10	20	30	40	50	70	100	150	200	300
10	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
9	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
8	5013	5013	NC	NC	NC	NC	NC	NC	NC	NC
7	5013	5013	5013	5013	5013	5013	NC	NC	NC	NC
6	5013	5013	5013	5013	5013	5013	5013	NC	NC	NC
5	5013	5013	5013	5013	5013	5013	5013	5013	5013	NC
4	5013	5013	5013	5013	5013	5013	5013	5013	5013	NC
3	5013	5013	5013	5013	5013	5013	5013	5013	5013	5013
2	5013	5013	5013	5013	5013	5013	5013	5013	5013	5013
1	5013	5013	5013	5013	5013	5013	5013	5013	5013	5013

NC : Contact us



PVC ø 90

# MINIREL

## ABOVE-GROUND LIFT STATIONS

above  
ground



3

### EQUIPMENTS

#### RECOMMENDED

##### ENTRANCE

KNIFE GATE VALVE  
PVC Ø110

Réf : 000664



&

##### BACKFLOW

KNIFE GATE VALVE  
Ø90 DN80

Réf : 003829



4

### OPTIONS

#### GSM ALARM REPORT\*

Immediate SMS alert to warn in case of malfunctions



Réf : 003657

\* SIM card required

#### VIGIREL BATTERY ALARM

High-level monitoring unit operating on 220 V and also battery-backed



Réf : 000235

#### ADDITIONAL INLET CONNECTION KIT Ø110



Réf : 005103

# LIFT STATION COLLECTIREL L320

## ABOVE-GROUND SEWAGE



COMPLIES WITH  
EN 12050-1

Made in  
**EUROPE**

# COLLECTIREL L320

## ABOVE-GROUND LIFT STATIONS

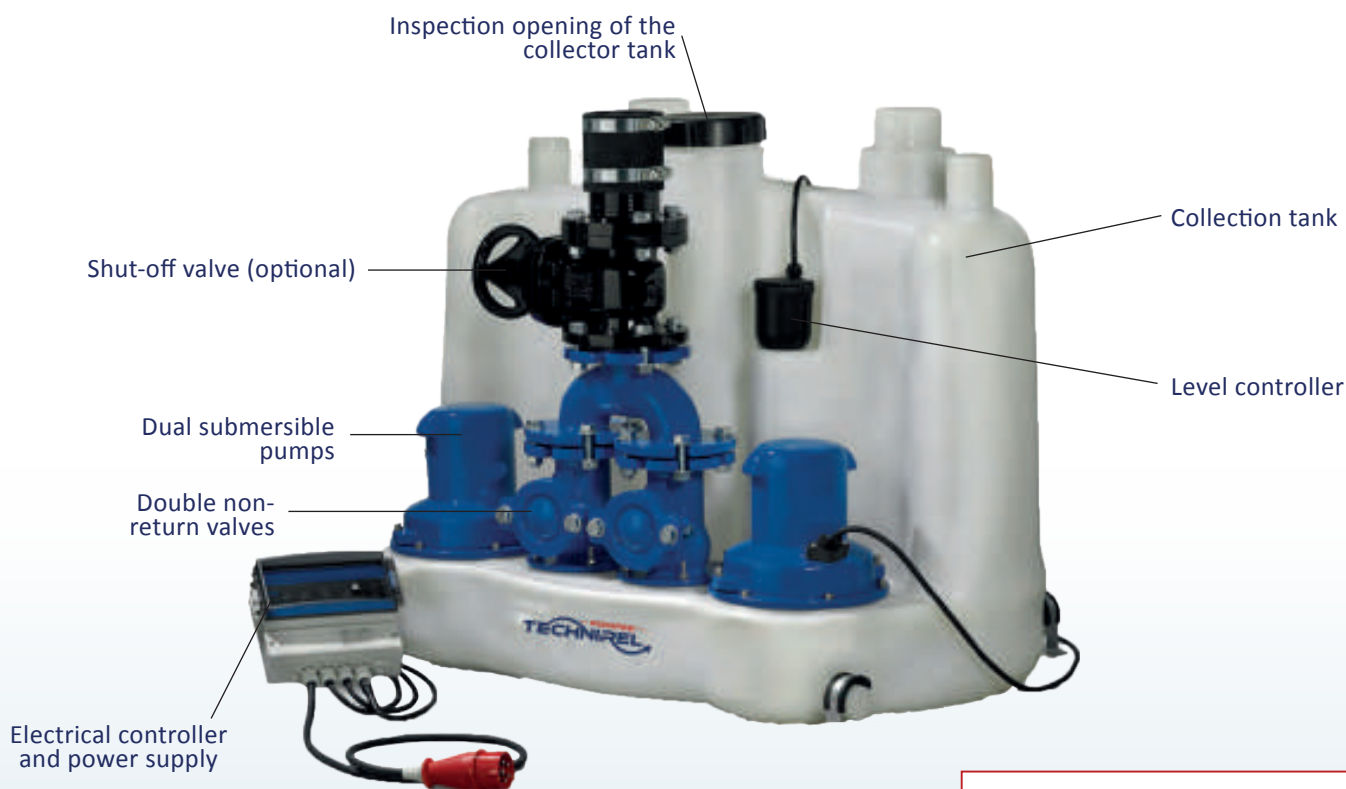
above  
ground



1

### PRESENTATION

Dual -pump station for the wastewater treatment of a medium-sized collective. Efficient automatic pumping of effluents with an integrated dual vortex pump system. Compact and robust ready-to-install lifting station.



COMPLIES WITH  
EN 12050-1

### Product Benefits

- ▶ Mid-sized residential building
- ▶ Ready to install
- ▶ High-performance pumping
- ▶ Easy transport and installation
- ▶ High quality

### Supplies

- Complete lift station
- Double vortex pumps with large flow cross-sections
- Double non-return valves
- Integrated alarm
- Pressure level sensor

#### INLET :

- Variable inlet (DN 150 ) with 90° elbow, two horizontal (DN150 ) and five vertical ( 2 x DN100 /150, 2 x DN70 , 1 x DN 40 )

#### OUTPUT :

- DN80 discharge flange, plus 4' flange socket with sleeves and clips (for DN80 / 100 discharge pipe)

2

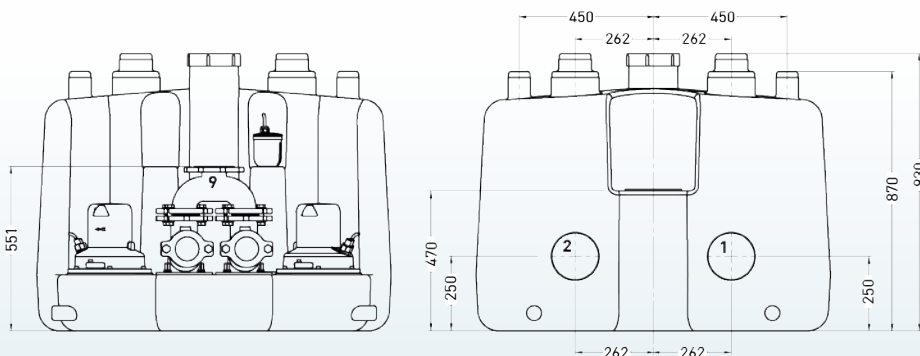
## TECHNICAL SPECIFICATIONS

### TANK

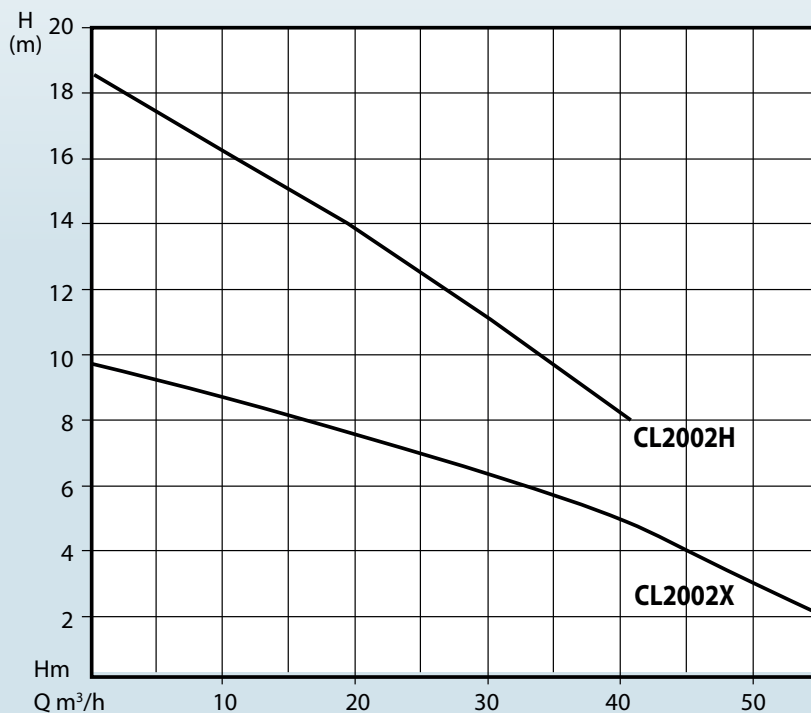
Station - Pump	Volume (l)	L x l x H (mm)	ø inlet	ø output	Weight	Pump CL2002X	Pump CL2002H
Collectirel L320	320	1190 x 750 x 930	Variable DN150	44" DN 100	132 kg	004690	004984

\* Also available as a single- phase version

1. DN150 inlet
2. DN150 inlet
3. DN100/150 inlet
4. DN100/150 inlet
5. DN 150 inlet (variable with 90° elbow)
6. Discharge / inlet DN70
7. Discharge / inlet DN70
8. Inlet / DN 40 diaphragm pump
9. DN80 discharge flange



### Performance curves



Other curves available,  
please contact us.



# COLLECTIREL L320

## ABOVE-GROUND LIFT STATIONS

above  
ground



### 3 EQUIPMENT AND OPTIONS

#### GATE VALVE PVC Ø 160/110

The knife gate valve is used to control and regulate the flow of water in a pipe



Ref Ø110 : 000664

Ref Ø160 : 003590

#### GSM ALARM FORWARDING

Immediate alert by SMS to warn of a malfunction.



Ref : 003657

#### BATTERY-POWERED ALARM REPORT

High-level monitoring unit operating on 220 v and also battery-backed



Ref : 000235

#### DR1 COMPACT PUMP

Pump to secure the installation in the event of overflow



Ref : 004122

#### VALVE PVC Ø 90



Ref : 001298

# LIFT STATION COLLECTIREL XL350

## ABOVE-GROUND SEWAGE



COMPLIES WITH  
EN 12050-1

Made in  
**EUROPE**

# COLLECTIREL XL350

## ABOVE-GROUND LIFT STATIONS

above  
ground



1

### PRESENTATION

Dual pump lift station for waste water treatment of collective construction projects ( buildings, hospitals, hotels, commercial facilities, etc..) Premium performance automatic effluent pumping with integrated dual vortex pump system. Robust, high-performance, ready-to-install lift station.



COMPLIES WITH  
EN 12050-1

### Product Benefits

- ▶ Ready-to-install collective lift station
- ▶ Premium dual pumps
- ▶ Easy transport and installation
- ▶ High-quality station

### Supplies

- Complete lift station
- Premium efficiency dual pumps with high hydraulic performance
- Control panel with bubble compressor and independent alarm
- Pressure level sensor

#### INLET :

- 6 options : 4 horizontal (1 x DN 100, 2 x DN 150, 1 x DN 200) and 2 vertical (1 x DN 100, 1 x DN 150).
- A connection ( DN70) for a discharge pipe and 2 fittings for connecting to a manual pump

#### OUTPUT :

- Pump discharge DN80 or DN100 with flange connection

2

## TECHNICAL SPECIFICATIONS

### TANK

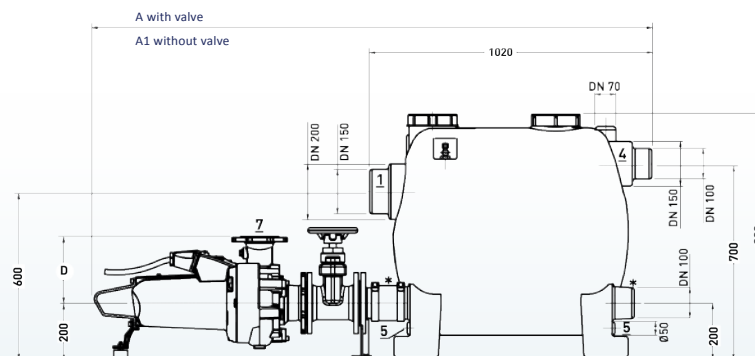
Station - Pump	Volume (l)	L x W x H (mm)	ø inlet	ø discharge	Weight	Pump CXL4013	Pump CXL4022
Collectirel XL350	348	2015 x 750 x 883	Variable DN100-200	DN80 ou DN100	231 kg	004985	004986

### PUMPS

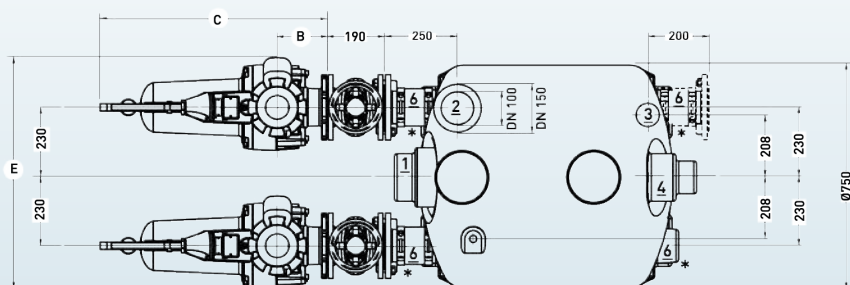
Reference	Const	GH max (m)	Q max (m <sup>3</sup> /h)	Free passage	Current (V)	Int (A)	P1 (kW)
CXL4013	RVS	7	105	75	400	3,6	1,6
CXL4022	RVS	10,5	130	75	400	4,6	2,5

#### CONNEXIONS

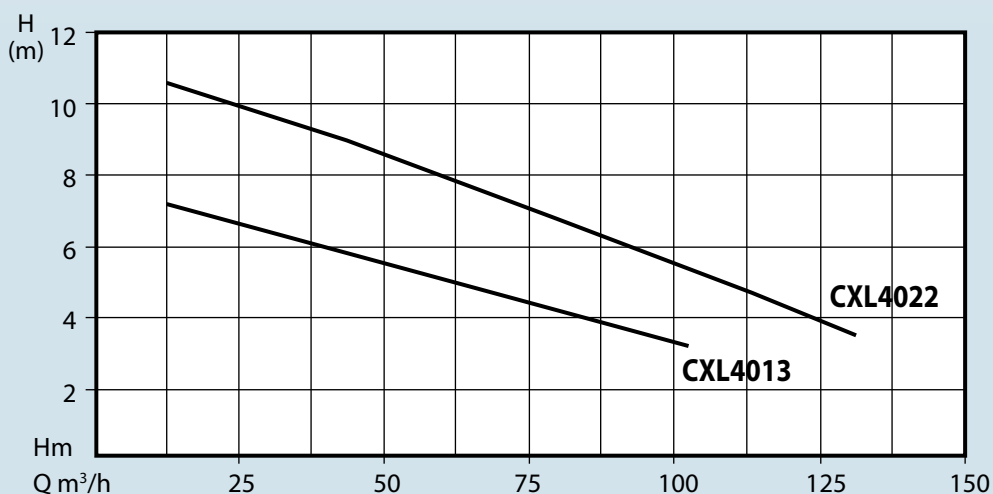
1. Inlet DN 150 / 200
2. Inlet DN 100 / 150
3. Discharge / Inlet DN 70
4. Inlet DN 100 / 150
5. Diaphragm pump DN 40
6. Pump connection DN 100
7. Discharge flange



\* These connection points are only suitable for pump installation and should not be used as inlet openings



### Performance curves



Other curves available, please contact us

# COLLECTIREL XL350

## ABOVE-GROUND LIFT STATIONS

above  
ground



### 3 EQUIPMENT AND OPTIONS

#### VANNE GUILLOTINE PVC Ø 160 / 110

La vanne guillotine est utilisée pour contrôler et réguler le flux d'eau dans un tuyau.



Ref Ø110 : 000664

Ref Ø160 : 003590

#### GSM ALARM FORWARDING

Alerte immédiatement par SMS pour prévenir d'un défaut de fonctionnement



Ref : 003657

#### ALARM FORWARDING SUR BATTERIE

Coffret de surveillance de niveau haut fonctionnant sur 220v et aussi secouru sur batterie



Ref : 000235

#### PUMP DR1 COMPACT

Pump permettant de sécuriser l'installation en cas de débordement



Ref : 004122

#### VANNE PVC Ø 90



Ref : 001298



# LIFT STATIONS COLLECTIVES

LIFT STATIONS • COLLECTIVES • SIMPLE & DUAL PUMPS



**NEW**



COMPLIES WITH  
EN 12050-2

COMPLIES WITH  
EN 12050-1

DESIGNED AND MANUFACTURED IN FRANCE

# COLLECTIVE STATIONS

ALL TYPES OF WATER

simple  
dual  
pumps  
COLLECTIVE

1

## MAXIREL

Pre-wired, pre-drilled lifting station, suitable for all types of wastewater, designed for small, medium, and large collectives



p. 101

## MAXIREL ECO

Lift station with 100% recycled material tank, suitable for small collectives and sewage.

