

PUMPS FOR BUILDING DRAINAGE



PUMPS AND DISPOSAL UNITS FOR PROFESSIONAL DISPOSAL

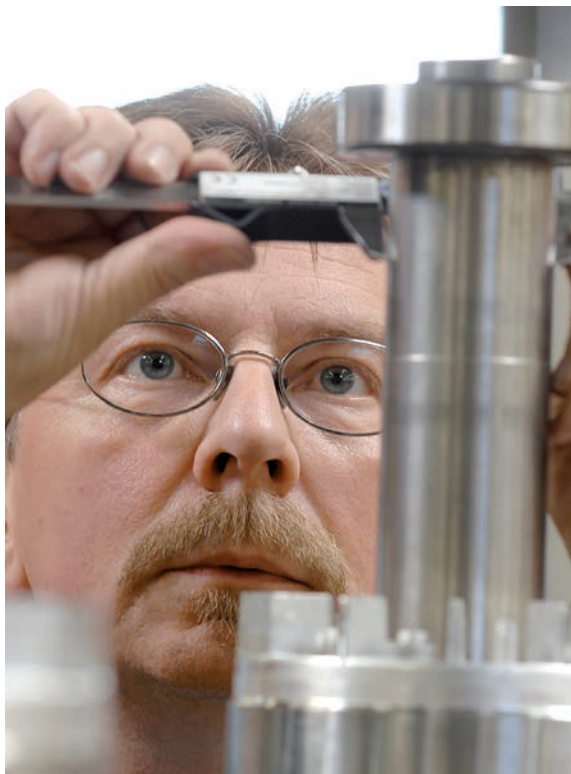


HOMA
P U M P T E C H N O L O G Y



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HOMA pumps – precision and quality “Made in Germany”.



Our individual support enables customised solutions.

WE GET THINGS MOVING

FOR 75 YEARS – IN 60 COUNTRIES

The success story of HOMA Pumpenfabrik GmbH began over 75 years ago in 1946, when Hans Hoffmann set up a workshop to repair electric motors. This modest enterprise has developed over the years into a medium sized, globally active, industrial company.

HOMA is still family-owned and is now managed by third generation, by Hans Hoffmann. The company's production site and head office are located in Neunkirchen-Seelscheid near Cologne, in Germany. HOMA pumps are sold through a global network of around 60 sales offices and distributors. As a result, pump systems from HOMA can be found in the Louvre in Paris, at Hong Kong International Airport and on the Palm Islands off the coast of Dubai.

INDIVIDUAL SUPPORT – CUSTOMISED SOLUTIONS

Thanks to close proximity to our customers, we are able to respond flexibly to customer requirements and offer highly customised solutions as a reliable partner. In development and manufacture, HOMA makes use of the latest 3D systems, fully automatic machining centres and a computer-controlled pump test bench for final inspection. Our processes are

underpinned by a comprehensive, ISO 9001 certified quality management system. State of the art technology, technical expertise and decades of experience ensure the superior quality of our products.

ONE BRAND – MANY APPLICATIONS

The comprehensive HOMA product range covers numerous areas of application. We manufacture pumps, disposal units and agitators with motors for various rotational speeds, voltages and frequencies, as well as hydraulics for a wide range of applications. We focus primarily on drainage and waste water systems, specialising in particularly powerful and economical submersible motor units. This makes HOMA pumps the first choice wherever water needs to be set or kept in motion.



OF THE FIRST WATER

The broad selection of HOMA submersible pumps always offers the ideal solution for the disposal of clean or waste water – whether in domestic, commercial or industrial environments. Whether for stationary or mobile cellar drainage, emergency use for floods, keeping construction sites, trenches or sumps dry, with HOMA you can be sure of finding the right product.

The product range includes:

- » Pumps for domestic waste water, including water containing coarse dirt particles
- » Pumps for suction to a low residual height, also with automatic operational control
- » Pumps for narrow sumps
- » Pumps for continuous operation
- » Pump series using different material combinations for special mechanical or chemical stress caused by the medium being handled





Reassuringly reliable: The Bully C140 pumps domestic waste water containing solids measuring up to 10 mm Ø, the C150 up to 20 mm Ø.



