MACERATOR COMPACT

PUMP













Install a WC, a shower room, a kitchen or utility room anywhere you want...

It's easy with SFA macerator pumping systems !

	PAGE		PUMPING HEIGHT
	4	SANIFLO [®]	4 m
	5	SANITOP -	5 m
~	6	SANISLIM [®]	2,5 m
MACERATOR	7	SANIPACK [®]	4 m
A A C E I	8	SANIPRO	5 m
<	9	SANIPLUS'	5 m
	10	SANIBEST ?	6 m
	11	SANIALARM®	-
	11	For macerating systems and pumps maintenance	5 m 5 m 6 m 3 m 3 m
СТ	12	SANICOMPACT 43	3 m
COMPACT	12	SANICOMPACT [®] Pro	3 m
Ŭ	13	SANICOMPACT [®] Star	
	14	SANISHOWER [•]	4 m 5 m
	15		5 m
	16	SANISPEED"	7 m
PUMP	17	SANICOM	8 m
	18	SANICUBIC'Pro	11 m
	19	SANICONDENS [®] Plus	4,5 m
	19	SANICONDENS [®] Best	4,5 m

For all macerating pumping systems the performance curves are based on evacuation pipe of 32 mm diameter.

WITH SFA, ADD VALUE TO YOUR HOME

The SFA range of macerator pumps enables you to add extra bathroom, kitchen or utility facilities almost anywhere. This includes those "hard to plumb" locations that would be impractical or expensive using conventional large-bore gravity drained discharge pipework.

So if you have space where you want to add facilities but plumbing is a problem – SFA will provide the answer. With SFA, it is easy, quick and economic to install facilities where you want them.

50 years of expertise The SFA Group as inventor, de-

signer and manufacturer, has had a very strong presence in the sanitary appliances market for over 50 years, at first in France and then all over the world. It is now the leading brand for small-bore sanitary macerators and pumps. The Group's primary area of investment is its Research & Development department where year in and year out dozens of engineers develop today and tomorrow's products, constantly simplifying installation work and guaranteeing optimum quality.

Quality

Two-year guarantee and compliance with standards

SFA pumps and macerators are manufacured in France, and comply with the new European and international standards now in force (EN 12050-3, EN 12050-2 and EN 12050-1). The factory in which they are manufactured is quality certified to ISO 9001:2000 (issued by AFAQ, the French Quality Certification Association).



Easy installation

SFA macerator provides the ideal solution for installing sanitary appliances almost anywhere with a minimum of construction work. SFA macerator/pump allows you to install complete wc and showering facilities where it



bwering tacilities where it is impossible to do so using traditional plumbing methods (eg remote from the drain, in basements etc.). It is very easy to install

and to service. However we recommend that you use a qualified installer to ensure correct installation and compliance with standards.

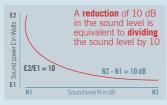
Silence and safety

To provide a 10-decibel reduction in the noise levels transmitted, the SFA range of macerator pumps has now been fitted on resilient mounts that absorb the resonant vibrations when the equipment is operating. This means that the noise levels transmitted are very low, and almost indistinguishable from background noise.

All the measurements made and all the improvements introduced in the



SFA SILENCE range were made in consultation with ALCTRA (a company approved by the French Ministry of Research which won the 2001 French Acoustics Society award. The equipment it uses is certified by the French National Test Laboratory).

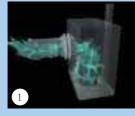


SFA installation is almost maintenance-free (apart from descaling which may be needed depending on the hardness of the water supply). SFA macerator should only be used for evacuation of normal WC waste, toilet paper and household WC cleaners. (Cotton wool, hygiene articles, wet wipes, hard objects, paints, oils, solvents and other chemicals will damage the unit.)

Peace of mind

Via its network of subsidiaries and exclusive distributors, SFA provides an After-Sales Service in all the countries where its macerators and pumps are sold.

Operating principle of the SFA System



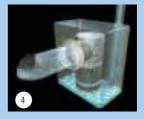
The toilet is flushed, the water level rises and the SFA grinder motor cuts in automatically.