NEW



p. 105

3

## POLYESTER

Lifting station made of fiberglass-reinforced polyester resin, suitable for medium and large collectives, all types of wastewater



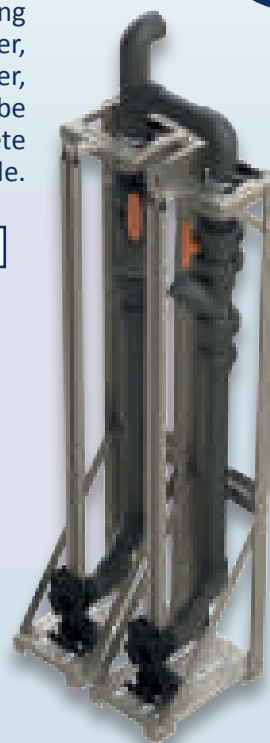
p. 109

NEW

## CONCRETE KIT

Wastewater lifting system for wastewater, clear water, or rainwater, on a chassis to be installed in a concrete manhole.

NEW



p. 111

# LIFT STATION **COLLECTIVE** MAXIREL



COLLECTIVE



TOILETS



NO TOILETS



COMPLIES WITH  
**EN 12050-1**

DESIGNED AND MANUFACTURED IN FRANCE

1

## PRESENTATION

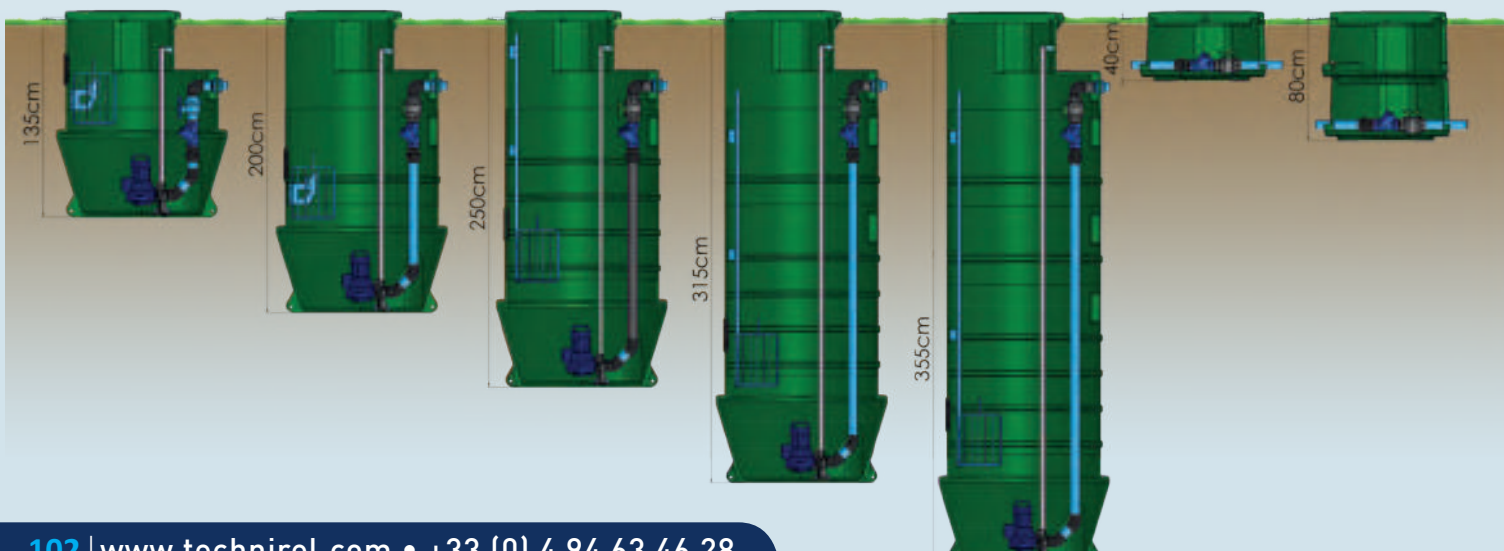
All-water lifting station suitable for small, medium, and large collectives. Pre-assembled, pre-drilled, the station is ready to be installed in green spaces or under roads. The wide range of Maxirel stations provides a complete solution for all configurations

## Product Benefits

- ▶ High-Quality Collective Lifting station
- ▶ Robustness and performance
- ▶ Easy to maintain
- ▶ Pre-assembled station, ready to install



## A wide range of collective stations





2

## TECHNICAL SPECIFICATIONS

### STATION

- Diameter: 100 overall 116cm
- Height : 135 cm, 200 cm, 250 cm, 315 cm, 355 cm
- Canalisation : DN50, DN65, DN80\*
- INLET : PVC 100, 125, 160, 200 max
- Check valves PVC or Cast Iron
- Average thickness : 13 mm
- Cover resistance : 200 kg
- Air ventilation system dial 100 possible
- Cable gland : diam 63 mm 2 x / diam 75 mm x2
- Screen basket

### VALVE CHAMBER

- Diameter : 116cm
- Height : 40 cm, 80cm
- Canalisation : DN50, DN65, DN80\*

\* DN80 is reserved for certain types of pumps.  
Please consult us beforehand.

### Possible installations

#### 1 • GREEN SPACE



- Practical and ideal access
- Easier maintenance

#### 2 • DIRECT SUB-BASE



- No ground footprint
- Increase in the incoming water flow

### Overview of the incoming water flow (WIT)

Station	GREEN SPACE			DIRECT SUB-BASE		
	WIT	WIT (basket)	Raft foundation	WIT	WIT (basket)	Raft foundation
Maxirel 135	65 cm	40 cm	135 cm	95 cm	70 cm	165 cm
Maxirel 200	130 cm	100 cm	200 cm	160 cm	130 cm	230 cm
Maxirel 250	180 cm	150 cm	250 cm	210 cm	180 cm	280 cm
Maxirel 315	245 cm	215 cm	315 cm	275 cm	245 cm	345 cm
Maxirel 355	285 cm	255 cm	355 cm	315 cm	285 cm	385 cm

For all references or estimates, please consult our sales team to review your project



### 3 EQUIPMENT AND OPTIONS

#### VALVE CHAMBER

Allows easy access to the valves and check valves for the maintenance of the pump station.



Ref : please consult us

#### GSM MANAGEMENT AND ALARM CONTROL PANEL

Alarm system with GSM information feedback to notify you of a malfunction. Connected to a floaters (dry contact), it immediately sends an SMS message



Ref : please consult us

#### ANTI-FALL GRID / DE-GRILLING BASKET

Retain the most hazardous items (diapers, glasses, mops, etc.) to best prevent pump blockages



Simple screening basket - ref : 001751

Sliding screening basket - ref : 002161

Fall-prevention grate - ref : 003415

#### BRACKET

Several versions available. from 100 to 300 kg.



Ref : please consult us

#### COMMISSIONING

- Installation of the pumps
- Adjustment of regulators
- Cable routing through conduits
- Connection of pumps and regulators to the control panel
- Testing and adjustments
- Training of personnel on the operation and maintenance of the station

Ref : please consult us



# LIFT STATION MAXIREL ECO

## CONNECTION KIT 2 PUMPS

**NEW**



RESIDENTIAL  
SUBDIVISION



SMALL  
COLLECTIVE USE



TOILETS



100% RECYCLED MATERIAL  
tank

COMPLIES WITH  
EN 12050-1

DESIGNED AND MANUFACTURED IN FRANCE

# MAXIREL ECO

## CONNECTION KIT 2 PUMPS

**NEW**

**dual  
pumps**

**COLLECTIVE  
FOR ALL TYPES OF  
WASTEWATER**

**1**

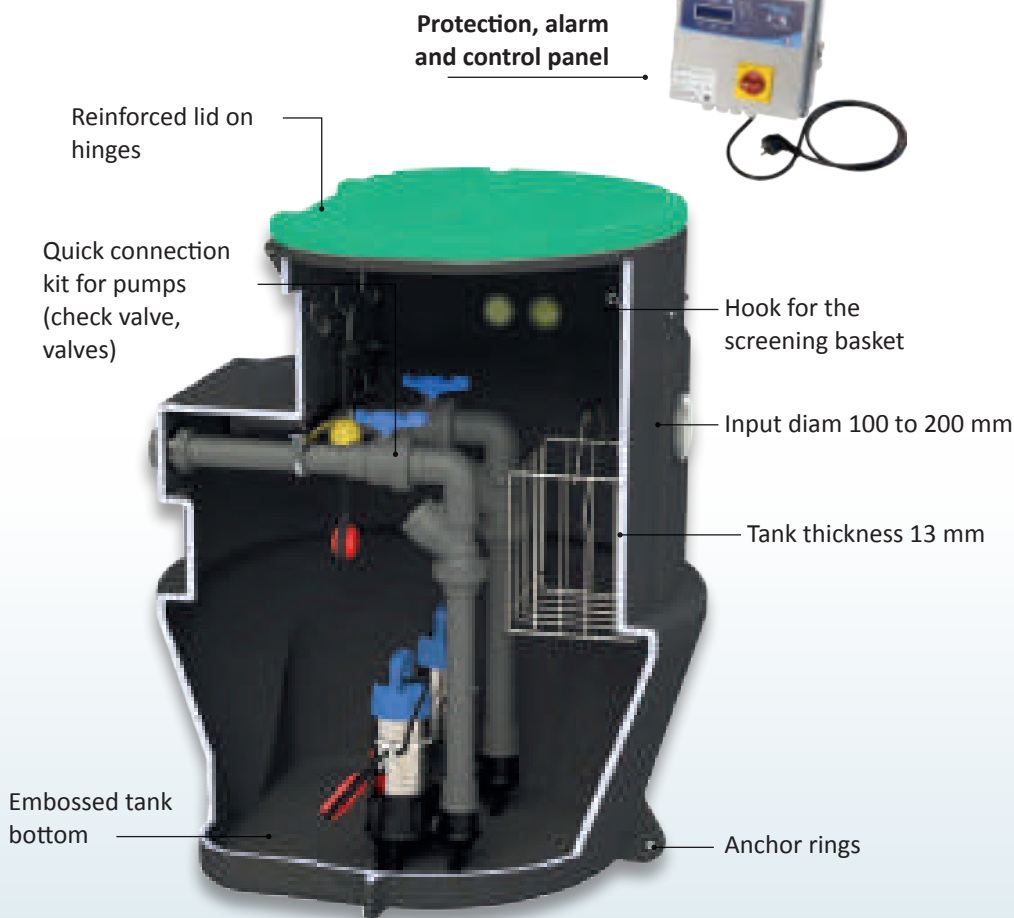
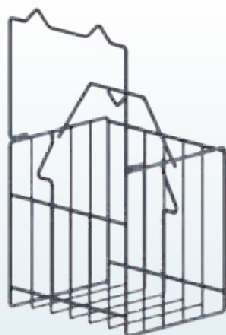
### PRESENTATION

Lifting station suitable for small residential buildings and the lifting of wastewater (sewage) from toilets. Pre-assembled, pre-drilled with quick connection kit for double pumps (alternating cycle operation), the station is ready to be installed (underground or above ground). The lifting station provides peace of mind and safety of use.

### Product Benefits

- ▶ **Small collective use**
- ▶ **Robustness**
- ▶ **Performance**
- ▶ **Ready to install**

Optional screening basket



### Supplies

- Station + control panel + 2 pumps
- Complete lifting station ready to install.
- Warning labels to stick on toilets
- Installation manual
- 2 joints diameter 63 for electrical conduits
- 2 PVC ball isolation valves, pressure-rated, DN 50
- 2 PVC ball check valves, DN 50
- Stainless steel support for regulators
- Chains for pump lifting

#### INLET :

- Joint Ø 100 à 200 mm

#### OUTPUT :

- Ø 63 PVC F
- Ø 63 2" threaded end supplied

**COMPLIES WITH  
EN 12050-1**

Station - Pump	Height (cm)	Volume (L)	WIT* (cm)	References	
				Pump 371	Pump 421
Maxirel Eco 135	135	970	65	005452	005453
Maxirel Eco 200	200	1520	130	005456	005457

\*WIT : Water Inlet Thread - For the S09 and FL15 pumps, please consult our sales tea

# MAXIREL ECO

## CONNECTION KIT 2 PUMPS

**NEW**

2

## TECHNICAL SPECIFICATIONS



Pump selection table

Pumps	Constr.	Wheel	GH max m	Q max m <sup>3</sup> /h	Free passage	Int (A)	P1 (kW)	Cond. μ	Weight pump	Station weight
371	RVS/Inox	Vortex	8	18,8	50 mm	4,2	0,91	16	14,8 kg	132 kg
421	RVS/Inox	Vortex	11,2	28,3	50 mm	7,2	1,5	20	15,4 kg	133 kg



FL15



S09



421



371

Discharge length (m) in Ø 63 mandatory except S09 pump possible in Ø 50										
H (m)	10	20	30	40	50	70	100	150	200	300
25	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
24	FL15	NC	NC	NC	NC	NC	NC	NC	NC	NC
23	FL15	FL15	FL15	FL15	FL15	FL15	NC	NC	NC	NC
22	FL15	FL15	FL15	FL15	FL15	FL15	FL15	NC	NC	NC
21	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	NC	NC
20	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	NC
19	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
18	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
17	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
16	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
15	S09	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15	FL15
14	S09	S09	S09	S09	S09	S09	FL15	FL15	FL15	FL15
13	S09	S09	S09	S09	S09	S09	S09	FL15	FL15	FL15
12	S09	S09	S09	S09	S09	S09	S09	S09	FL15	FL15
11	S09	S09	S09	S09	S09	S09	S09	S09	S09	FL15
10	S09	S09	S09	S09	S09	S09	S09	S09	S09	S09
9	421	S09	S09	S09	S09	S09	S09	S09	S09	S09
8	421	421	421	421	421	421	S09	S09	S09	S09
7	421	421	421	421	421	421	421	S09	S09	S09
6	421	421	421	421	421	421	421	421	S09	S09
5	371	371	371	371	421	421	421	421	421	S09
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1	371	371	371	371	371	371	371	371	371	421

NC : Please consult us



# MAXIREL ECO

## COLLECTIVE STATION

**dual  
pumps**

**COLLECTIVE  
FOR ALL TYPES OF  
WASTEWATER**

3

## EQUIPMENT AND OPTIONS

### DISCHARGE PIPE SANIFLEX

High-quality product for sewage discharge (Ø 63)

25m - Ref : 000263

50m - Ref : 000264



### SCREEN BASKET SIMPLE

Protects lift pumps by avoiding dangerous elements as far as possible (nappies, tampons, wipes, cloths...)

Ref : 001751



### GSM ALARM FORWARDING

Immediate SMS alert to warn of a malfunction. Very easy to install and configure



Ref : 003657

### QUICK CONNECTION KIT

371 - Ref : 005483

421 - Ref : 005486



### CABLE EXTENSION

Cable with waterproof connector kit to extend your pump or float cables

Pump + floater

20m - Ref : 003782

30m - Ref : 003968



### PROTELEK CABINET

Cabinet with a base designed to protect the control box.

Cabinet : 600 x 400 x 230 mm

Base : 400 x 300 x 230 mm

Ref : 003736



### COMMISSIONING

- Installation of the pumps
- Adjustment of regulators
- Cable routing through conduits
- Connection of pumps and regulators to the control panel
- Testing and adjustments
- Training of personnel on the operation and maintenance of the station

Ref : please consult us





# LIFT STATION COLLECTIVE POLYESTER



**NEW**

Non-contractual photo



COMPLIES WITH  
EN 12050-1

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATIONS • POLYESTER STATION • COLLECTIVES

# POLYESTER

## COLLECTIVE STATION

simple  
dual  
pumps

COLLECTIVE  
FOR ALL TYPES OF  
WASTEWATER

1

## PRESENTATION

Lifting station made of fiberglass-reinforced polyester resin, suitable for medium and large collectives. Pre-assembled, pre-drilled, the station is ready to be installed for the pumping of sewage, clearwater and stormwater. The polyester station will be preferred for projects with high flows and significant head heights.