The all-rounder: Thanks to its 10 m connecting cable, the Bully is also suitable for mobile use outdoors

REAL ALL-ROUNDERS

BULLY C(H)140, BULLY C(H)150

Bully domestic waste water pumps can be used, in stationary operation, for sump and cellar drainage of domestic waste water, for example from washing machines, washbasins or showers. Mobile outdoor use, for example in the event of flooding or to keep trenches dry, is also possible thanks to the connecting cable that is 10 m long.

The pumps are equipped with a lever float switch for automatic operation, which can also be locked in position for continuous operation if required. The stainless steel shaft with ceramic coated sealing surface in combination with three shaft sealing rings and the intermediate oil chamber guarantees maximum operational reliability – even in continuous surface operation. Thanks to automatic aeration, the pumps can also be operated in a sump or container that occasionally

dries out. Plenty of other clever details, such as the removable strainer for low level suction or the automatic purging device, make Bully pumps reliable aids for waste water challenges!

The Bully C140WA easily pumps domestic waste water containing solids measuring up to 10 mm in diameter up to a delivery head of 7.0 m. Or if you need even more: The new Bully C150 WA is a powerhouse that can handle solid matter with a diameter of up to 20 mm and a delivery head of 10.5 m.

Thanks to optimised material selection, the Bully CH140WA and CH150WA chemical experts are even suitable for draining aqueous solutions from water softening systems with up to 15 % salt content or condensate from condensing boilers.





The C240 WF is an extraordinary labour saving device – no more mopping the floor by hand.

YOU'RE HOME AND DRY

CHROMATIC C240 WF SENSOFLAT, C270 WF

The Sensoflat series is a further example of innovative HOMA technology. This is the first low level submersible suction pump series for clean and domestic waste water with a sensor level switch to provide reliable protection against flooding.

The WF models switch on fully automatically at a water level of 5 mm, pump until only 2 mm of water remains, and then switch off via an electronic timer after 4 minutes.

These pumps can remain stationary in rooms without a pump sump to provide flood protection, or can be moved from place to place as manually operated residual water pumps. The Sensoflats also have a cooling jacket with discharge connector positioned at the top to prevent the motor overheating even after long operating times and at low water levels.

Their motor housing is made from corrosion-resistant stainless steel and the impeller from impact-resistant plastic. The outer housing of the C240 WF is made from plastic, whilst that of the C270 WF is stainless steel..



C240 WF: Pump switches on automatically at a water level of 5 mm – residual water is extracted down to 2 mm.

CHROMATIC C240 W FLAT

The C240 W extends the series of low level suction pumps. It pumps clean and domestic waste water containing solids measuring up to 3 mm down to a residual water level of 2 mm. Furthermore, the adjustable rubber feet allow the residual water pumping height to be set to different levels. Depending on the area of application, the pumping height can be reduced to 1 mm or, if necessary, increased to 10 mm.





C260 WA: Powerful and reliable submersible pump for versatile usage.



C250 WE with integral float for narrow sumps.

COMPACT YET POWERFUL

CHROMATIC C(H)250, C(H)260

The Chromatic series includes powerful and reliable submersible pumps for clean and domestic waste water containing solid particles measuring up to 10 mm. Their motor housing consists of corrosion-resistant stainless steel, whilst the ceramic coated sealing surface of the stainless steel motor shaft guarantees an especially long service life. The outer housing and impeller are made from impact-resistant plastic. Further features include an integral air vent valve, a sealed cable inlet and a removable strainer which enables low level suction down to 5 mm.

As truly universal drainage pumps, they are suitable for numerous application areas. They are the ideal helpers for disposing of domestic waste water from cellars, reducing surface water, keeping trenches and sumps dry, extracting water from watercourses and reservoirs, or for flooding emergencies. Thanks to the highly resistant materials used, the CH versions of this series easily dispose of chemically aggressive domestic waste water, such as salt water (up to 15 % salinity) from water softening systems or condensate from condensing boilers.

The pumps are not only available with an automatic float switch (WA version) for stationary operation in pump sumps, for example, but also without a float switch (W version) for mobile use as manually operated pumps.

The integrated non-return valve ensures straightforward connection. In the A version, the pumps also feature an adjustable float attachment for even greater versatility in changing the operating level. All models in the Chromatic series have a cooling jacket with discharge connector positioned at the top so that sufficient motor cooling is ensured at all times, even at low water levels. And even if they run dry, the integral temperature switch protects the motor against overheating.