The blades driven by the motor grind the contents up into tiny particles in 3 or 4 seconds.



The finely ground particles are pumped out through a standard pipe just 22 or 32 mm in diameter.

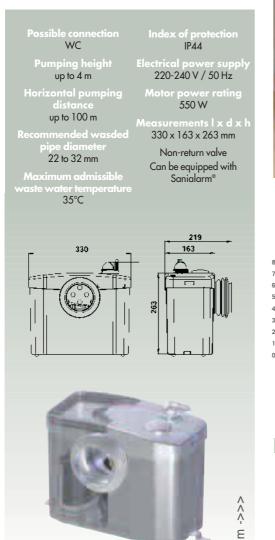


The tank is empty (apart from the water seal) and the system is ready for use again





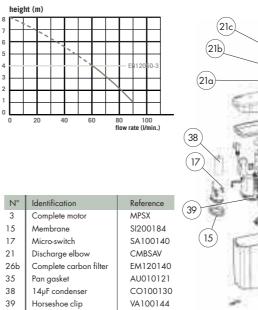
SANIFLO® Silence removes the waste from a WC. It is suitable for use in a basement or loft extension - or in any home improvement where conventional large bore pipework is impractical.

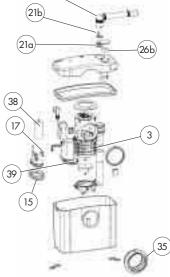


100 m ->>>



The "Silence" macerating-pumping system for use with a traditional WC









SANITOP® Silence is the unit adaptable for a traditional toilet, together with a washbasin.



22 to 32 mm

Maximum admissible vaste water temperature 35°C

Index of protection IP44 ctrical power sup 220-240 V / 50 Hz

Motor power ratir 550 W

easurements I x d x 330 x 163 x 263 mm Non-return valve Can be equipped with Sanialarm®

height (m)

0

N°

3

15

17

21a

21c

21d

21e

26b

35

38

39

20

Identification

Membrane

Microswitch

Complete motor

Non return valve body

Non return valve flap

Complete carbon filter

Discharge elbow

3 outlet connector

Pan gasket

14µF condenser

Horseshoe clip

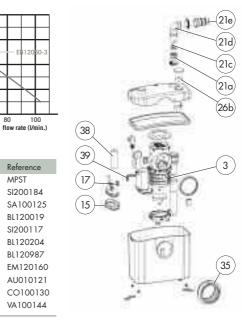
40

60

MPST



The "Silence" macerating-pumping system for use with a traditional WC and a washbasin



219 163 330 263



100 m ->>>







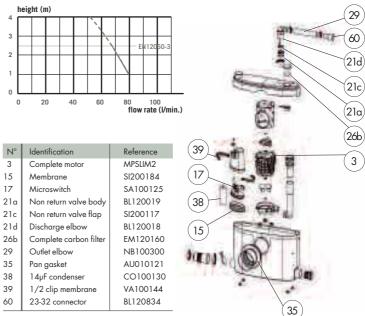
and waste water from a shower and wash basin by a thin tank (only 13 cm width), thus enabling the installation of a complete shower room.



40 m ->>>



Specially designed to accommodate slimline sanitaryware



6





Its 12 cms depth enables **SANIPACK**[®] to be concealed behind a wall panel, allowing for the installation of all the appliances of a shower room in a very discreet way.



Recommended wasdec

22 to 32 mm

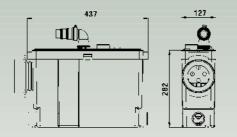
35°C

Index of protection IP44 ectrical power supply 220-240 V / 50 Hz

Motor power rating 400 W

easurements 1 x d x 437 x 127 x 282 mm Non-return valve

Can be equipped with Sanialarm®

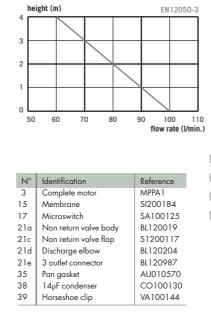


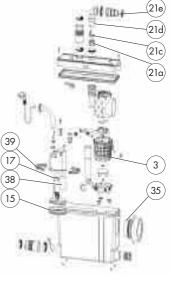


40 m ->>>



Small bore macerating-pumping system for back-to-wall or wall-hung WC pans, and a complete shower room