## Product Benefits

- Quality and robustness
- Very deep incoming water line
- Tank height up to 7 meters
- Large tank diameter

2

## TECHNICAL SPECIFICATIONS

- Manufactured from fiberglass-reinforced polyester resin
- Filament winding
- Upper flange with integrated support for guide bars
- Double stainless steel guide bars
- Handling hooks
- Smooth gel-coat bottom. Its conical shape allows self-cleaning
- Level regulator support
- Lower flange for ballast and stability of the buried station
- Welded PVC inlet
- Possible height up to 7 meters
- 2 electrical cable conduits, 90mm
- Optional lid depending on landscaping installation
- 2 lids available: lockable simple polyester or hinged aluminum



Non-contractual photo

3

## AVAILABLE EQUIPMENT AND OPTIONS

- 2 pumps
- DN50, 65, 80, 100, 150 valve and check valve assembly
- Flanged valves and check valves
- PVC or stainless steel piping
- Jib crane and support
- Fall prevention grille
- Screen basket
- Ladder with retractable hook
- Intermediate technical floor
- Grounding rod
- Cable entry for electronics
- Valve chamber

# LIFT STATION CONCRETE KIT

CHÂSSIS - SEMI FINISHED - BULK KIT DN50, 65 OR 80



COLLECTIVE



TOILETS

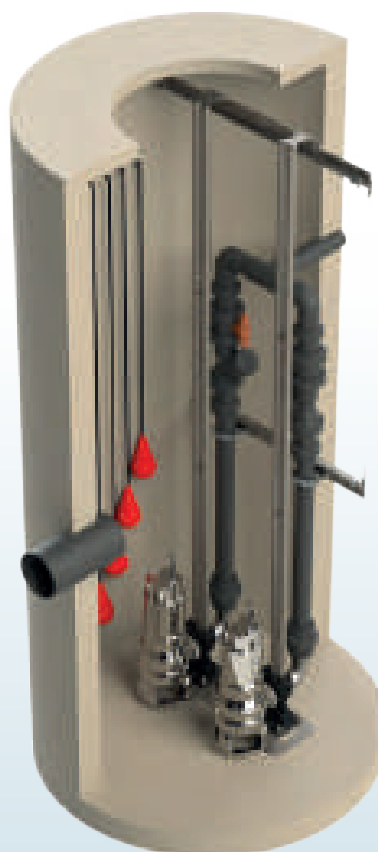


no TOILETS

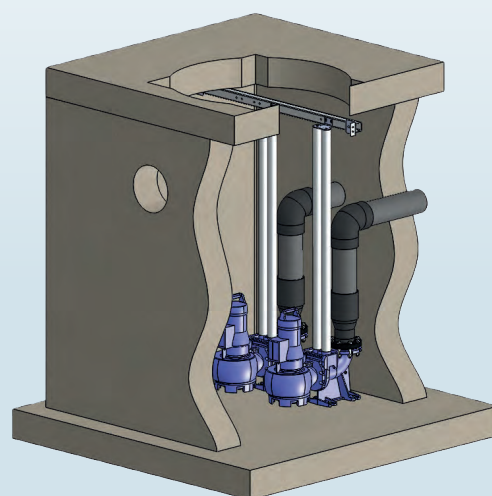
**NEW**



CHÂSSIS



SEMI-FINISHED



BULK KIT

DESIGNED AND MANUFACTURED IN FRANCE

LIFT STATIONS • CONCRETE KIT • COLLECTIVES

# CHÂSSIS DN50, 65, 80

concrete  
chamber



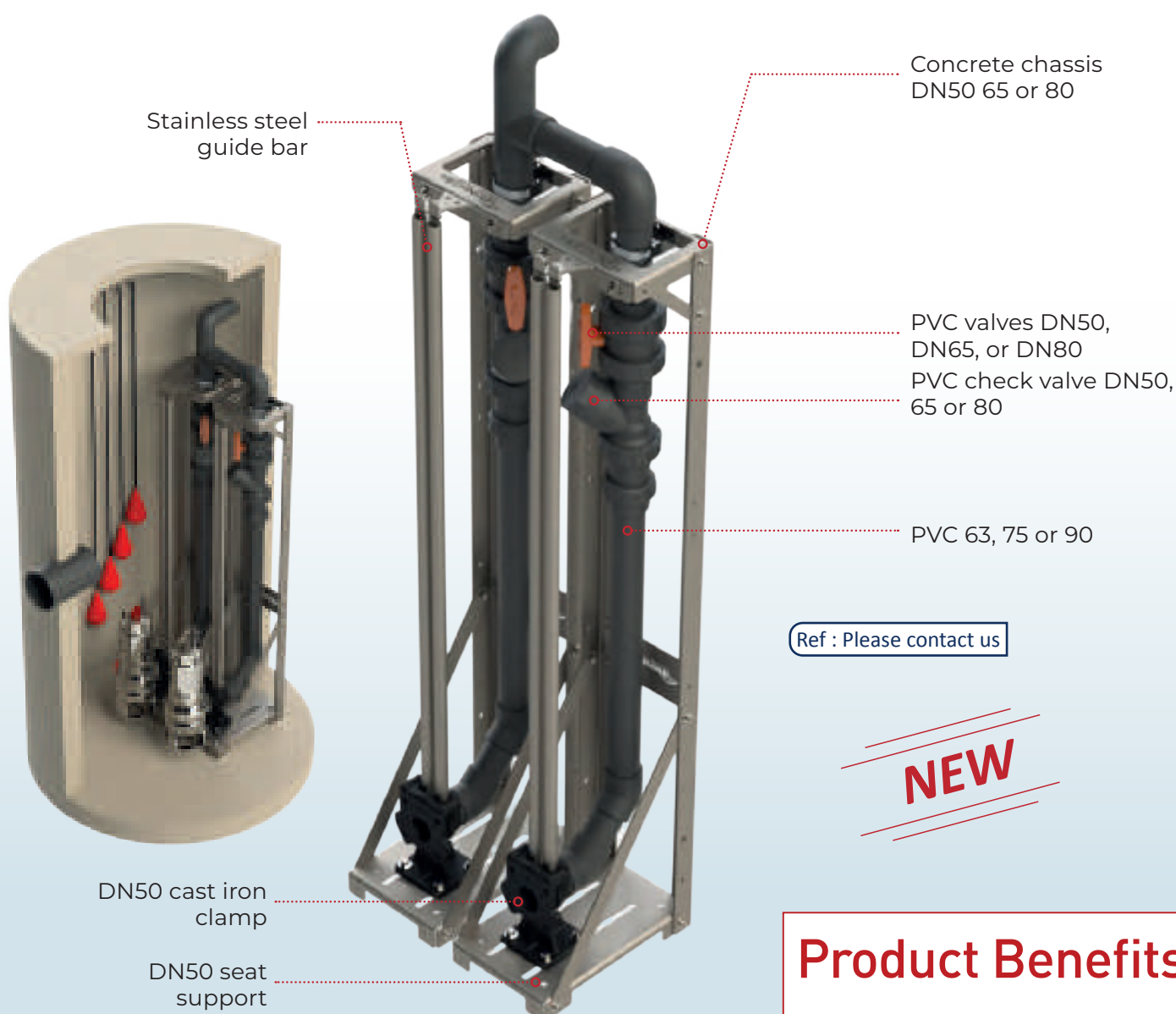
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## PRESENTATION

Wastewater lifting system for sewage, clear, and stormwater on a chassis to be installed in a concrete manhole. The complete kit is pre-assembled in the factory (check valve, valve, guide rods, fittings, PVC) for quick and efficient installation at the bottom of the concrete manhole.

The chassis are available in DN 50, DN 65, and DN 80, with stainless steel guide rods and RVS hooks.

The choice of pump is adaptable based on the lifting requirements.



Stainless steel  
guide bar

Concrete chassis  
DN50 65 or 80

PVC valves DN50,  
DN65, or DN80  
PVC check valve DN50,  
65 or 80

PVC 63, 75 or 90

Ref : Please contact us

**NEW**

DN50 cast iron  
clamp

DN50 seat  
support

### Special Note

Recommended maximum manhole height

- < 4 m = Concrete kit
- > 4 m = Pre-equipped station

## Product Benefits

- Pre-assembled chassis
- Easy to install
- Robust and efficient

# SEMI FINISHED DN50, 65, 80

1

## PRESENTATION

Semi-finished lifting system for sewage, clear, and stormwater, allowing for complete assembly in a concrete manhole

The semi-finished kits are available with 2 pumps in DN 50, DN 65, and DN 80. They include all the necessary components for assembly.

- PVC lengths and fittings
- Stainless steel guide bar
- Cast iron seat support with clamp
- Check valve and isolation valve
- Stainless steel fastening bar
- Stainless steel screws and bolts

The bottom plates make it easier to assemble the different components of the concrete kit.



Ref : Please consult us

**NEW**

### Special Note

Recommended maximum manhole height

- < 4 m = Concrete kit
- > 4 m = Pre-equipped station

## Product Benefits

- ▶ Factory pre-assembled kit
- ▶ Fully equipped for installation
- ▶ Great value option



# BULK CONCRETE KIT LARGE DIAMETERS

concrete  
kit



1

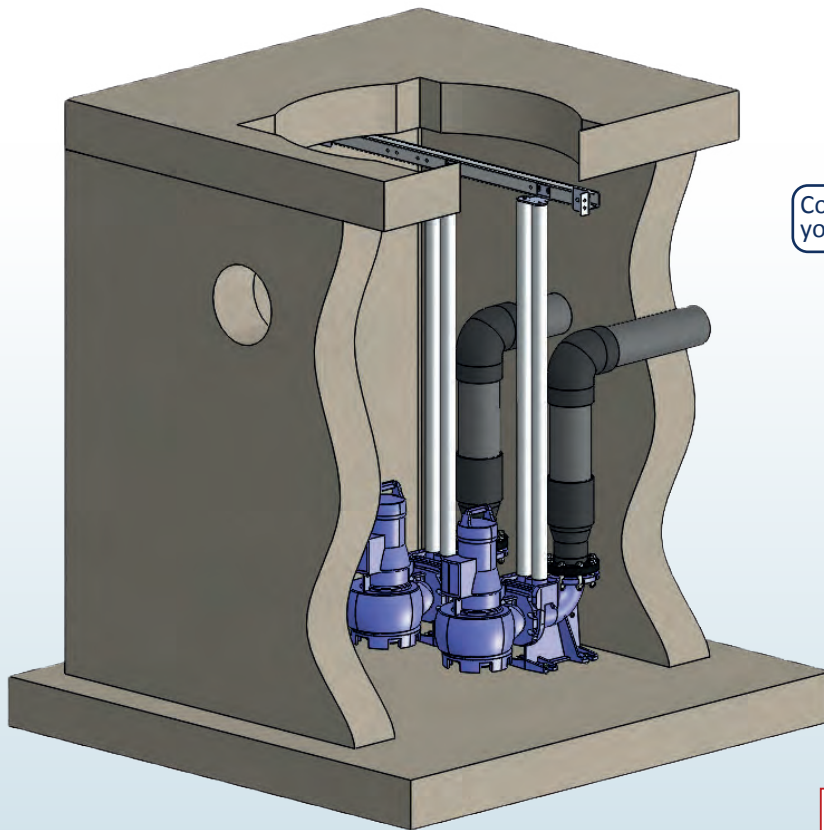
## PRESENTATION

The bulk concrete kit provides all the necessary equipment to install and adapt your lifting system with complete autonomy

**Pre-assembled set, ready to be installed by the customer, including :**

- 2 PVC ball valves with full bore, pressure-rated, isolation type, DN 80.
- 2 PVC ball check valves with full bore, DN 80
- 2 RVS seat feet DN80 with claws for automatic connection
- 2 stainless steel guide bars for the pumps
- 1 triple support for regulators
- PVC pressure pipes, fittings, elbows, tees

**NEW**



Contact us to customize  
your project

## Product Benefits

- ▶ Suitable for high flow
- ▶ Complete kit to facilitate installation
- ▶ Adaptable according to configurations
- ▶ Installation autonomy

# LIFT PUMPS

SEWAGE, CLEAR OR RAINWATER



# SELECTION GUIDE

## LIFT PUMPS

**NEW**



### SEWAGE

	408	358	412	371	421	414	EU	431	441	
Construction	Inox	Inox	Inox	RVS/Inox	RVS/Inox	Inox	Inox	RVS/Inox	RVS/Inox	
Wheel	Vortex									
GH max (m)	7,7	7,5	10,5	8	11,2	14,0	7,5 - 17	13,1	15,8	
Q max (m³/h)	24	15	30	18,8	28,3	27	23 - 47	35,9	43,4	
Free passage (mm)	50	50	50	50	50	50	50	50	50	
Mono voltage	▶	▶	▶	▶	▶	▶	▶	▶	▶	
Tri voltage					▶	▶	▶		▶	
Weight (kg)	14	9,6	11,7	14,8	15,4	14	16 - 26	26	27,2	
Learn more	<a href="#">p118</a>	<a href="#">p120</a>	<a href="#">p120</a>	<a href="#">p119</a>	<a href="#">p119</a>	<a href="#">p118</a>	<a href="#">p126</a>	<a href="#">p121</a>	<a href="#">p121</a>	



### WASTEWATER

	DR1	BS2	BS4
Construction	Inox	Inox	Inox
Wheel	Monocan.	Monocan.	Monocan.
GH max (m)	7	13,1	18,4
Q max (m³/h)	9	15,6	19,8
Free passage (mm)	10	10	10
Mono voltage	▶	▶	▶
Tri voltage			
Weight (kg)	4,4	12	13,8
Learn more	<a href="#">p129</a>	<a href="#">p128</a>	<a href="#">p128</a>

### CLEAR WATER, LOW FLOW

DR1	DR1 Multifonc.	DR1 Compact	BS2/BS4
Inox	Inox	Inox	Inox
Monocan.	Monocan.	Monocan.	Monocan.
7	7	7	13,1-18,4
9	9	9	15,6-19,8
10	10	10	10
▶	▶	▶	▶
4,4	5,5	5,4	12-13,8
<a href="#">p129</a>	<a href="#">p131</a>	<a href="#">p130</a>	<a href="#">p128</a>



	SEWAGE										
	6511	6521	6531	8011	8021	8031	Amaporter*	KSB ARX*	GRI S09	GRI FL15	GRP*
	RVS/ Inox	RVS/ Inox	RVS/ Inox	RVS/ Inox	RVS/ Inox	RVS/ Inox	RVS	RVS	RVS/ Inox	RVS/Inox	RVS
	Vortex								Grinder pump		
	11	13	17	11	13	17	8 - 12,5	5 - 40	18	27 - 29	20 - 52
	36	36 - 43	52	36	36 - 43	52	30 - 40	18 - 100	12	29	12 - 28
	65	65	65	65	65	65	65	40 - 100	-	-	-
	▶	▶		▶	▶		▶		▶	▶	▶
	▶	▶	▶	▶	▶	▶		▶		▶	▶
	26,3	28,5	29,6	26,3	28,5	29,3	23	64 - 98	23	20 - 23	27 - 56
	p122	p122	p122	p123	p123	p123	Consult us	Consult us	p124	p125	Consult us

\* Several pump models available, please contact us.



CLEAR WATER, HIGH FLOW			
EP	Amaporter	DML/V*	KSB ARX*
Inox	RVS	RVS	RVS
Monocan.	Vortex	Monocan.	Vortex
11 - 23	8 - 12,5	16 - 40	5 - 40
30 - 54	30 - 40	95 - 320	18 - 100
50	65	76	40 - 100
▶	▶		
▶		▶	▶
16 - 25	23	87 - 232	64 - 98
p127	Consult us	Consult us	Consult us

SPECIAL WATER	
AMA DRAINER*	HOMA H313*
Poly propylène	RVS
Monobloc	Multican.
6,8 - 10	10 - 12,2
8 - 12	0 - 26
18 - 35	10 - 28
▶	▶
	▶
5,4 - 5,6	18 - 20
Consult us	Consult us

HP
PMF 10
Inox
Monocan.
60
4,8
10 - 28
▶
16,5
Consult us

# PUMPS 408, 414

## VORTEX, SEWAGE, MONO/TRI

pumps

vortex



1

## PRESENTATION

Submersible pump specially designed for pumping and drainage of wastewater with a maximum passage diameter of 50 mm. Pump body made of AISI304 stainless steel and vortex stainless steel impeller. Motor shaft made of stainless steel. Double sealing with an intermediate oil chamber + mechanical seal on the impeller side made of silicon carbide, extremely resistant to abrasion and wear.



INDIVIDUAL



TOILETS

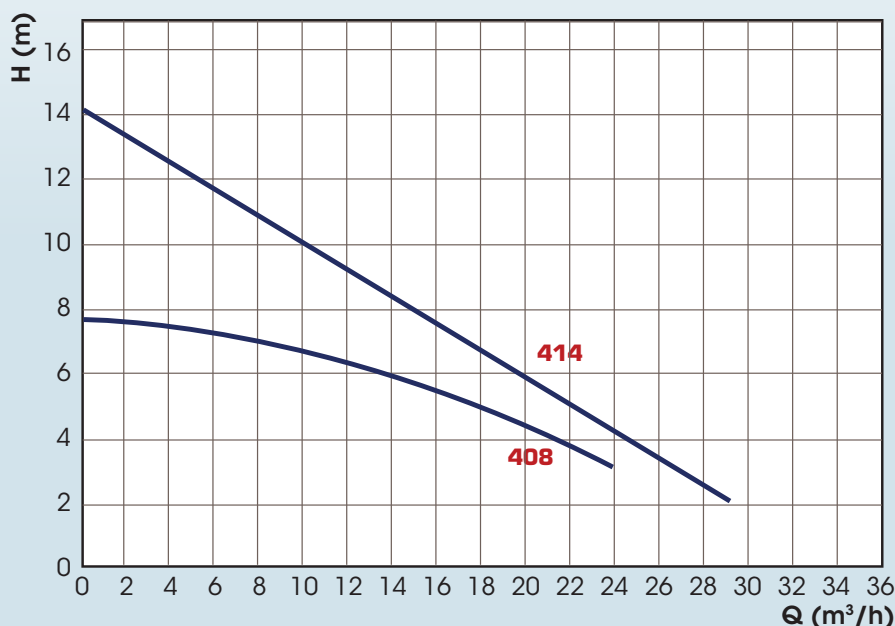


COMPLIES WITH  
EN 12050-1

Pump	408		414		
Reference	000826	000842	002114	002113	002638
Auto/manu	Auto	Manu	Auto	Manu	Manu
Construction	Inox		Inox		
Wheel	Vortex		Vortex		
Lifting pump event	Yes		Yes		
GH Max (m)	7,7		14,0		
Q max (m³/h)	24		27		
Free passage	50 mm		50 mm		
Voltage	Mono	Mono	Mono	Mono	Tri
Intensity (A)	4,8		12		3,7
P1 (kW)	1,1		2,40		
P2 (kW)	0,75		1,50		
Condens. µF	22		30		
Output	2" F		2" F		
Weight (kg)	14		14		

2

## TECHNICAL SPECIFICATIONS



## Product Benefits

- Quality and efficiency
- Robustness and performance
- Passage Ø 50 mm



# PUMPS 371, 421

## VORTEX, SEWAGE, MONO/TRI

**NEW**

1

### PRESENTATION

Automatic submersible pumps DN50 vortex, robustly designed in cast iron and stainless steel, engineered to efficiently pump wastewater (WC) from a single-family home



INDIVIDUAL



TOILETS



COMPLIES WITH  
EN 12050-1

Pump	371	421	
Reference	004969	004970	004980
Auto/manu	Auto	Auto	Manu
Construction	RVS/Inox	RVS/Inox	RVS/Inox
Wheel	Vortex	Vortex	Vortex
GH max (m)	8	11,2	10
Q max (m³/h)	18,8	28,3	28,2
Free passage	50 mm	50 mm	50 mm
Voltage	Mono	Mono	Tri
Intensity (A)	4,2	7,2	2,5
P1 (kW)	0,91	1,5	1,5
P2 (kW)	0,37	0,75	0,75
Temp. max (°C)	40	40	40
Output	2"	2"	2"
Weight (kg)	14,8	15,4	16,8

2

### TECHNICAL SPECIFICATIONS



### Product Benefits

- ▶ Quality and performance
- ▶ Reliability and durability
- ▶ Cast iron / stainless steel construction
- ▶ Vertical discharge
- ▶ Double mechanical seal

LIFT PUMP • VORTEX • SEWAGE

# PUMPS 358, 412

## VORTEX, SEWAGE, MONO

pumps

vortex



INDIVIDUAL



TOILETS

1

## PRESENTATION

Completely constructed in AISI 304 stainless steel. These pumps operate fully submerged in the pumped liquid, which ensures external cooling of the motor. Pump with vortex-type impeller. Automatic version (AUT) equipped with a float switch.