CHROMATIC C250 WE

As part of the Chromatic series, the C250 WE also features the fundamental technical properties described above. Its float switch, however, is integrated in the pump housing. This has a significant advantage: due to the extremely low installed width, it is ideal for draining relatively narrow sumps with a small diameter.



C80 W: Reliable continuous operation as a circulation pump in streams, garden ponds and fountains.



C80 W pumps down to 2 mm residual water level and leaves surfaces and floors practically wipe-dry.

ENDURANCE AND RELIABILITY

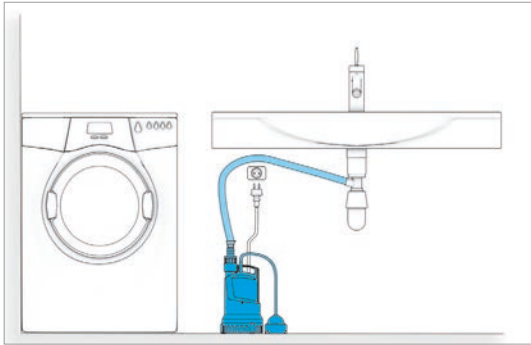
The highlight: as glandless pumps with fully encapsulated motor without shaft seal, there is no possibility of motor damage due to gasket wear. This makes it absolutely reliable even in continuous operation. It is therefore ideal as a circulation pump in ponds or streams.

C80 W

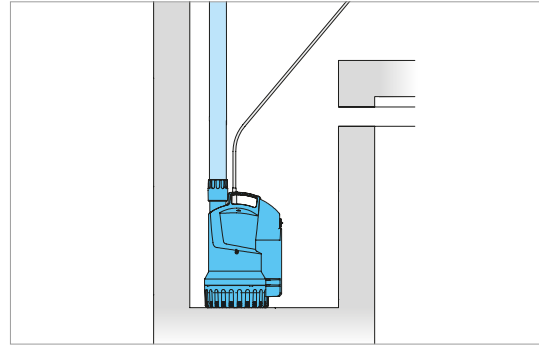
As a submersible pump for clean and lightly soiled water containing dirt particles measuring up to 1 mm, the C80 W is ideal for mobile use as a manually operated residual water pump for flooding. With its low level suction hydraulics, it pumps water down to a level of 2 mm, leaving floors and surfaces needing just a wipe to get them dry again.

Furthermore, its cooling jacket with discharge connector positioned at the top prevents the motor overheating in continuous operation and at low water levels. The outer housing and impeller are made from impact-resistant plastic.

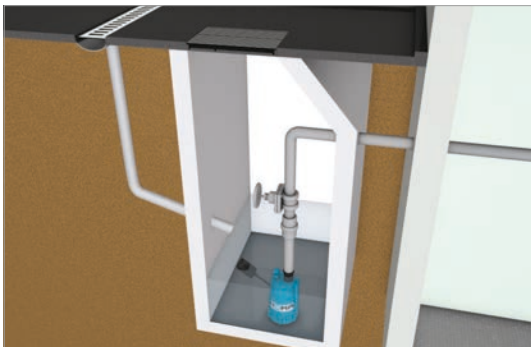




C240 WF: Pump switches on automatically at a water level of 5 mm – residual water is extracted down to 2 mm.



C250 WE: Permanent installation even in narrow sumps is no problem thanks to the integral float.



Chromatic: Usage in a collection sump with automatic float switch.



The retrofittable special float (available as an accessory) enables a reduction of the switching heights. (C140: ON ca. 120 mm / OFF ca. 50 mm | C150: ON ca. 130 mm / OFF ca. 60 mm)

TECHNICAL OVERVIEW

Pump type	Motor input (kW)	Nominal current (A)	H max (m)	Q max (m³/h)	Discharge connector	Particle size (mm)	Weight (kg)	Construction dimensions (mm) ØxH LxWxH
Bully C(H)140 WA	0,32	1,4	7,0	6,5	G1 1/4	10	4,1	Ø138 x 252
Bully C(H)150 WA	0,75	3,5	10,5	12,5	G1 1/4	20	6,0	Ø172 x 298
Chromatic C240 W Flat	0,50	2,2	8,0	10,0	G1 1/4	3	5,0	Ø160 x 301
Chromatic C(H)250 W(A)	0,55	2,5	8,0	12,0	G1 1/4	10	5,3	Ø160 x 319
Chromatic C(H)260 W(A)	0,90	4,0	11,5	16,0	G1 1/4	10	6,1	Ø180 x 339
Chromatic C250 WE	0,55	2,5	8,0	12,0	G1 1/4	10	5,3	Ø160 x 319
Chromatic C240 WF Sensoflat	0,50	2,2	8,0	10,0	G1 1/4	3	5,4	Ø160 x 301
C270 WF Sensoflat	0,70	3,2	10,2	9,7	G1 1/4	2	7,0	Ø153 x 246
C80 W	0,08	1,2	3,0	2,8	G 3/4	1	2,5	Ø146 x 154,5

Max. temperature of the pumped medium for all pumps: 35 °C; short-time operation up to 60 °C.