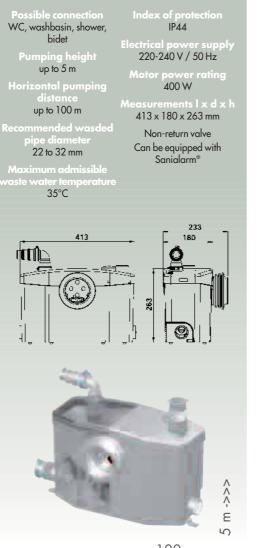








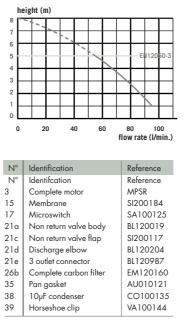
Designed to enable the addition of an ensuite shower room, **SANIPRO® SILENCE** will take the waste from a WC, shower and washbasin and pump it quickly and quietly through small bore pipework up to 5 meters vertically or up to 100 meters horizontally.

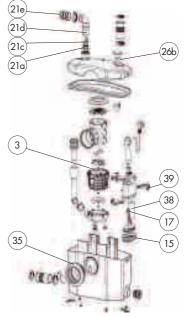






The "Silence" macerating-pumping system, ideal for a complete shower room









Its high capacity tank enables SANIPLUS® Silence to pump away large quantities of waste waters from the bathroom. Its specific motor allows for long-term running.



Horizontal pumping distance up to 100 m

1**pe diamete** 22 to 32 mm

35°C

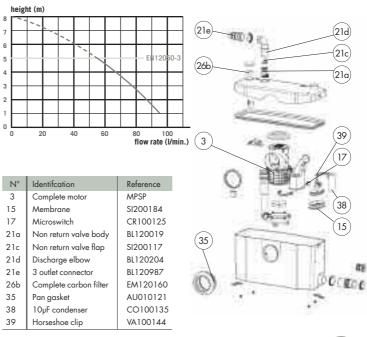
Index of protection IP44 Electrical power suppl 220-240 V / 50 Hz Motor power rating 400 W

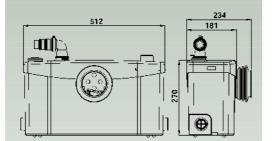
Measurements | x d x | 512 x 181 x 270 mm Non-return valve Can be equipped with

Sanialarm®



The "Silence" macerating-pumping system, ideal to install a complete bathroom







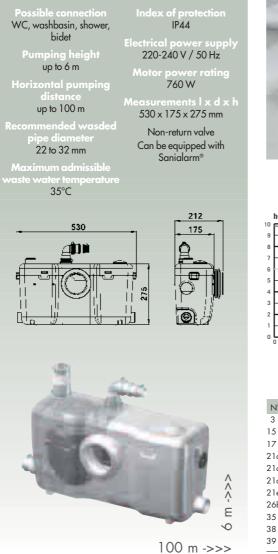
100 m ->>>

tti



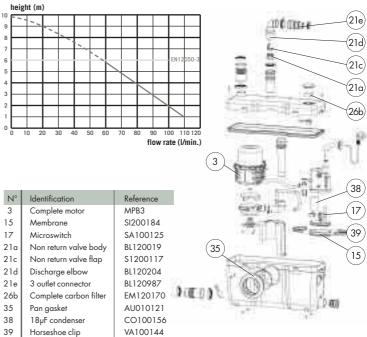


SANIBEST[®] is equipped with a unique blade system and responds to an intensive use. It is perfectly adapted for a small flat, a summer-cottage, restaurants, bars, public laundries and so on.





A high resistant macerating-pumping system, for intensive uses in domestic or public places









Sanialarm should be fitted onto the lid of the SFA unit



SANIALARM is available as an option on all the models in the catalogue marked with this pictogram.