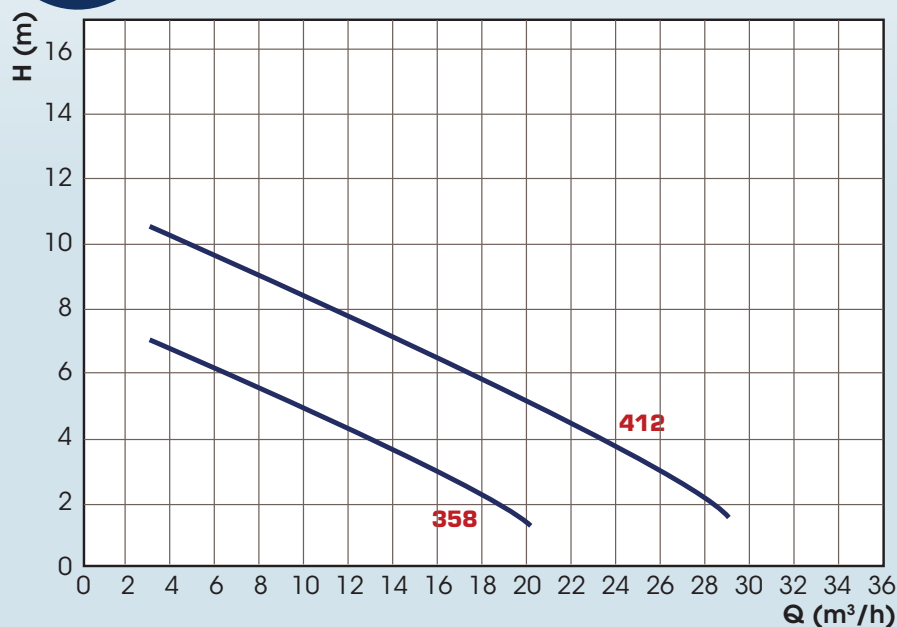
COMPLIES WITH  
EN 12050-1



Pump	358		412	
Reference	000736	000508	000737	000694
Auto/manu	Auto	Manu	Auto	Manu
Construction	Inox		Inox	
Wheel	Vortex		Vortex	
Event PUMP	Yes		Yes	
GH Max (m)	7,5		10,5	
Q Max (m <sup>3</sup> /h)	15		30	
Free passage	50 mm		50 mm	
Voltage	Mono		Mono	
Intensity (A)	4,4		7	
P1 (kW)	1,00		1,55	
Condens. $\mu$ F	14		20	
Output	2" M		2" M	
Weight (kg)	9,6		11,7	

2

## TECHNICAL SPECIFICATIONS



## Product Benefits

- Quality and efficiency
- Robustness and performance
- Passage  $\varnothing$  50 mm

# PUMPS 431, 441

## VORTEX, SEWAGE, MONO/TRI

**NEW**

1

### PRESENTATION

Manual submersible pumps DN 50 with vortex impeller, designed in cast iron and stainless steel, to efficiently and effectively pump wastewater (WC) from a residence. IP 68 protection.



INDIVIDUAL



TOILETS



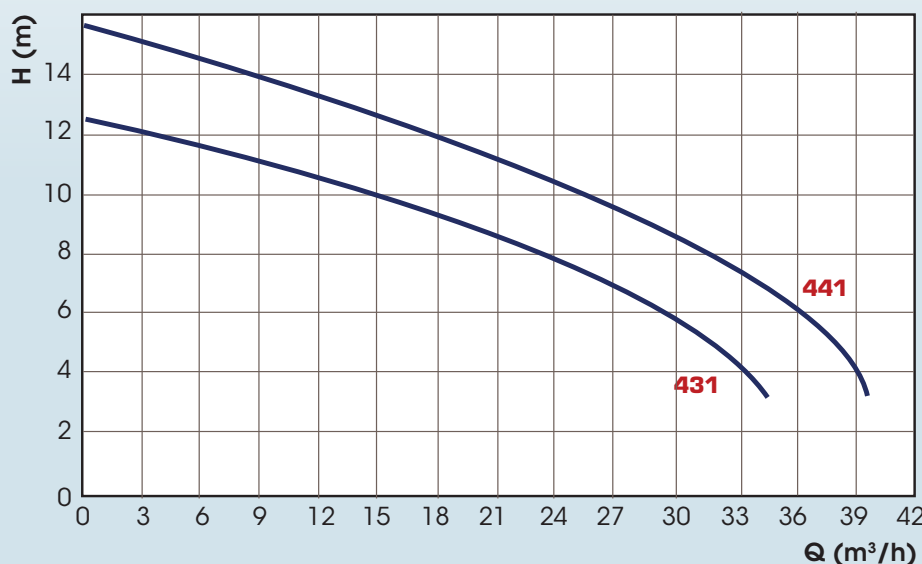
COMPLIES WITH  
EN 12050-1

Pump	431	441	
Reference	004978	004979	004981
Auto/manu	Manu	Manu	Manu
Construction	RVS/Inox	RVS/Inox	RVS/Inox
Wheel	Vortex	Vortex	Vortex
GH Max (m)	13,1	15,8	15,8
Q max (m³/h)	35,9	43,4	43,4
Free passage	50 mm	50 mm	50 mm
Voltage	Mono	Mono	Tri
Intensity (A)	9	12	4
P1 (kW)	1,8	2,1	2,2
P2 (kW)	1,1	1,5	1,5
Temp. max (°C)	40	40	40
Output	2"	2"	2"
Weight (kg)	26	27,2	27,2

LIFT PUMP • VORTEX • SEWAGE

2

### TECHNICAL SPECIFICATIONS



### Product Benefits

- ▶ Quality and performance
- ▶ Reliability and durability
- ▶ RVS / stainless steel construction
- ▶ Double mechanical seal

# PUMPS 6511, 6521, 6531

VORTEX, SEWAGE, MONO/TRI

**NEW**

**pumps**

**vortex**



**1**

## PRESENTATION

Manual submersible pumps with vortex impeller, designed in cast iron and stainless steel, to efficiently and effectively pump wastewater (WC) from a small residential complex.

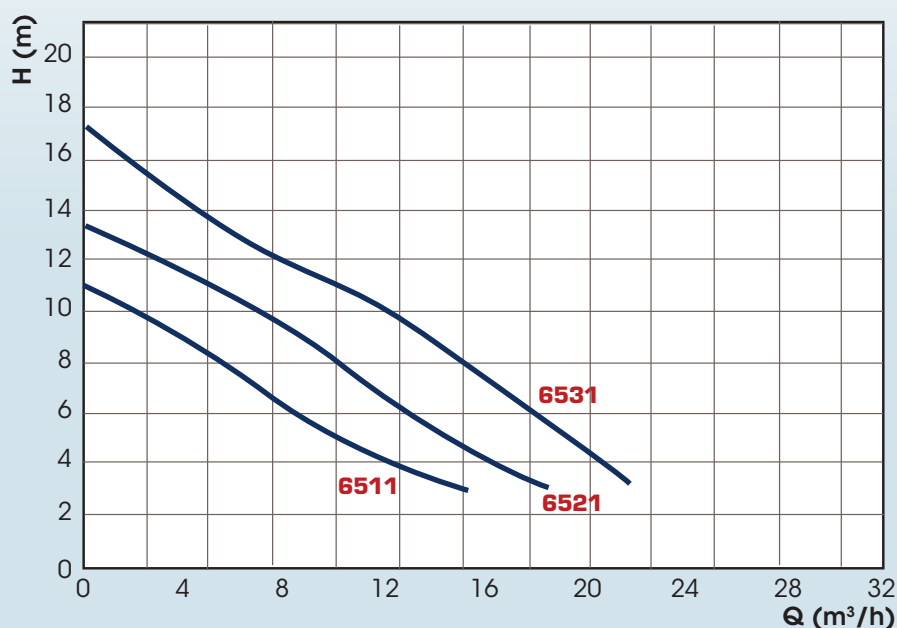


COMPLIES WITH  
EN 12050-1

Pump	6511		6521		6531
Reference	004971	004972	005035	005036	004973
Auto/manu	Manu	Manu	Manu	Manu	Manu
Construction	RVS/Inox	RVS/Inox	RVS/Inox	RVS/Inox	RVS/Inox
Wheel	Vortex	Vortex	Vortex	Vortex	Vortex
GH max (m)	11	11	13,1	13	17
Q max (m³/h)	36	36	35,9	43,2	52,2
Free passage	65 mm	65 mm	65 mm	65 mm	65 mm
Voltage	Mono	Tri	Mono	Tri	Tri
Intensity (A)	10	3,2	12	4	6,3
P1 (kW)	1,7	1,7	2,05	2,05	3,3
P2 (kW)	1,1	1,1	1,5	1,5	2,2
Temp. max (°C)	40	40	40	40	40
Output	2"	2"	2"	2"	2"
Weight (kg)	26,3	26,3	28,5	28,5	29,6

**2**

## TECHNICAL SPECIFICATIONS



## Product Benefits

- ▶ Quality and performance
- ▶ Reliability and durability
- ▶ RVS / stainless steel construction
- ▶ Double mechanical seal

# PUMPS 8011, 8021, 8031

## VORTEX, SEWAGE, MONO/TRI

**NEW**

1

### PRESENTATION

Manual submersible pumps DN80 vortex, robustly designed in cast iron and stainless steel, engineered for high-performance discharge of heavily loaded and/or soiled wastewater (including sewage) in a collective project.

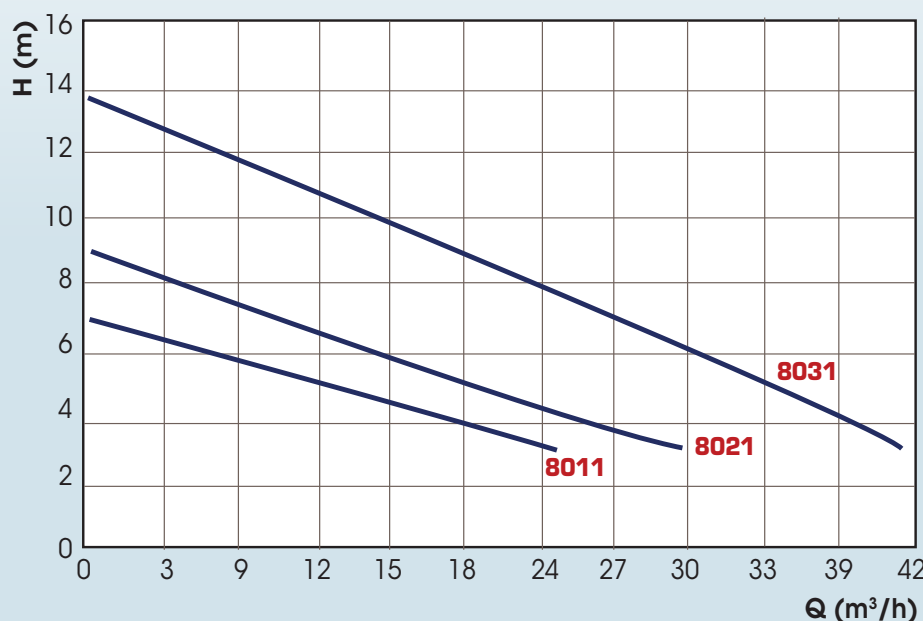


COMPLIES WITH  
EN 12050-1

Pump	8011		8021		8031
Reference	005033	005034	004974	004975	004976
Auto/manu	Manu	Manu	Manu	Manu	Manu
Construction	RVS/ Inox	RVS/ Inox	RVS/ Inox	RVS/ Inox	RVS/ Inox
Wheel	Vortex	Vortex	Vortex	Vortex	Vortex
GH max (m)	11	11	13,1	13	17
Q max (m³/h)	36	36	35,9	43,2	52,2
Free passage	65 mm	65 mm	65 mm	65 mm	65 mm
Voltage	Mono	Tri	Mono	Tri	Tri
Intensity (A)	10	3,2	12	4	6,3
P1 (kW)	1,7	1,7	2,05	2,05	3,3
P2 (kW)	1,1	1,1	1,5	1,5	2,2
Temp. max (°C)	40	40	40	40	40
Output	2"	2"	2"	2"	2"
Weight (kg)	26,3	26,3	28,5	28,5	29,6

2

### TECHNICAL SPECIFICATIONS



### Product Benefits

- ▶ Quality and performance
- ▶ Reliability and durability
- ▶ Intensive use
- ▶ Double mechanical seal

LIFT PUMP • VORTEX • SEWAGE



# PUMP S09

## GRINDER PUMP, SEWAGE, MONO

**grinder**  
pump



1

## PRESENTATION

Submersible pump specifically designed for pumping heavily loaded water. Equipped with a grinder system for shredding. The fully sealed and submersible motor forms a robust and compact unit with the pump body.



INDIVIDUAL



TOILETS

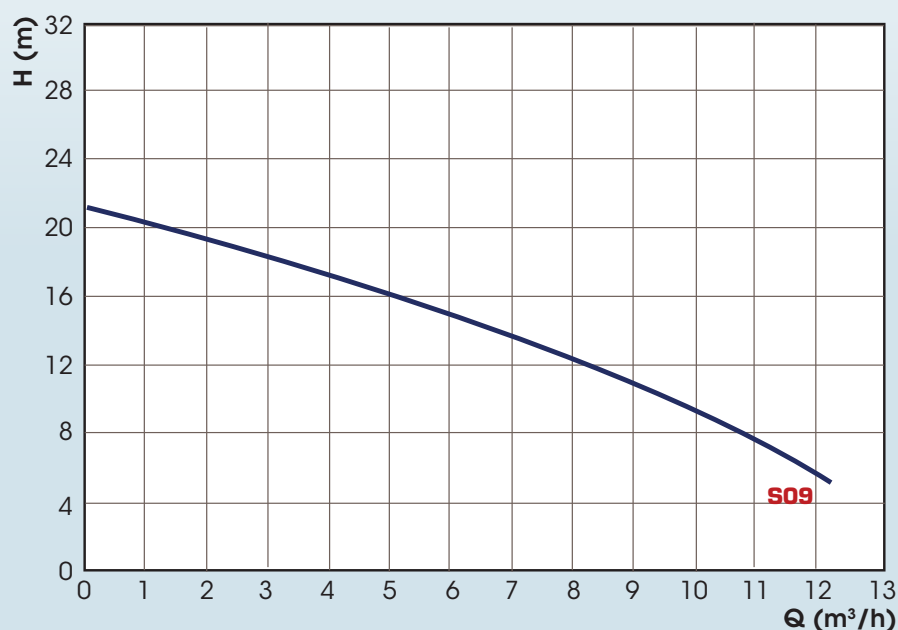


COMPLIES WITH  
EN 12050-1

Pump	S09	
Reference	003801	003802
Auto/manu	Auto	Manu
Construction	Inox/RVS	Inox/RVS
Wheel	Grinder pump	Grinder pump
GH Max (m)	18	18
Q Max (m <sup>3</sup> /h)	12	12
Voltage	Mono	Mono
Intensity (A)	11,6	11,6
P1 (kW)	2,56	2,56
P2 (kW)	1,84	1,84
Condensateur	40 µF	40 µF
Output	1" 1/4F	1" 1/4F
Weight (kg)	23	23

2

## TECHNICAL SPECIFICATIONS



## Product Benefits

- ▶ Grinder system
- ▶ Quality and efficiency
- ▶ Robust, compact and efficient

# PUMP GRI FL15

## GRINDER PUMP, SEWAGE, MONO/TRI

NEW

1

### PRESENTATION

Submersible pump equipped with an efficient and highly reliable grinding system for lifting heavily loaded water. The system transforms solids into a pumpable fluid. The impeller and grinding plate are designed to ensure effective and dependable shredding, virtually eliminating the risk of clogging or blockage.