FIRST AID THAT'S SECOND TO NONE

Nature has its own laws. And nobody can predict exactly when the next flood will engulf cellars and garages. To help you be prepared for the worst, HOMA has developed a powerful Flood Set. This handy, lightweight kit in a practical storage box is a must for any household at risk of flooding. Because when the water level rises, it is there to help you even faster than the fire brigade. So in an emergency you can be sure to make it home and dry!

EXTREMELY SIMPLE TO USE

If a flood takes you by surprise, you need help fast. So you'll be glad to know that the HOMA Flood Set can be up and running immediately: simply place the storage box containing the pump on the floor, use the quick connector to attach the fabric drain hose, and connect the power supply. Then stand back and let the pumping begin – even up to heights of more than seven metres.

Pumps don't come faster or more practical than that!





Submersible pumps are handy helpers for flooding emergencies.



Ready for operation in next to no time: connect the hose and plug in the pump. Done!

RELIABLE HELP IN EMERGENCIES

FLUT-SET

The most important element of the HOMA Flood Set is the powerful stainless steel submersible drainage pump, type Bully C150WA. It pumps up to 12 m³ of water per hour and is equipped with an automatic float switch.

Even domestic waste water containing coarse solids measuring up to 20 mm in diameter can be pumped away with ease. In standard operation, the temperature of the water being pumped should not be more than 35 °C, but can reach up to 60 °C for a short-time operation. The cooling jacket with discharge connector positioned at the top ensures sufficient cooling for the motor at all times, even at low water levels. Better safe than sorry!

FLUT-SET PRO

The Flood Set Pro includes the submersible drainage pump HBP503. It pumps up to 15 m³ of water up to 6 mm grain size per hour. Due to the robust construction and the wear-resistant materials of the pump, the Flood Set Pro can also be used for flooding with abrasive sand or sludge contamination.



TECHNICAL DATA

Pump type	Motor input (kW)	Nominal current (A)	H max (m)	Q max (m ³ /h)	Discharge connector	Particle size (mm)	Weight (kg)	Construction dimensions (mm) LxWxH
Flut-Set	0,75	3,5	10,5	12,5	G1 1/4/ C-coupling	20	11,2	400 x 300 x 340
Flut-Set Pro	0,67	3,0	12,0	15,5	G2 / C-coupling	6	20,6	400 x 300 x 340



WHEN THE GOING GETS TOUGH

CR253, CR360V - CR372V

The CR253 and CR360 – 372V are versatile drainage pumps with a robust design – the housing and impeller are made from high grade stainless steel. Their motor shafts are sealed with a particularly wear-resistant mechanical seal. The pumps provide drainage of clean or dirty water, with the CR253 able to handle dirt particles measuring up to 10 mm. With their vortex impeller, the CR360 – 372V pumps are even able to handle solids measuring up to 20 resp. 30 mm in diameter.

They are available with or without an automatic float switch and can therefore be used either while stationary, such as in pump sumps, or in manual operation. They are ideally suited to the disposal of domestic waste water from cellars – for example from a washbasin, shower or washing machine – for keeping trenches and sumps dry, reducing surface water, for use in flooding emergencies or for extracting

water from watercourses and reservoirs.

The cooling jacket with discharge connector positioned at the top prevents the motor overheating at low water levels or if it is not submerged.





HBP503 - HBP555: Powerful. Compact. Designed for use in difficult conditions.



HBPR504 - HBPR508: Equipped with a stainless steel agitator head for strong pumping action even with sludgy and greasy media..

IDEAL FOR DIFFICULT CONDITIONS

The robust submersible pumps of the HBP series are particularly suitable for use in difficult conditions. For example, in the case of pumped media with highly abrasive components or with abrasive sand or sludge contamination, as is usually the case in the drainage of construction sites, they can unfold their full performance potential with optimally matched components.