Its original design, the fruit of several months of research by the SFA engineering department, reflects our policy of continual product improvement across the range.

Occasional power failures, or a build-up of limescale deposits in older units (that are not regularly descaled), will cause a surcharge of water in the unit.

To deal with such unforseen problems, the SFA solution is to provide an immediate warning to stop using the unit and rectify the problem.

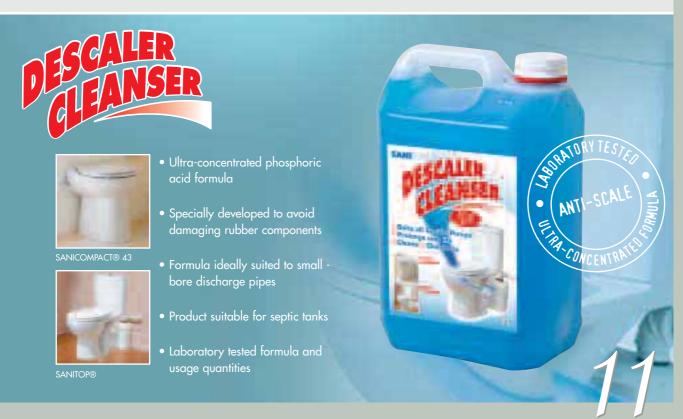
SANIALARM® has a level pressure switch that triggers an alarm fixed on the top of the SFA unit if the volume of water exceeds the maximum allowed level.

The alarm then emits a continuous sound, until it is switched off and the problem rectified.

SANIALARM® is battery operated and can be fitted on all models in the adaptable SFA macerator range, including Sanispeed and Sanivite pumps. It is easy to fit.

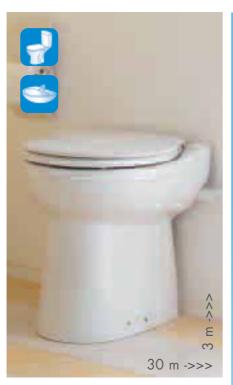


SANIALARM warns you if the water in the macerator rises to an unusually high level





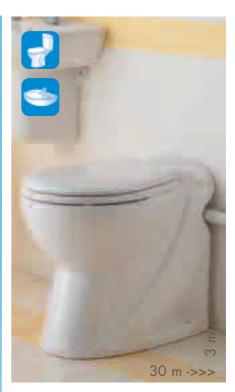
SANICOMPACT[®] Pro



A 2-in-1 solution focusing on design, space-saving and shape

Possible connection WC, washbasin **Pumping height** up to 3 m Horizontal pumping distance up to 30 m Recommended wasded pipe diameter 32 mm Maximum admissible waste water temperature 35°C Water consumption 5 litres/cycle Index of protection IP44 Electrical power supply 220-240 V / 50 Hz Motor power rating 800 W SANICOMPACT 43 390 x 430 x 445 mm

SANICOMPACT PRO 380 × 560 × 495 mm Removable non-return valve Toilet seat supplied Fixing kit supplied

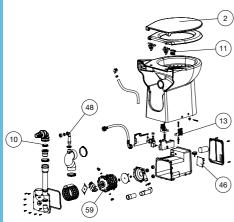


Comfortable and stylish ceramic bowl with macerating-pumping system



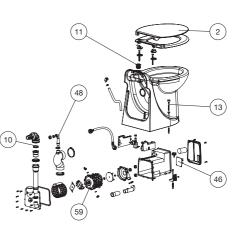
SANICOMPACT [•] units are ceramic WC models with built-in macerator pump. They have no external water tank, as the flushing mechanism is built in. **SANICOMPACT** [•] units macerate the WC waste and pump it away to the drain. They can also pump away the waste water from a washbasin. In this case, the motor activates automatically when the water enters.





	height (m)						
	3						
)	2						
	_						
	1						
	0						
	5	0	60	70	80	90	
					flov	w rate (l/min	.)