INDIVIDUAL



TOILETS



COMPLIES WITH  
EN 12050-1

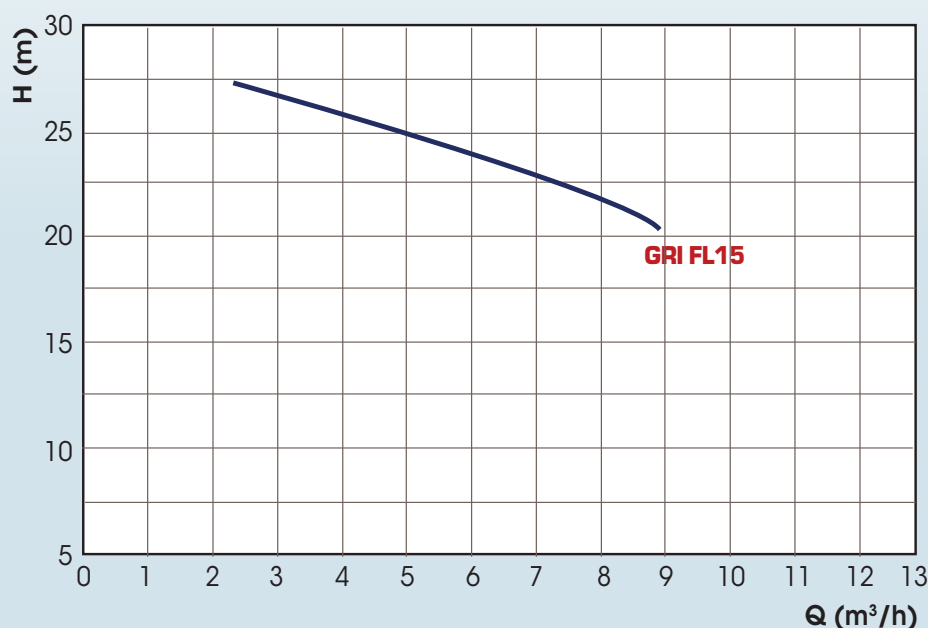


Grinder impeller

Pump	GRI FL15		
Reference	004997	004998	004999
Auto/mono	Auto	Manu	Manu
Construction	RVS/inox	RVS/inox	RVS/inox
Wheel	Grinder pump	Grinder pump	Grinder pump
GH Max (m)	27	27	29
Q Max (m <sup>3</sup> /h)	29	29	9
Voltage	Mono	Mono	Tri
Intensity (A)	8,4	8,4	3,5
P1 (kW)	1,93	1,93	2
Condens. $\mu$ F	40	40	40
Output	1" 1/4	1" 1/4	1" 1/4 F
Weight (kg)	23	23	20

2

### TECHNICAL SPECIFICATIONS



### Product Benefits

- Highly durable and robust
- Efficient and reliable grinding system
- High manometric head

# PUMPS EU

## VORTEX, SEWAGE, MONO/TRI

**vortex**  
pumps



1

## PRESENTATION

Discharge of domestic and industrial effluents, dewatering of wells or tunnels, drainage of underground areas. Lifting of wastewater and sewage from homes, kitchens, restaurants, hotels, septic tank emptying, and lifting of industrial wastewater.



INDIVIDUAL



TOILETS



Vortex impeller

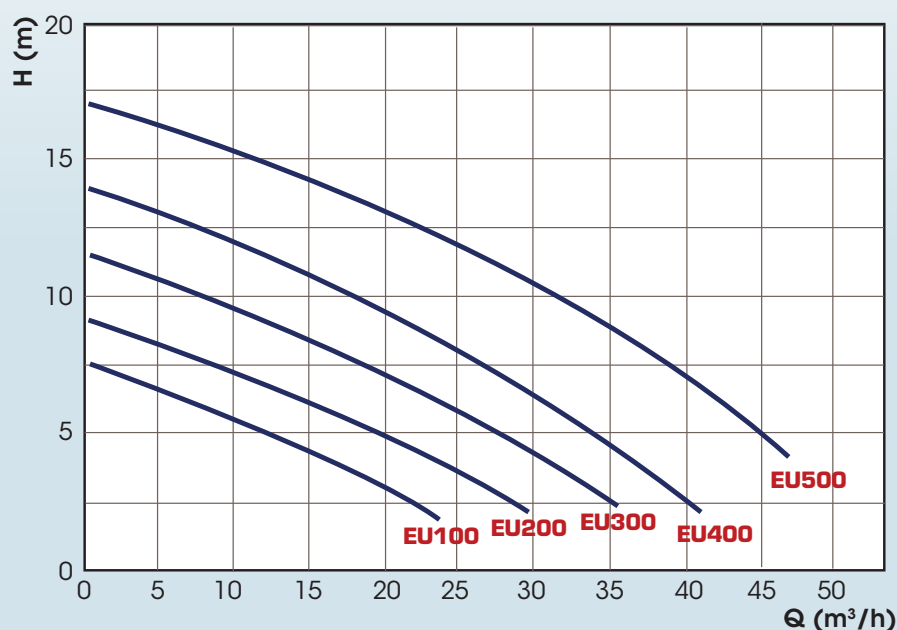


Pump	EU100			EU200			EU300			EU400	EU500
Reference	001172	001538	002216	001911	001447	002755	001566	001300	002756	002757	002758
Auto/manu	A	M	M	A	M	M	A	M	M	Manu	Manu
Construction	Inox			Inox			Inox			Inox	Inox
Wheel	Vortex			Vortex			Vortex			Vortex	Vortex
GH Max (m)	7,5			9,5			12			14	17
Q Max (m³/h)	23			29			36			41	47
Free passage	50 mm			50 mm			50 mm			50 mm	50 mm
Mono voltage	☑	☑		☑	☑		☑	☑			
Tri voltage			☑			☑			☑	☑	☑
Intensity (A)	3,9	1,4		5,9	2,1		7,3	2,8		3,6	5
P1 (kW)	0,88	0,80		1,25	1,18		1,58	1,57		2,08	2,90
Condensateur	20			25			31,5				
Output	2" F			2" F			2" F			2" F	2" F
Weight (kg)	16			18			19,4			20	25,8

2

## TECHNICAL SPECIFICATIONS

COMPLIES WITH  
EN 12050-1



## Product Benefits

- ☑ **50 mm passage** : lifting of all heavily loaded and clear water
- ☑ **High flow** : suitable for homes, kitchens, restaurants, hotels
- ☑ **Very robust** : lifting of industrial wastewater compatible with AISI 304 stainless steel

# PUMPS EP

SINGLE-CHANNEL, CLEAR WATER, MONO/TRI

COMPLIES WITH  
EN 12050-1

1

## PRESENTATION

Discharge of domestic effluent, industrial wastewater, dewatering of wells or tunnels, drainage of underground areas, sumps, pumping of rainwater, runoff (parking lots, wash water).



INDIVIDUAL NO TOILETS

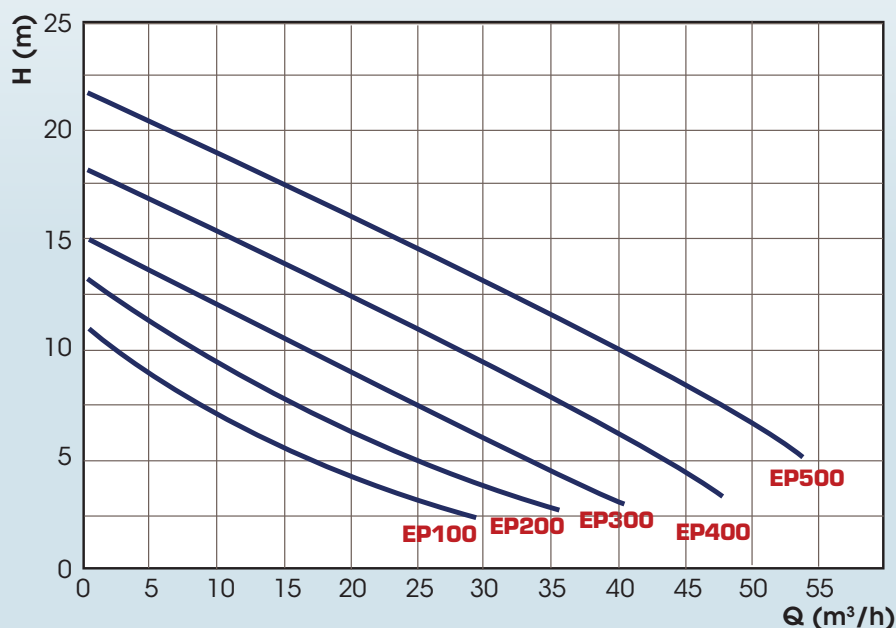
LIFT PUMP • SINGLE-CHANNEL • CLEAR WATER



Pump	EP100			EP200			EP300			EP400	EP500
Reference	002752	001909	002753	001912	001064	002754	001440	001139	001455	001250	001267
Auto/manu	A	M	M	A	M	M	A	M	M	Manu	Manu
Construction	Inox			Inox			Inox			Inox	Inox
Wheel	Single-channel			Single-channel			Single-channel			Single-channel	
GH Max (m)	11			13			15			17,5	22,7
Q Max (m³/h)	29,5			36			40,5			47,5	54
Free passage	50 mm			50 mm			50 mm			50 mm	50 mm
Mono voltage	☐	☐		☐	☐		☐	☐			
Tri voltage			☐			☐			☐	☐	☐
Intensity (A)	3,9	1,5		5,9	2,1		7,3	2,8		3,6	5
P1 (kW)	0,9	0,85		1,28	1,19		1,57	1,55		2,08	2,90
Condensateur	20	-		25	-		31	-		-	-
Output	2" F			2" F			2" F			2" F	2" F
Weight (kg)	16			18			19,4			20	25,8

2

## TECHNICAL SPECIFICATIONS



## Product Benefits

- ☐ **50 mm passage** : lifting of all rainwater and clear water
- ☐ **High flow** : suitable for large volumes of rainwater
- ☐ **Very robust** : lifting of industrial wastewater compatible with AISI 304 stainless steel

# PUMPS BS2, BS4

## SINGLE-CHANNEL, CLEAR WATER, MONO

Single-channel  
pumps



1

## PRESENTATION

The pumps are fully constructed from AISI 304 stainless steel. They operate fully submerged in the pumped liquid, which provides external cooling for the motor. Equipped with a single-channel impeller. Automatic version (AUT) for installation of the 'pressurized irrigation' kit



INDIVIDUAL NO TOILETS



Single-channel impeller

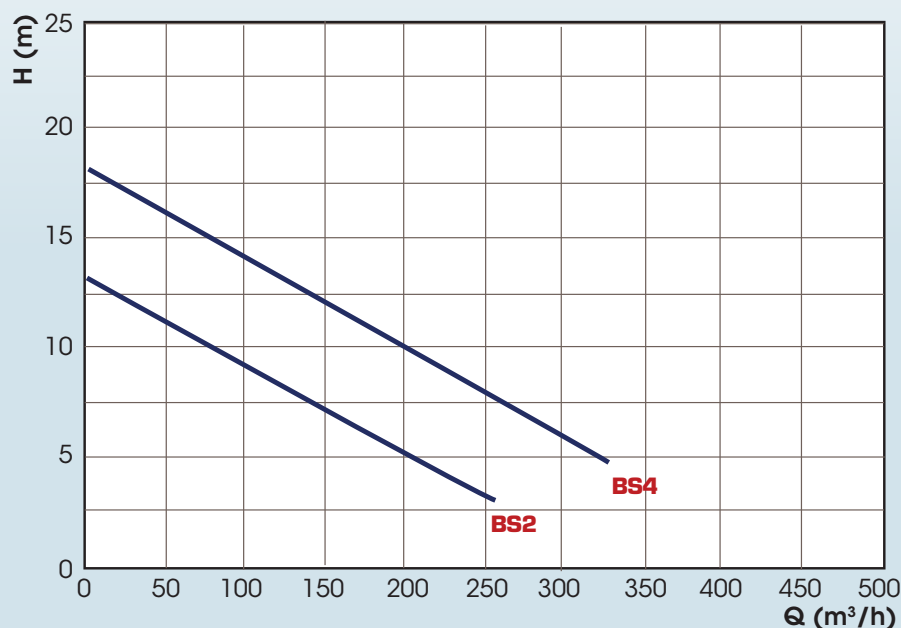


COMPLIES WITH  
EN 12050-1

Pump	BS2		BS4	
Reference	001443	003717	001265	001269
Auto/manu	Auto	Manu	Auto	Manu
Construction	Inox		Inox	
Wheel	Single-channel		Single-channel	
GH Max (m)	13,1		18,4	
Q Max (m³/h)	15,6		19,8	
Free passage	10 mm		10 mm	
Voltage	Mono		Mono	
Intensity (A)	4,4		7,3	
P1 (kW)	0,98		1,65	
P2 (kW)	0,55		1,10	
Condensateur µF	16		30	
Output	1"1/2F		1"1/2F	
Weight (kg)	12		13,8	

2

## TECHNICAL SPECIFICATIONS



## Product Benefits

- Quality and efficiency
- Emergency dewatering
- Passage up to Ø 10 mm



# PUMP DR1

## SINGLE-CHANNEL, CLEAR WATER, MONO

1

### PRESENTATION

The pumps are fully constructed from AISI 304 stainless steel. They operate fully submerged in the pumped liquid, which provides external cooling for the motor. Automatic version (AUT) for draining basements, garages, cellars, or premises...



INDIVIDUAL NO TOILETS



COMPLIES WITH  
EN 12050-1



#### MINIMAL SUCTION KIT

Minimal suction device allows pumping of the liquid **down to 3 mm** from the ground.

Pump	DR1	
Reference	002172	002642
Auto/mono	Auto	Manu
Construction	Inox	Inox
Wheel	Single-channel	Single-channel
GH Max (m)	7	7
Q Max (m³/h)	9	9
Free passage	10 mm	10 mm
Voltage	Mono	Mono
Intensity (A)	1,9	1,9
P2 (kW)	0,25	0,25
Condens. µF	8	8
Output	1" 1/4 F	1" 1/4 F
Weight (kg)	4,4	4,4

2

### TECHNICAL SPECIFICATIONS



### Product Benefits

- ▶ 10 mm passage: lifting of all clear water
- ▶ Emergency dewatering: suitable for homes, kitchens, restaurants, and hotels..
- ▶ Possibility of dewatering down to 3 mm from the ground

LIFT PUMP • SINGLE-CHANNEL • CLEAR WATER

# PUMP DR1 COMPACT

MONOCANALE, CLEAR WATER, MONO

Single-channel  
pumps



1

## PRESENTATION

AISI 304 stainless steel submersible pump. Equipped with a single-channel impeller, it offers great installation versatility with its vertical float (reduced space requirement).



BASEMENT  
DRAINAGE



SMALL MANHOLE  
COVER



PARKING  
RAMP



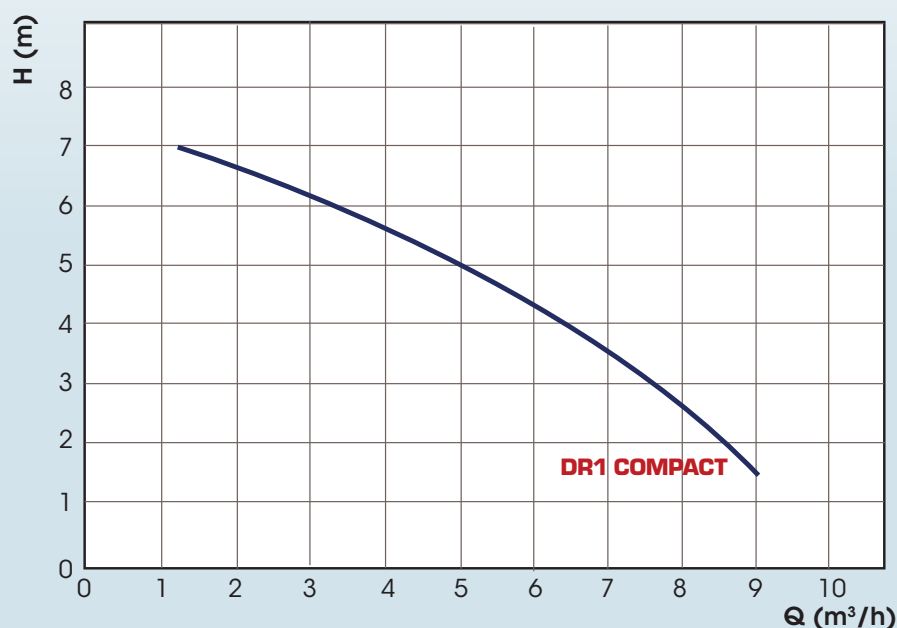
MADE IN  
EUROPE

COMPLIES WITH  
EN 12050-1

Pump	DR1 Compact
Reference	004122
Auto/manu	Auto
Construction	Inox
Wheel	Single-channel
GH Max (m)	7
Q Max (m <sup>3</sup> /h)	9
Free passage	10 mm
Voltage	Mono
Intensity (A)	1,9
P2 (kW)	0,25
Cable length	10 m
Output	1" 1/4 F
Weight (kg)	5,4

2

## TECHNICAL SPECIFICATIONS



## Product Benefits

- Versatile
- Compact
- Reliable

# PUMP DR1 MULTIFUNCTIONS

## SINGLE-CHANNEL, CLEAR WATER, MONO

1

### PRESENTATION

Submersible pump in AISI 304 stainless steel. Fitted with a vortex impeller, it is extremely versatile in use and includes a non-return valve and 3 mm low suction kit.



DRAINAGE  
(GARAGE,  
PREMISES.....)



EMPTYING (POOL,  
SWIMMING POOL,  
CELLAR, ETC.)



COMPLIES WITH  
EN 12050-1

MADE IN  
**EUROPE**

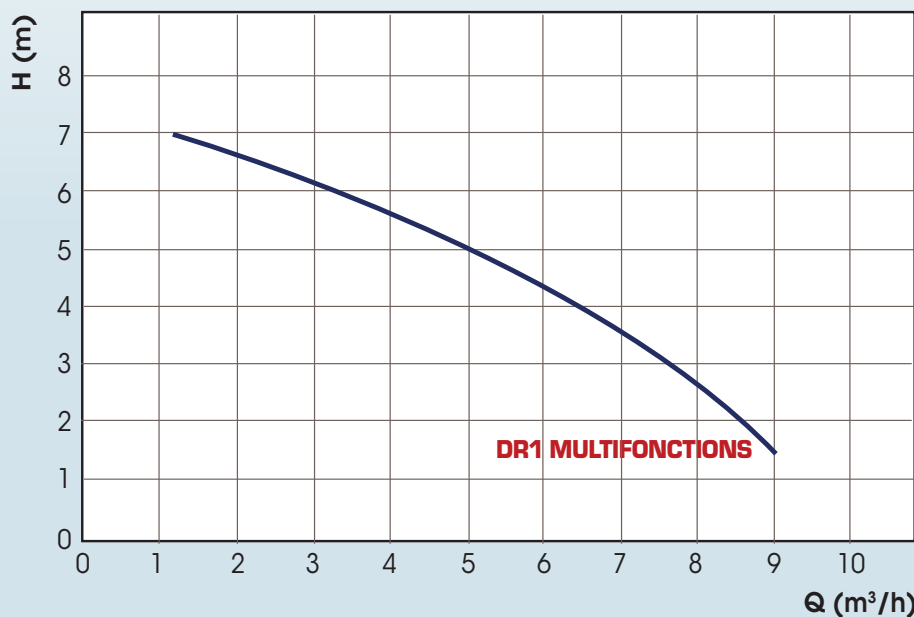


Kit included

Pump	DR1 Multifunctions
Reference	004605
Auto/manu	Auto
Construction	Inox
Wheel	Single-channel
GH Max (m)	7
Q Max (m³/h)	9
Free passage	10 mm
Voltage	Mono
Intensity (A)	1,9
P2 (kW)	0,25
Cable length	10 m
Output	1" 1/4 F
Weight (kg)	5,5

2

### TECHNICAL SPECIFICATIONS



### Product Benefits

- ◻ Ultra versatile
- ◻ Low suction 3 mm
- ◻ Non-return valve and suction kit included
- ◻ Robust



# TRAINING

Throughout the year, we organise training courses and technical workshops to help you acquire the theoretical and practical basics of lifting equipment :

- ▶ Easily understanding the benefits of a pumping station
- ▶ See how it works with demonstration equipment
- ▶ Knowing the technical subtleties and particularities of Technirel
- ▶ Enjoy a friendly chat with an expert

Training courses can be organised directly at our customers' premises or at Technirel's head office. Duration varies according to customer requirements and number of participants

Don't hesitate to contact us by e-mail for more information.

**formation@technirel.com**



# ELECTRICAL AND SAFETY EQUIPMENTS





# MAGNETO CIRCUIT BREAKER

## THERMAL

safety  
protection

ELECTRICAL  
ACCESSORIES

1

## THERMAL MAGNETO CIRCUIT BREAKER

Magnetic device which ensures the safety and protection of a pump.

It can be used to disconnect the power supply to the pump in the event of a blockage. Easy to plug into a socket with the protection box (optional), this is a mandatory accessory for the pump warranty.

Thermal magneto circuit breaker	Reference
Range from 1.6 to 2.5 amps	000252
Range from 2.5 to 4 amps	000253
Range from 4 to 6.3 amps	000254
Range from 6.3 to 10 amps	000255
Range from 10 to 16 amps	002260



## Product Benefits

- ▶ Pump protection
- ▶ Easy to plug into a wall socket
- ▶ Connection for alarm report

2

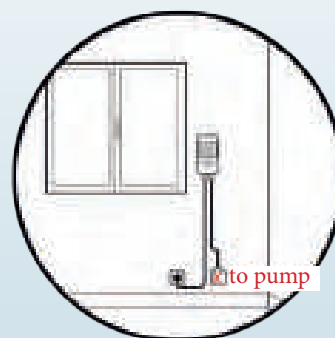
## EQUIPMENT AND OPTIONS

### PROTECTION BOX

Protection box for thermal-magnetic circuit breaker. Easy to install and plug into an electrical socket. The circuit breaker is not included in the box



Ref : 002238



# TRANQUILITY BOX

## 1 PUMP

1

## PROTECTION AND ALARM BOX

Control panel with all the protection and alarm functions required for a single-pump lifting station:

### PUMP MOTOR PROTECTION

- Over-current
- Maximum operating time

**Objective** : avoid damaging your pump, save money and problems

### VISUAL AND AUDIBLE ALARMS

**Objective** : always be informed of the status of your station and any faults that may have occurred

### EASY TO INSTALL

Box fitted with a socket. Can be installed directly on a 230v compliant socket

#### Features

Height 27 cm - Width 28 cm - Depth 13 cm  
IP55 standard enclosure  
Socket 1.5 m long  
Genuine integrated circuit breaker  
Digital display  
3 possible alarm reports  
Dry contact or 12 V or 230 V



Box only - Ref : 003543

2

## EQUIPMENT AND OPTIONS

### ALARM FLOAT KIT

Factory preset to indicate high level alarm (information on risk of overflow)

Tranquility box + float kit suitable for	Reference
SANIREL 250 kit	004182
SANIREL 250 GB	004181
SANIREL 500V	004184
SANIDRAIN 250 kit	004185

## Product Benefits

- ▶ Protection and safety
  - Economy
  - Problem solving
- ▶ Visual and audible alarms
- ▶ Quick and easy to install

Ref : 004182



Ref : 004181



Ref : 004184



Ref : 004185



# TRANQUILITY BOX EVO 2

VERSION **WITH** KEY INCLUDED

**safety**  
**protection**

**ELECTRICAL  
ACCESSORIES**

1

## PROTECTION AND ALARM BOX

Control box containing all the protection and alarm functions required for a lifting station :

### PUMP MOTOR PROTECTION

- Over-current
  - Maximum operating time
- Objective** : avoid damaging your pump

### VISUAL AND AUDIBLE ALARMS

**Objective** : always be informed of the status of your station and any faults that may have occurred

### EASY TO INSTALL

Box fitted with a socket. Can be installed directly on a 230v compliant socket

### UPGRADEABLE 1 TO 2 PUMPS

The EVO key makes it easy to upgrade to 2 pumps.

#### Features

Height 27 cm - Width 28 cm - Depth 13 cm  
IP55 standard enclosure  
Socket 1.5 m long  
Genuine integrated circuit breaker  
Digital display  
3 possible alarm reports  
Dry contact or 12 V or 230 V



Box only - Ref : 003591

Box with float kit - Ref : 003665



Evo key included in the box for switching to dual pumps

## Product Benefits

- ▶ Protection and safety  
Economy €  
Problem solving
- ▶ Visual and audible alarms
- ▶ Quick and easy to install
- ▶ Upgradeable box

2

## EQUIPMENT AND OPTIONS

### ALARM FLOAT KIT

Factory preset to indicate high level alarm (information on risk of overflow)

Ref : 003667



### VIGIREL GSM ECO

Alarms sent by text message to 5 people. Very easy to install and configure

Ref : 003577



# TRANQUILITY BOX EVO 2

1

## TWO-PUMP PROTECTION AND ALARM UNIT

Control box containing all the protection and alarm functions required for a lifting station :

### PUMP MOTOR PROTECTION

- Over-current
- Maximum operating time

**Objective** : avoid damaging your pump

### VISUAL AND AUDIBLE ALARMS

**Objective** : always be informed of the status of your station and any faults that may have occurred

### EASY TO INSTALL

Box fitted with a socket. Can be installed directly on a 230v compliant socket

### OPERATION OF TWO PUMPS

Dual pump control panel.

Compatible with two pumps (with or without floats)

Pump alternation

Automatic mutual backup

In the event of a pump failure, the second pump will automatically take over.

#### Features

Height 27 cm - Width 28 cm - Depth 13 cm

IP55 standard enclosure

Socket 1.5 m long

Genuine integrated circuit breaker

Digital display

3 possible alarm reports

Dry contact or 12 V or 230 V



Ref : 003715

Control panel + float  
switch kit 420 dual -  
Ref : 005158

## Product Benefits

- ▶ Protection and safety  
Economy  
Problem solving
- ▶ Visual and audible alarms
- ▶ Quick and easy to install
- ▶ Two-pump management system

2

## EQUIPMENT AND OPTIONS

### ALARM FLOAT KIT

Factory preset to indicate high level alarm (information on risk of overflow)

Ref : 003667

### VIGIREL GSM ECO

Alarms sent by text message to 5 people.  
Very easy to install and configure

Ref : 003577



### PROTELEK ENCLOSURE

Enclosure for protecting the control panel

#### ENCLOSURE

Ref : 001427

#### PEDESTAL

Ref : 002797



1

## DUAL PUMP CONTROL PANEL

Control panel integrating all management, protection, and alarm functions required for a dual pump lifting station.

The control panel ensures all the functions necessary for the proper operation of the pumps :

- Motor(s) protection
- Automatic alternating switching
- Parallel connection of the two units in the event of excess flow
- Automatic mutual backup
- External main switch
- Digital display
- Auto/Off/Manual toggle switch
- High-level alarm with buzzer and indicator light
- Level control by level regulators

The installation of the control panel can be done indoors, in a sheltered area, or in an outdoor enclosure



Ref : 002939

### Features

Height 35 cm, Width 24 cm, Depth 19 cm

## Product Benefits

- ▶ All essential functions for a dual pump installation
- ▶ Protection and safety
- ▶ Ease of installation and setup
- ▶ Complete digital display

2

## EQUIPMENT AND OPTIONS

### VIGIREL GSM ECO

Alarms sent by text message to 5 people. Very easy to install and configure

Ref : 003577



### PROTELEK ENCLOSURE

Enclosure for protecting the control panel

Enclosure : 600 x 400 x 230 mm  
Pedestal : 400 x 300 x 230 mm

#### ENCLOSURE

Ref : 001427

#### PEDESTAL

Ref : 002797







## AGGREGATE + SOFREL CONTROL CABINET

4 x 63A main switch with external front operating handle

- Differential switch 4 x 63A - 300mA
- Ph+N surge protector for power line protection
- Phase splitter
- Voltmeter and its switch
- Shortage and phase reversal relay
- 50W heating element with thermostat control to prevent condensation, protected by circuit breaker
- Relay for timed power-up and remote switch for emergency mode
- Relay and timer assembly for automation, ipsothermal protections
- 1 12 Vdc / 12Ah battery with mounting bracket
- 1 remote management S4W small
- LED indicator (22 mm) white, powered on
- LED indicator light (22 mm) yellow, alarm level
- 1 S4 touch screen display
- 1 red indicator on the top of the enclosure

### Product Benefits

- Ensures all essential functions to secure a collective installation
- Complete
- Compact and secure



Non-contractual photo

Ref : 003986

#### Features

Polyester enclosure

Dimensions (HxLxP): 845 x 635 x 300 mm  
composed of:

- 1 interior door
- 1 mounting plate for electrical components
- 1 set of wall mounting brackets
- 1 key lock 1242E
- 1 schematic door
- 1 200 mm high aluminium base with cable access hatch

1

## ARCA 2 CONTROL PANEL

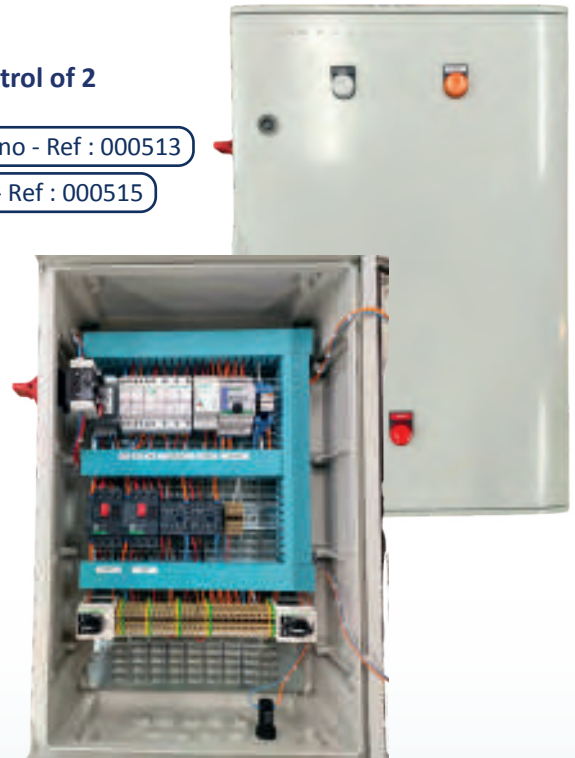
### External installation for 2-pump lift station

Electromechanical polyester cabinet for protection and control of 2 electric pump sets :

- Motor protection using thermal magnets
- Automatic alternating switching of each pump unit
- Parallel operation of the 2 units in the event of excess flow
- Function transferred to one unit in the event of failure of the other
- 24 V low-voltage level control circuit
- Backlit digital message on display
- Fugitive auto / O / manu switch, for each group on the controller
- Controlled by 3 or 4 level regulators, including one alarm regulator
- Lockable main switch
- Terminal board for isothermal pump connection (TRI version) red fault indicator + buzzer
- Door lockable by key
- Digital display for direct reading of all station states
- 24V output (e.g. rotating beacon power supply)
- Alarm report via dry contact
- Interlock relay for lack of or phase inversion (TRI version)
- Consuel compatible

Mono - Ref : 000513

Tri - Ref : 000515



## Product Benefits

- Ensures all essential functions for a dual pump installation
- Compact and secure
- Easy of installation

2

## SERVICES

### REMOTE MONITORING LONG-TERM RELIABILITY.

- Pump hour counters
- GSM module integration
- Component quality ( Schneider)
- Assembly guarantee: full quality control before delivery
- Ease of installation: ample workspace to wire the pumps and float switches

# WATERPROOF CONNECTORS

1

## IP 68 WATERPROOF CONNECTOR KIT

The waterproof connector allows you to connect and disconnect your pump at will for maintenance of your system without any constraints from the pump(s) or alarm(s) power cables.

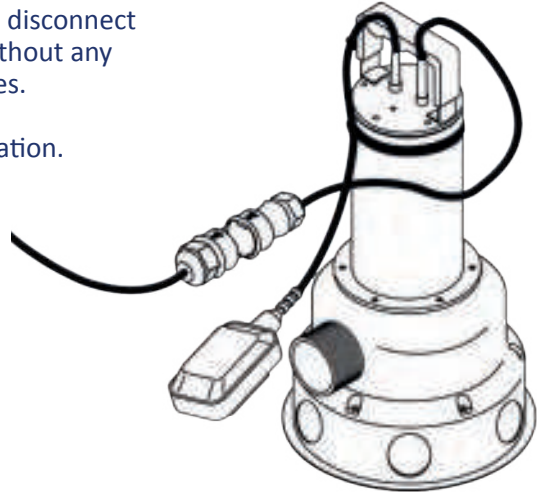
The kit can be factory-fitted directly into the lifting station.

### Features

- A 3-pole male + female connector
- 20 A for cable diam 10-14 mm
- Screw connection for cross-sections from 0.75 to 4 mm<sup>2</sup> ( in blister pack)



IP68 m/f 3-pole watertight connector  
Ref : 000492



## Product Benefits

- ▶ Simple, quick and efficient to use
- ▶ Time savings

2

## SELF-STRIPPING CONNECTORS

The IP69 waterproof self-stripping connector is a cable extender with a connection (IDC). It allows for easy and quick installation requiring only a cutting tool and one tool for the cable sheath (no screwdriver needed).