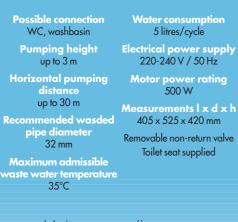
N°	Identification	Reference
2	Toilet seat	
	Sanicompact 43	NP100004
	Sanicompact Pro	SA200100
10	Non-return valve flap	AU010490
11	Pneumatic button	BPB
13	Fixing kit	
	Sanicompact 43	SACH37
	Sanicompact Pro	SACH38
46	Timer	AC120121
48	One way air vent	CLAPSIF
59	Complete motor	MPC

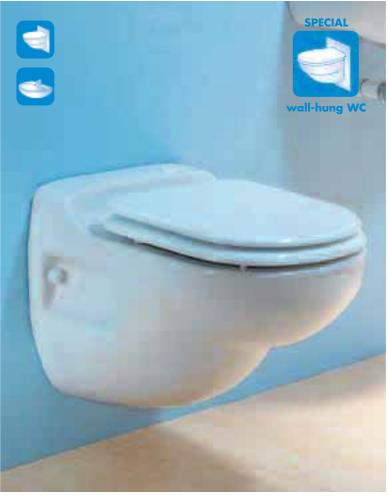


SARICOMPACT[®] Star

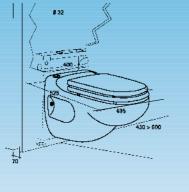


Convenient, **SANICOMPACT® STAR** is a wall-hung toilet, with an adjustable builtin support frame (from 45 to 60 cm), also adapted for the disabled.





Wall-hung ceramic WC with integrated macerating-pumping system

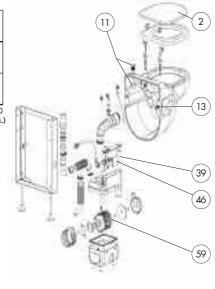




2 1 50 60 70 80 flow rate (l/min.)

height (m)

N°	Identifcation	Reference
2	Toilet seat	SED100100
11	Pneumatic button	BPB
13a	Fixing kit	SACH44
39	Condenser 20 µf clips	CO100157
46	Timer	AC120121
59	Complete motor	MSEULC7



SARISHOWER®



Its small dimensions and low level start make **SANISHOWER**[®] perfectly adapted to be integrated under a shower tray, or discreetly within a piece of furniture.



35°C

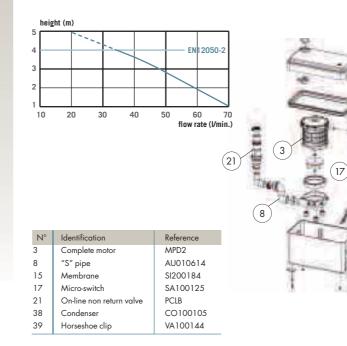
Index of protection IP44 Electrical power supply 220-240 V / 50 Hz Motor power rating 250 W

296 x 165 x 145 mm Removable non-return valve



A compact domestic pump, very convenient to install a washbasin and a shower

38 15





40 m ->>>





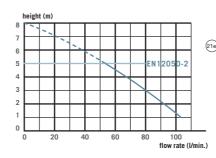


SANIVITE® Silence is specially designed to deal with the hot soapy pumped waste water from dishwasher or washing machine, making the addition of a domestic kitchen or utility room easy even when below or distant from a drain.

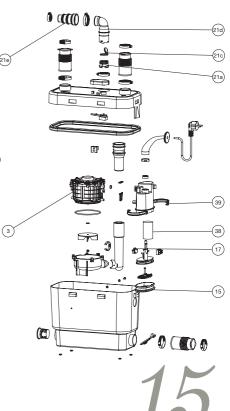
 Possible connection washbasin, shower, bidet, bathtub, sink, dishwasher, washing machine Pumping height up to 5 m Horizontal pumping distance up to 50 m Recommended wasded pipe diameter 32 mm Working temperature 35°C Maximum admissible water temperature 60°C (short periods) Index of protection 1P44 Electrical power supply 220-240 V / 50 Hz Motor power rating 400 W Measurements I x d x h 296 x 165 x 145 mm Non-return valve Can be equipped with Sanialarm*
so m->>>



Quiet domestic pump for a kitchen or a laundry room



N°	Identification	Reference
3	Complete motor	MPSV
15	Membrane	SI200184
17	Micro-switch	SA100140
21	Discharge elbow	CMBSAV
21c	Non return valve flap	SI200117
21e	3 outlet connector	BL120987
38	8µF condenser	CO100110
39	Horseshoe clip	VA100144







SANISPEED® Silence is a pump for discharge of waste water in commercial use (glass washers, dishwashers). It pumps up to 7 m and is especially suitable for intensive long-term running



up to 70 m

32 mm

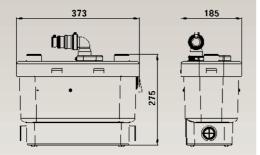
g temp 35°C 75°C (short periods) Index of protection IP44

220-240 V / 50 Hz

400 W

373 x 185 x 275 mm Non-return valve

Can be equipped with Sanialarm®

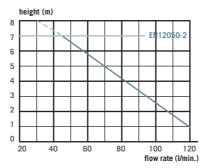




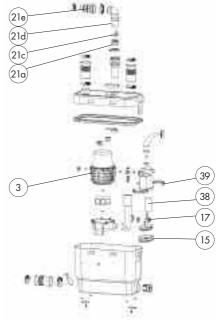




Strong commercial pump, ideal for use in bars, restaurants, canteens and other public places



N°	Identification	Reference
3	Complete motor	MPSSP
15	Membrane	SI200184
17	Micro-switch	SA100125
21a	Non return valve body	BL120019
21c	Non return valve flap	BL1200117
21d	Discharge elbow	BL120206
21e	3 outlet connector	BL120987
38	8µF condenser	CO100110
39	Horseshoe clip	VA100144

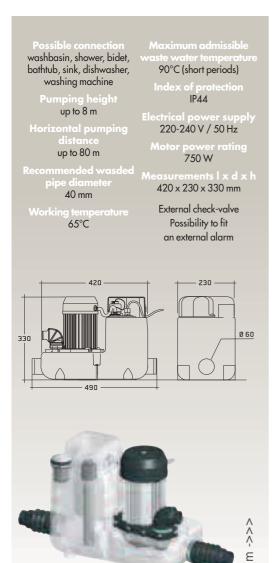


P U M P



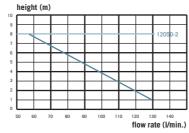


Resisting to high temperatures, **SANICOM**[®] can be used as a lift-station for any kind of waste waters (except toilet waters) in domestic and commercial places (bar, restaurant, laundry...)





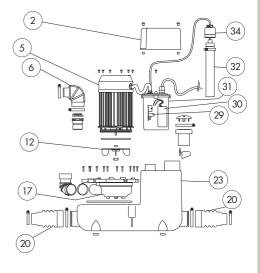
A high-performance pump for intensive and commercial use



N°	Identification	Reference
2	Lid	BL120063
5	Complete motor	MSEULCOM
6	Outlet elbow	AU010407
12	Sanicom impeller	GU100140
17	Motor shoe	BL120115
20	Waste inlet 62/40	AF120140
23	Sanicom base	RO250130
29	Timer	AC120165
30	8 µf condenser	CO100110
31	Electric box	BL120300
32	Plunger pipe	PU100100

ω

80 m ->>>





Wireless remote alarm

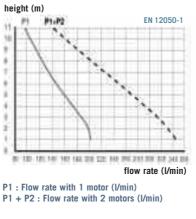


SANICUBIC® PRO is a heavy duty lift station for discharge of waste from multiple WC's and other waste water producing appliances (shower, bath, washing machine, dishwasher...) This smart unit with its multiple inlets in different diameters and double alarm (one on the unit and another remote) provides a high level of security and of performance.