Self-stripping connector  
Ref : 004694

### Features

- 2 quick release nuts
- Number of poles: 2 + PE 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>
- Cable diameter range: 5 mm ... 9.5 mm
- 1 quick connector

## Product Benefits

- ▶ Quick connection
- ▶ Reliable connection
- ▶ Easy to install

# VIGIREL ALARM UNIT

## GSM ECO

safety  
protection

ALARM  
UNIT

1

## VIGIREL ALARM UNIT GSM ECO

Very easy to install and configure, this alarm anticipates any water damage to your installation. Connected to an alarm box and/or float (dry contact), the alarm system immediately sends an SMS to warn you of a malfunction (can be sent to 5 numbers).  
SIM card not supplied with the box

### EXAMPLES OF GSM MESSAGES

- 1 - Station alarm
- 2 - High level alarm
- 3 - Power failure
- 4 - Power return ok



Ref : 003577



### APPLICATIONS

All lifting applications, waste water treatment or systems with dry contact alarm

#### Features

- 2 dry contact alarm inputs
- 1 output 12 v alarm ( max 300 mA)
- remote control of 230 v equipment by text ON / OFF
- accepts standard size SIM cards (sim not supplied)
- 230 v power supply

## Product Benefits

- ▶ Simple and efficient
- ▶ Easy DIN-rail installation
- ▶ Instant text message alarm ( 5 numbers)

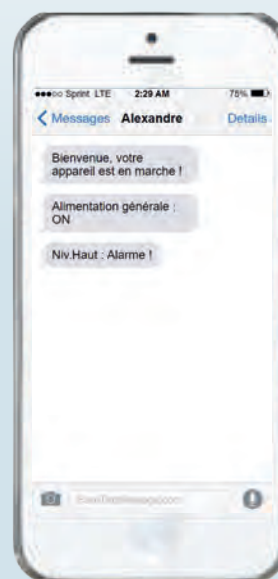
2

## EQUIPMENT AND OPTIONS

### EXTERNAL BOX + SOCKET

Easy to configure for indoor or outdoor installation

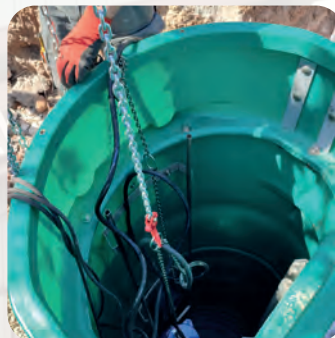
Ref : 003657



Exemple of a text message



DESIGNED AND MANUFACTURED IN FRANCE



REACTIVITY



ADVICE



EXPERTISE





# WEBSITE AND SOCIAL NETWORKS

Our website [www.technirel.com](http://www.technirel.com) is an information base that will help you at every stage of your lifting station projects.

## Find out more on our website

- ▶ How to size a lifting station
- ▶ Detailed information on our lifting stations
- ▶ Manuals and documentation
- ▶ Technirel catalogue
- ▶ Videos and tutorials
- ▶ Technirel news

Our site can also be consulted on computers, laptops and tablets.

## Follow us on our networks



04 94 63 46 28



RECHERCHER

SOCIÉTÉ VOTRE PROJET STATIONS INDIVIDUELLES STATIONS COLLECTIVES LE RELEVAGE ASSISTANCE & SAV CATALOGUE

NOTRE  
ENGAGEMENT  
RSE



En 2024 Technirel s

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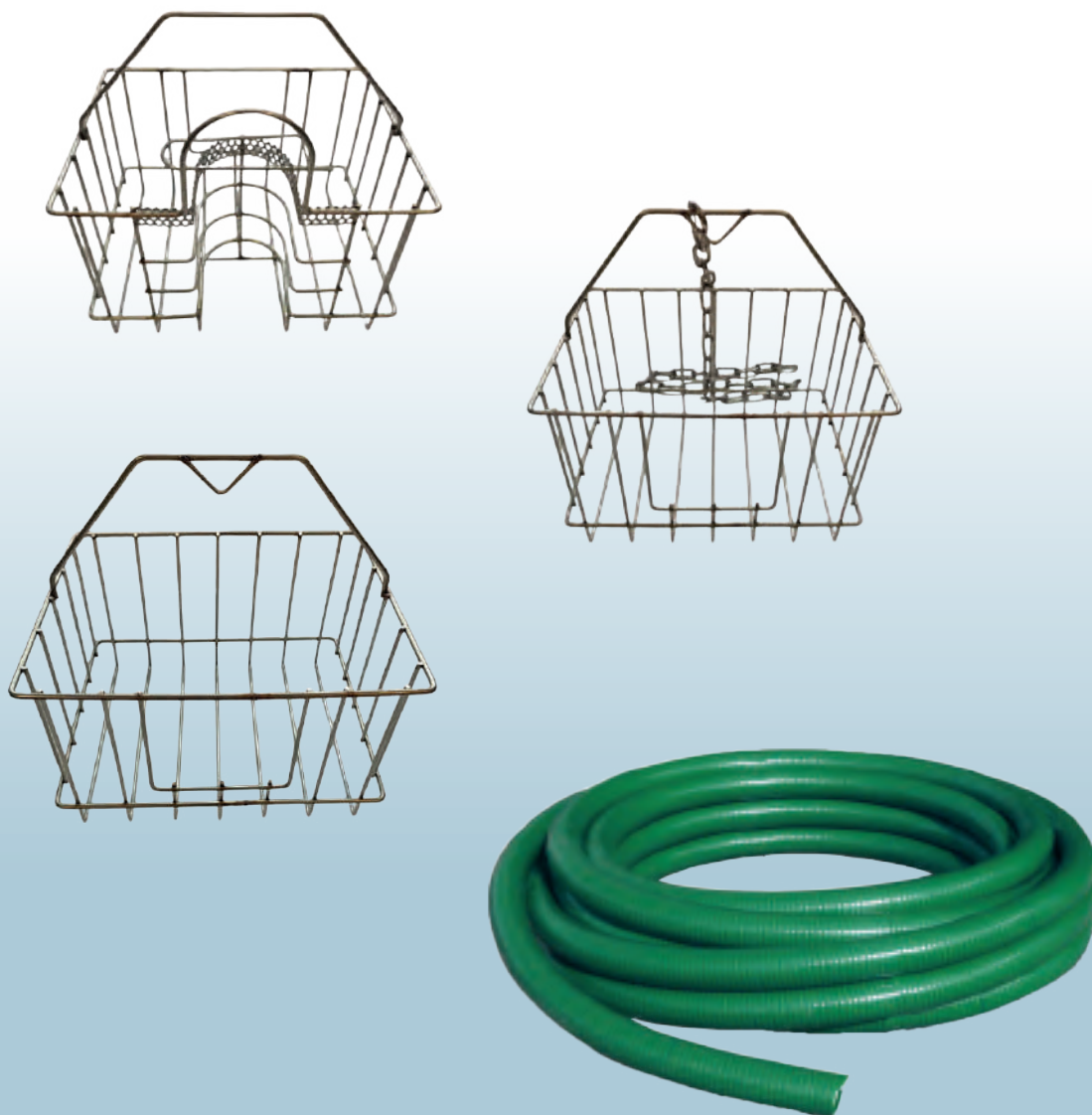
MATIÈRE RECYCL

Technirel s'engage pour l'environ

FABRICANT EXPERT EN STATIONS DE RELEVAGE



# ACCESSORIES



1

## SCREENING BASKET FOR LIFTING STATION

Patented basket for filtering effluent in a lifting station. This pre-filter protects the pumps from inappropriate solid elements (nappies, rags, wipes, etc.).

Very easy to install, the basket provides real operating safety for the lifting station by preventing untimely pump blockages.

Ref : 003679



Screen basket	Free passage (air gap)	Dimensions (l x L x H) cm	Reference
Basket Sanirel 250	33 mm	25 x 30 x 19	000279
Basket Sanirel 420	39 mm	23 x 30 x 19	003679
Basket + stainless steel chain Sanirel 500V	39 mm	23 x 60 x 19	000580

Ref : 000279



## Product Benefits

- ▶ Pump protection
- ▶ Easy to install and remove
- ▶ Individual use
- ▶ All stainless steel basket quality

Ref : 000580



2

## INSTALLATION



# DELIVERY HOSE

## SANIFLEX

1

### DELIVERY HOSE

Flexible, plastic-coated PVC hose reinforced with a rigid, impact-resistant PVC spiral. Special product for water backflow. Can be joined to PVC pressure fittings using standard PVC glue.

	Features	Thickness	Weight	Ø curve	Packaging	Reference
Clear water	Saniflex Ø50 ext x 25 m	4 mm	18 kg	200 mm	1 palette : 12 unités = 300 m	000262
Sewage	Saniflex Ø63 ext x 25 m	4 mm	27 kg	250 mm	1 palette : 8 unités = 200 m	000263
	Saniflex Ø63 ext x 50 m	4 mm	52 kg	250 mm	1 palette : 6 unités = 300 m	000264



#### Features

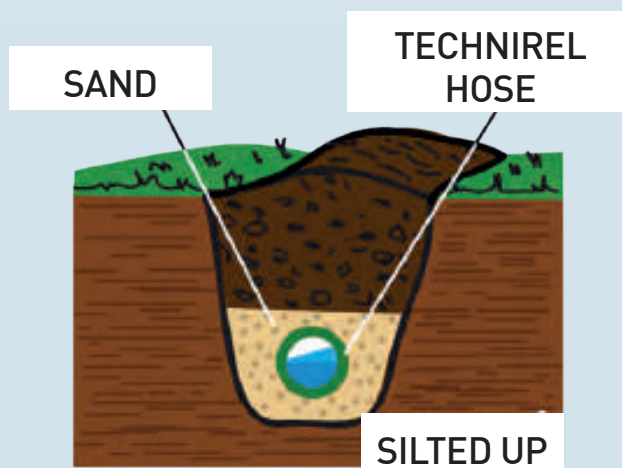
- 6 bar resistance
- Safety coefficient at 20°C
- Hardness 72 shA
- 3 x working pressure
- diameter 63-75
- Female / female sleeve supplied

### Product Benefits

- ▶ Special product for waste water discharge
- ▶ Quick and easy to install
- ▶ Flexible, following the natural curves of the terrain
- ▶ High resistance
- ▶ Manufactured in France

2

### INSTALLATION





# EXTENSION 30 CM

## LIFTING STATION

accessories

EXTENSION

1

### 30 CM EXTENSION FOR SANIREL / SANIDRAIN

The 30 cm extension can be fitted to the top of your station to increase the depth of the inlet water pipe.

Ref : 000284

#### Features

- Adapts to stations Sanirel / Sanidrain 250, 420 , 500
- Height 30 cm
- Stainless steel screws included
- Weight : 4 kg



2

### APPLICATION



WE RECOMMEND THE USE OF A SINGLE RISER PER LIFTING STATION.

### Product Benefits

- ◀ Adapts to a wide range of station
- ◀ Easy to install
- ◀ Stainless steel screws and bolts



# WARRANTIES & PRACTICAL INFORMATION

## DISCOVER OUR PRACTICAL INFORMATION SHEETS

**Our advice pages and practical information sheets will help you develop your lifting station project.**

Installation details, choice of pumps, technical terms, help with substation sizing....let yourself be guided.

- ▶ Technirel warranties
- ▶ Different types of discharge
- ▶ Connection kit or guide bars
- ▶ Lift pump with vortex or dilution impeller
- ▶ Sizing sheets



# WARRANTIES FOR INDIVIDUAL LIFTING STATIONS

## SANIREL & SANIDRAIN

The Technirel warranty takes effect from the date of purchase, as evidenced by the invoice.

1

### TANK

10-year warranty on tank deformation and leak tightness (max. 10%), excluding hydraulic accessories.

Provided installation complies with our installation and commissioning recommendations, in particular as regards backfilling the tank and installation in groundwater (see installation instructions).

2

### PUMPS AND ELECTRICAL ACCESSORIES

**2-year warranty** on pump and circuit-breaker when purchased together

**3-year warranty** on pump and control panel when purchased together

**4-year warranty** on pump and control panel when protected by our screen basket

**5-year warranty** on dual-pump system and control panel when purchased together and completed with a strainer basket

<sup>(2)</sup> Provided it is installed and maintained in accordance with our commissioning and maintenance recommendations. Provided that the actual use complies with that communicated by the user at the time of sale (type of water, lifting height, discharge length, temperature, PH, etc.). This list of criteria is not exhaustive. Please refer to the installation and maintenance manuals.

3

### WARRANTY LIMITS

The Technirel warranty is limited to the market value of the material delivered by Technirel.

Technirel's warranty on pumps and accessories covers parts and labour at the factory, provided that the conditions (2) are met.

Technirel's warranty will not be applied if the expert opinion concludes that there is a fault in installation, commissioning, use and/or maintenance in accordance with (1) and (2)/ In these cases, the user must contact the company responsible for installation and/or commissioning or a breakdown service. Technirel's warranty does not include the removal of so-called defective products. It is the responsibility of the user or distributor to send the product(s) to Technirel for expert appraisal. Expertise is included in the Technirel warranty.

**Technirel's warranty does not cover a technician's visit or installation. It includes telephone or video assistance from our after-sales service during office hours.**

Elle intègre une assistance téléphonique ou visio de notre service SAV dans les horaires du bureau.



**FACTORY PARTS WARRANTY  
WARRANTY EXCLUDING LABOUR AND  
TRANSPORT**

# WARRANTIES COLLECTIVE LIFTING STATIONS

## MAXIREL

The Technirel warranty takes effect from the date of purchase, as evidenced by the invoice.

1

## 2-YEAR WARRANTY

2-year warranty for Technirel collective lifting stations : tank, pump(s) , control panel and accessories



2

## TANK

Warranty on tank deformation and tightness (max. 10%), excluding hydraulic accessories. Subject to installation in accordance with our installation and commissioning recommendations, particularly with regard to backfilling the tank and installation in groundwater (see installation instructions).

3

## PUMP(S) CONTROL PANEL, ACCESSORIES

When purchased together and if installed and maintained in accordance with our commissioning and maintenance recommendations. Provided that the actual use complies with that communicated by the user at the time of sale (type of water, lifting height, discharge length, temperature, PH, etc.). Non-exhaustive list of criteria. Please refer to the installation and maintenance manuals.

4

## WARRANTY LIMITS

The Technirel warranty is limited to the market value of the material delivered by Technirel. Technirel's warranty on pumps and accessories covers parts and labour at the factory, provided that the conditions (2) are met.

The Technirel warranty will not be applied if the expert opinion concludes that there has been a fault in installation, commissioning, use and/or maintenance in accordance with (1) and (2).

In such cases, the user should contact the company responsible for installation and/or commissioning or a breakdown service.

Technirel's warranty does not include the removal of so-called defective products. It is the responsibility of the user or distributor to send the product(s) to Technirel for expert appraisal. Expertise is included in the Technirel warranty.

**Technirel's warranty does not cover a technician's visit or installation. It includes telephone or video assistance from our after-sales service during office hours.**



**FACTORY PARTS WARRANTY  
WARRANTY EXCLUDING LABOUR AND  
TRANSPORT**

# THE DIFFERENT TYPES OF DISCHARGE

The station's outlet can be connected to the sewer system in two ways

1

## IN PVC

With a Saniflex pipe or PVC tube to be glued directly to the outlet of your station

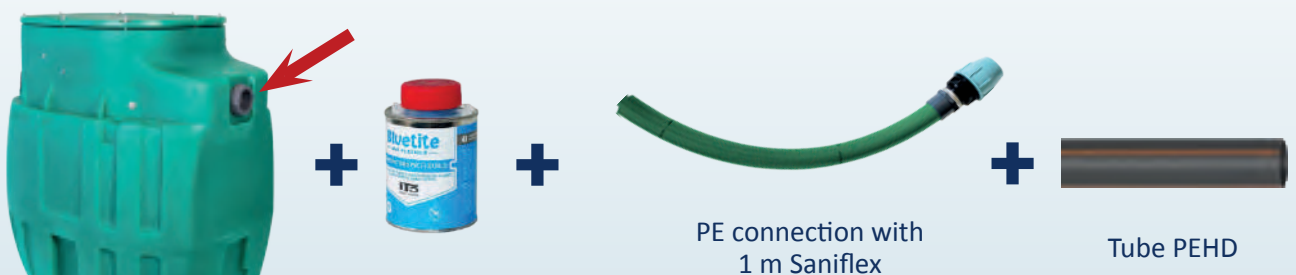


2

## IN PE

Use the 63 / 2 inch glue end fitting (supplied), then connect a 2' / D63 PE compression fitting (not supplied)

Connecting and gluing (flexible PVC glue) the PVC or Saniflex of your compression fitting directly to the drain of your station



OR





# CONNECTION KIT OR GUIDE BARS?

## CONNECTION KIT



## SUPPORT BASE & GUIDE BARS



### DESCRIPTION

To remove the pump, close the valve and uncouple the nut. Remove the entire pipe with the pump and non-return valve.

To remove the pump, pull the stainless steel chain upwards. The pump automatically uncouples from the base installed at the bottom of the tank.

### BENEFITS

- Prices
- Easy access to non-return valve
- Time saving. Easier system replacement

Example : in 10 years' time, I can cut, glue and replace with another pump if necessary.

- Easy pump access. If the pump breaks down, the chain can be pulled to remove the pump and carry out the necessary maintenance.

### DISADVANTAGES

- If the tank is full, it must be emptied to access the union and disconnect the system.

- More difficult to service and maintain the non-return valve (unless there is a manhole with valves)
- Possible risk of the pump not being correctly positioned on the base plate. You can't necessarily see the bottom of the tank.
- Specific system. If you have to change the pump, make sure you have the right claw and the right base.
- If the base is damaged, you will have to consider changing the station (for small stations).

### CONCLUSION

The system is recommended for shallow stations and/or light pumps (-15kg) for domestic or small collective use.