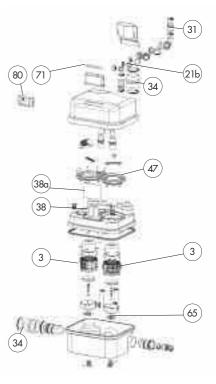
Possible connection several WC's, waste waters from kitchen, bathroom, laundry room Pumping height up to 11 m Horizontal pumping distance up to 100 m	Maximum admissible waste water temperature 70°C (short periods) Index of protection IP67 Net weight (accessories included) 30 Kg
Inlet diameter 1 inlet 40/50 mm 4 inlets 40/50/100/110 mm	Electrical power supply 220-240 V Motor power rating 2 x 1500 W
Recommended waste pipe diameter 50 mm Vent diameter 50 mm Case volume 47	Maximum current input 13 A Electrical classification I HF alarm outreach (in a free field) 50 to 100 m
Working temperature 35°C	2 non-return valves Control panel on the unit Two alarms - one unit mounted, one remote (HF)
	Outlet Ø 50 Vent Ø 50 Inlet Ø 40/50 Ø 100/110 Inlet Ø 40/50 Ø 100/110 Ø 100/110



An ideal solution to flush away all the waste water from a complete house



N°	Identification	Reference
3	Complete motor	MPR3
21b	Non-return valve flap	AU010020
31	Outlet connector	NP100800
34	Connector 100 / 110 mm	NP100176
38	18µF condenser	CO100160
38a	Timer	AC120200
47	Trap	BL120275
65	Complete blade	COUTEAU
71	Control panel	SER100110
80	Remote alarm	BOITALARMR3

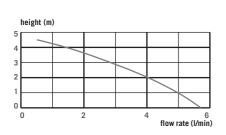






SANICONDENS® PLUS is used for disposing of the condensate from condensing boilers and other water producing equipment such as air conditioners, dehumidifiers etc.





condensing boilers, air conditioners, humidifiers up to 4,5 m up to 50 m Maximum flov 342 l/h ate at 4m head 156 l/h Minimum pH 2,5 220-240 V / 50 Hz 60 W of pro IP 20 < 45 dba g temp 35° C ximum admissible waste water temperature 80° C Sanicondens Plus: 2 kg Sanicondens Best: 2,6 kg 279 x 160 x 146 mm

> 279 x 179 x 254 mm Case volume 2 litres

Power cable 2 m

Drain pipe 6 m

Alarm 3-wire cable

Wall fixing kit Non-return valve Connection for alarm 2 inlet adaptors 1 outlet adaptor Ø 50 mm

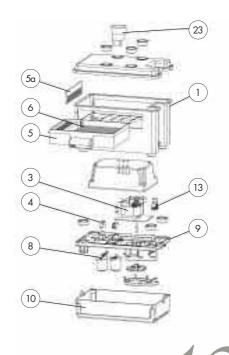
N°	Identification	Reference
1*	Neutralisation case	BL120773
3	Moteur	NP100693
4	Microswitch	SA100130
5*	Neutralisation drawer	BL120777
5a*	Neutralisation frame	BL120775
8	Float	GU100115
9	Plate	BL120238
10	Case	BL120237
13	Non-return valve	CLAPSK3
23	Inlet adaptor	BL120313

* For Sanicondens Best only





SANICONDENS® BEST is specially designed to evacuate and neutralise acidic concentrates from condensing oil and gas boilers.









SFA pumps and macerators meet the European standards currently in force (EN 12050-3 and EN 12050-2) and are produced in a factory with ISO 9001 certification in its 2000 version issued by AFAQ in France.

SMART SOLUTIONS TO INSTALL SANITARY AND UTILITY FACILITIES ANYWHERE YOU WANT



- Groupe SFA International, France
- 🕂 SANIFLO AB, Sweden
- SANIFLO, United Kingdom
- SFA Poland, Poland
- 🔵 SFA <u>Rus, Russia</u>
- <u>SFA SANIBROY</u>, Germany

- SFA BENELUX BV , Netherlands
 - SFA SANIRISH, Ireland
- SFA SANIFLO INC., USA
- 📀 SFA SANIFLO INC., Canada
- SFA SANITRIT, Italy
- 🛑 SFA SANITRIT, Spain

SFA LDA, Portugal
 SFA SANIFLO SRL, Romania
 SANIPUMP Pty, Australia
 SFA SANIBROY, Czech Republic

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