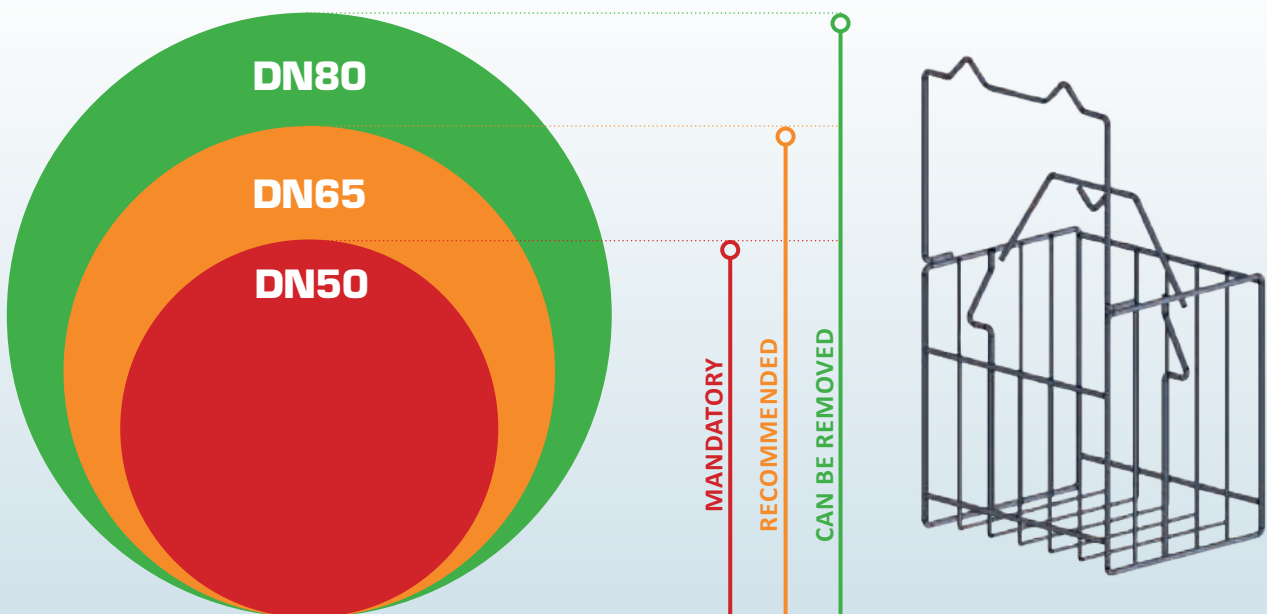
System recommended for medium or large-scale projects, or with heavy pumps and/or at great depths (>1m)



# WHY CHOOSE A LARGE FLOW DIAMETER FOR VORTEX PUMPS?

FREE PASSAGE	RISK OF CLOGGING	SCREEN BASKET
DN 50	HIGH	MANDATORY = MAINTENANCE
DN 65	MEDIUM	RECOMMENDED
DN 80	LOW	CAN BE REMOVED

- + The diameter of the passage is large
- + Securing my installation
- I need a screen basket
- + I save on maintenance time and money



**VORTEX WHEEL =**  
Free passage  
or pump particle size





# AFTER-SALES AND TECHNICAL SUPPORT

Our team of lifting station experts and technicians provide responsive support and assistance to our customers.

A service to help you at every stage of your project

- ▶ Advice and support for installation, commissioning and repairs
- ▶ Responsiveness and involvement in problem management
- ▶ Assistance and reproduction of malfunctions on demo simulators
- ▶ Factory-integrated expertise + repair service
- ▶ Remote telephone + video assistance
- ▶ Computerised, centralised monitoring process

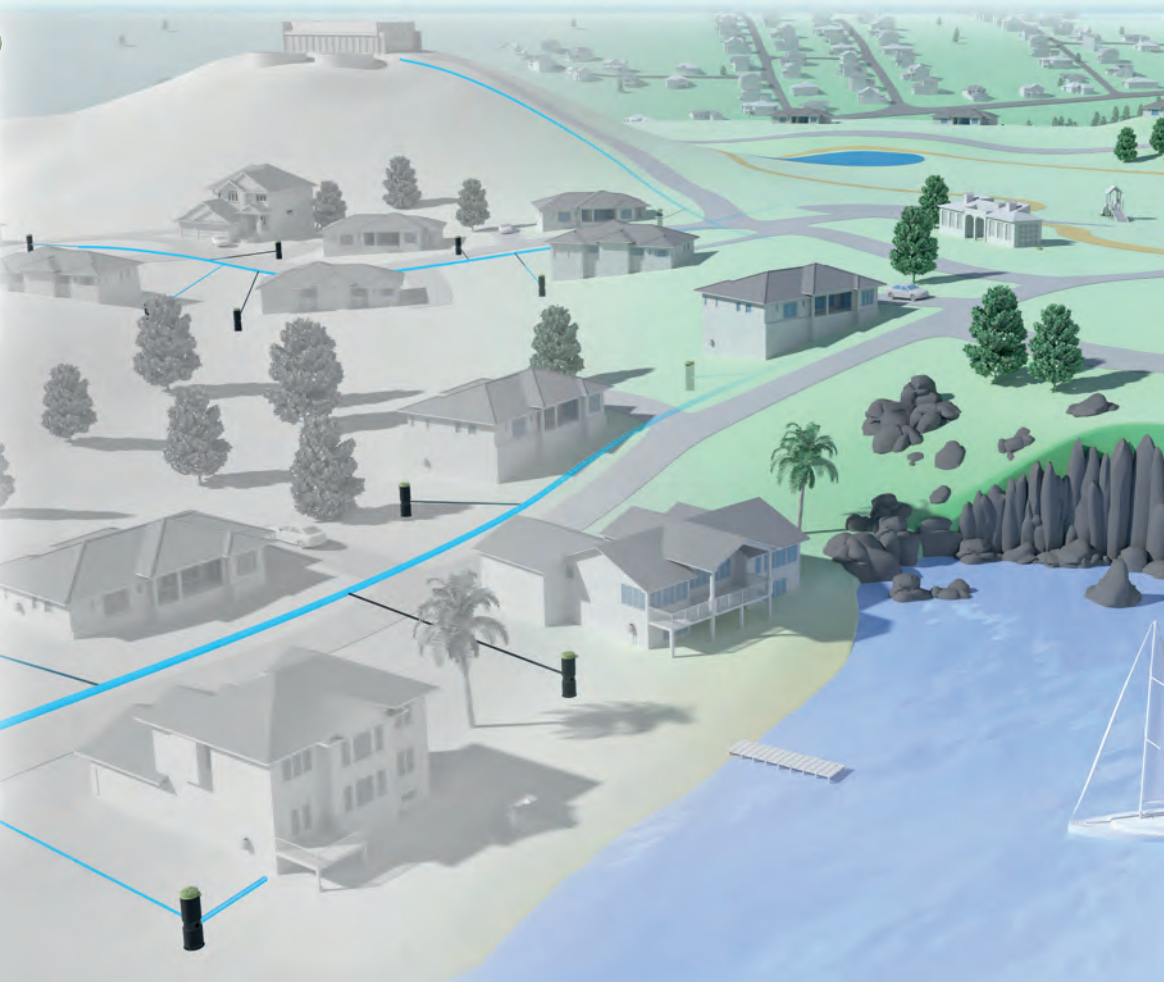




Technirel works with you on **complex low-pressure wastewater treatment projects** with its partner  
**Rizom France**



**RIZOM**  
FRANCE



## LOW-PRESSURE DRAINAGE

### An all-terrain system for all configurations

The low-pressure sewerage system is the ideal solution for creating complex branched sewerage networks

#### The benefits

- ▶ Low investment and operating costs
- ▶ Flexibility and adaptability on sites with complex topography
- ▶ Operation on slopes up to 55 m deep
- ▶ Environmentally friendly
- ▶ No STEP overload

Need further information,,  
please contact us on **contact@rizom-france.fr**  
or visit our website **rizom-france.fr**



# ALL ABOUT LIFTING

## TRAINING & TECHNICAL DAY IN PERSON OR BY VIDEO

Throughout the year, we organise training courses and technical workshops to teach you the theoretical and practical basics of lifting :

- ▶ Understanding easily the benefits of a lifting station
- ▶ See how it works with demonstration equipment
- ▶ Learn about the technical subtleties and special features of Technirel
- ▶ Have a friendly chat with Technirel technicians and expert

1

### WHERE ARE THE TRAININGS ORGANISED?

Training is organised at Technirel's head office so that you can be directly integrated into the Technirel teams, products and world. We also organise sessions in the regions, directly at our customers' premises or in our training rooms, to ensure a local presence and proximity at national level.

2

### HOW LONG DOES THE TRAINING LAST?

The duration of a training course varies according to the customer's needs and the number of participants. Generally, sessions last 1 day (or 1/2 day) depending on our partners' requirements.

3

### AND BY VIDEOCONFERENCE?

We also organise distance learning courses. Generally in a shorter format (2 hours) and on a very specific theme, we offer sessions for 5 to 200 people.

4

### DO YOU HAVE TO PAY FOR THE TRAINING COURSES?

All our training courses are free for our customers and partne.



Our teams will be happy to discuss your training needs with you.

Don't hesitate to ask for the year's training schedule. All training courses are by invitation only and places are limited to 8 people for technical days.

Please contact us for further information



[formation@technirel.com](mailto:formation@technirel.com)  
09 88 19 30 04

# SIZING SHEET

## LIFTING STATION FOR INDIVIDUAL USE

**selecting  
the lifting  
station  
INDIVIDUAL**

Company..... ☐ Construction ☐ Study Planned for .....

Name ..... First name .....

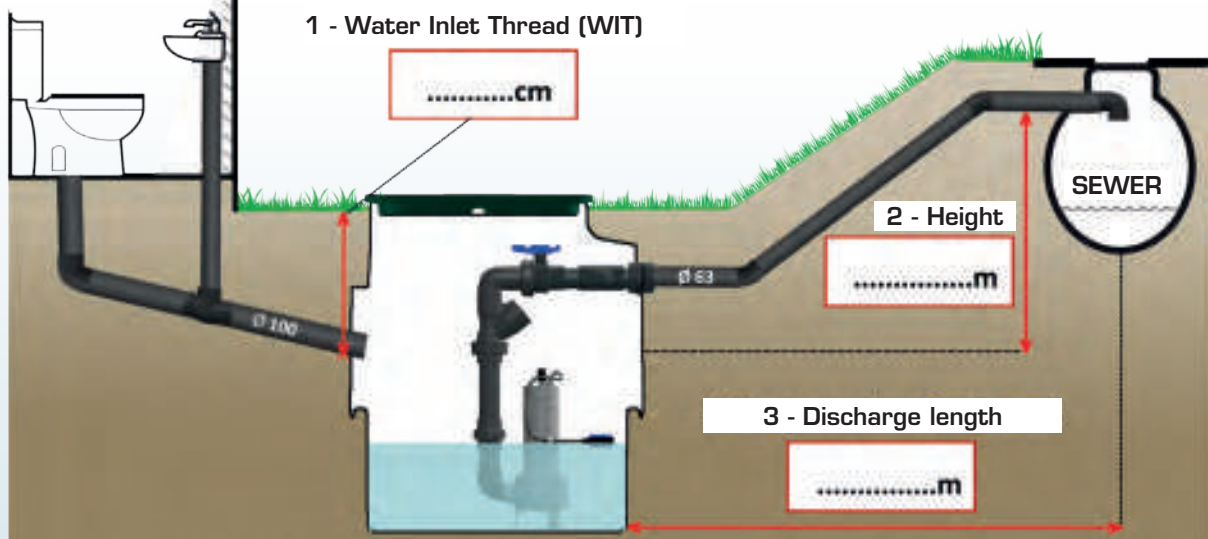
Address .....

E-mail ..... Telephone .....

### ESSENTIEL INFORMATION TO KNOW

**ACCOMMODATION**  
(bathroom, kitchen, washing machine, etc.)

**STEP 1 : WATER INLET THREAD ( WIT)**  
**STEP 2 : LIFTING HEIGHT**  
**STEP 3 : DISCHARGE LENGTH**



**INSTALLATION** ☐ House(s) / Nr inhabitant equivalent : .....

**TYPE OF WATER** ☐ Sewage (Toilets) ☐ Clair water (No toilets) ☐ Rain water

**PUMP(S)** ☐ 1 pump ☐ 2 pumps (see advice sheet)

**RESIDENT(S)** ☐ Tenant(s) ☐ Property(s)

Distance between control panel and lifting station ( m..): .....

Confirmation of the planned PVC / PE 63 discharge pipe ☐

### SPECIAL REQUESTS

.....

.....

.....

SIZE YOUR STATION  
IN JUST A FEW CLICS





# SIZING SHEET

## LIFTING STATION FOR COLLECTIVE USE

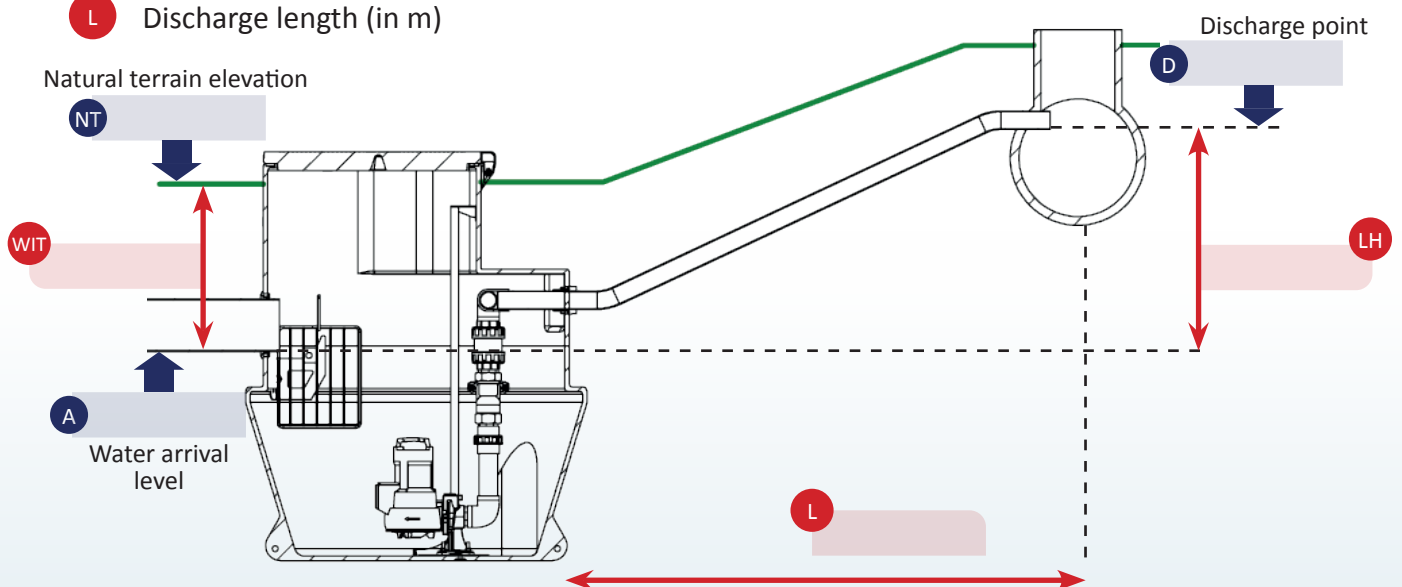
**selection  
of the lifting  
station  
COLLECTIVE**

Name ..... ☐ Construction ☐ Study Planned for .....

Selection ☐ Technirel advice or ☐ Specific technical requirements (if so, please send us a copy)

### ESSENTIEL INFORMATION TO KNOW

- LH** Lifting Height (in m), level difference between the water inlet **A** and the discharge point **D**
- WIT** Water Inlet Thread (in cm), depth from natural terrain **NT** to water arrival level **A**
- L** Discharge length (in m)



**INSTALLATION** ☐ House/no ..... ☐ Housing/no ..... ☐ Offices ☐ Restaurants ☐ Others/no .....

**FLOW** No of EH ..... Requested flow (m<sup>3</sup>/h) .....

**TYPE OF WATER** ☐ Sewage (WC) ☐ Used water (No WC) ☐ Rainwater ☐ Industrial water, pH .....

**Ø INLET PIPE** ..... **Ø DISCHARGE CANAL** ..... Valve chamber ☐ Yes ☐ No

**PUMP(S)** ☐ 1 pump ☐ 2 pumps

**VOLTAGE** ☐ Single-phase 230 V ☐ Three-phase 400 V

**CONTROL BOX SETUP** ☐ Indoor ☐ Outdoor ☐ Agglomerated box ☐ Sode box

Distance from box to Lifting Station (in m) ☐ Less than 3 m ☐ .....

**INSTALLATION AREA** ☐ Green space ☐ Under road/sidewalk ☐ Groundwater

**OPTION TO INCLUDE** ☐ Consuel ☐ Sofrel ☐ Anti-surge valve ☐ Inox piping  
☐ Bracket ☐ Grill basket ☐ Discharge pipe ☐ GSM alarm box

**SERVICE ACTIVATION** ☐ Yes ☐ No

### SPECIAL REQUESTS

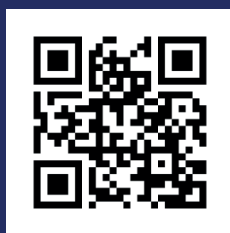
.....  
 .....

SIZE YOUR STATION  
IN JUST A FEW CLICS





FRENCH MANUFACTURER EXPERT IN LIFTING STATIONS



SIZE YOUR LIFT STATION IN A FEW CLICKS

DESIGNED AND MANUFACTURED IN FRANCE



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