HBP

The sturdy design and wear-resistant materials of the impeller, pump housing and diffuser guarantee the HBP pumps a long service life. The same high quality can be found on the inside too: the motor shaft is sealed with a high grade mechanical seal. The cooling jacket with discharge at the top provides effective cooling for reliable continuous operation. Built-in cable strain relief protects the sealed cable inlet even in arduous outdoor use, to ensure operational readiness at all times.

HBPR

The new HBPR construction pumps are also compact, powerful and wear-resistant, which makes them ideal for mobile use. They have the same features as the HBP series, plus they are additionally equipped with a stainless steel agitator head to enable strong pumping action for sludgy and greasy media. Rotating the agitator head allows the pumped medium to flow more easily. Problematic mixtures of waste water, sand or bentonite are effectively pumped away through turbulence and the special suction action of the HBPR.





Our power packs make short work of waste water disposal.



Versatile – for use in domestic, commercial or industrial environments

COMPACT POWER PACKS

TCV

With a free passage of up to 65 mm, these submersible pumps with horizontal discharge connector, manufactured entirely from high grade stainless steel, were designed first and foremost to pump waste water containing coarse solids in domestic, commercial or industrial environments.

The TCV models feature a vortex impeller, which is ideal for media containing gas or air, with coarse or long stringy components prone to clogging.

The pumps are available either with an automatic float switch (WA/DA version) for water level-dependent operational control, or without an automatic float switch for manual operation. The motor shaft in all models is sealed with a particularly wear-resistant mechanical seal in an oil barrier chamber.

TP28 - TP70

From a technical viewpoint, these pumps largely correspond to the TCV models. They differ in terms of their materials. The TP models are partly or entirely made from resilient grey cast iron.

They can be found in use wherever waste water from domestic or other environments containing a large amount of solids needs to be removed. The pumps in the TP series are available with vortex or single-vane impellers, with a free passage from 28 to 70 mm.





Always ready to use on every construction site: The new "BAU-BOX" set consisting of pump type HBP503, carrying basket and 10 m fabric hose with couplings.



The EL3-PUKIT add-on sensor switch is the ideal solution for automatic operation in narrow sumps. It is simple to retrofit and sufficiently flexible to install thanks to its 10 m cable. Available for the 250W, C260W, C240W Flat and CR360V pump types.

TECHNICAL OVERVIEW

Pump type	Motor input (kW)	Nominal current (A)	H max (m)	Q max (m³/h)	Discharge connector	Particle size (mm)	Weight (kg)	Construction dimensions (mm) ØxH (LxWxH)
CR253 WA	0,53	2,1	8,0	10,0	G1 1/4	10	5,0	Ø151 x 316
CR360 V W (A)	0,63	2,9	7,3	11,5	G1 1/4	20	6,9	Ø154 x 285
CR372 V W (A)	2,2	9,5	12,0	25,0	G2	30	20,0	Ø212 x 389

HBP503 W(A)	0,67	3,0	12,0	15,5	G2 / C-Coupling	6	16,0	Ø184 x 339
HBP507 WA	1,1	5,0	15,0	20,0	G2 / C-Coupling	6	18,0	Ø184 x 359
HBP512 WA	2,1	10,0	20,0	30,0	G2 / C-Coupling	8	36,0	Ø238 x 583
HBP512 D	2,0	3,5	20,0	30,0	G2 / C-Coupling	8	37,0	Ø238 x 563
HBP512 DA	2,0	3,5	20,0	30,0	G2 / C-Coupling	8	39,0	Ø238 x 613
HBP522 D(A)	3,0	5,3	18,0	55,0	G3 / B-Coupling	8	37,5	Ø238 x 569
HBP537 D(A)	4,6	7,7	26,0	63,0	G3 / B-Coupling	8	60,5	Ø274 x 606
HBP555 D(A)	6,7	11,4	31,0	70,0	G3 / B-Coupling	8	67,0	Ø274 x 646

HBP500/7,5 D(A)	9,0	15	32	120	G6 / F-Coupling	19	110	Ø332 x 816
HBP500/7,5 HD(A)	9,0	15	41	90	G4 / A-Coupling	11	108	Ø332 x 806
HBP500/11,0 D(A)	13,3	22	35	160	G6 / F-Coupling	19	125	Ø332 x 861

HBPR504 W(A)	0,7	3,0	12	13	R1 1/2 / C-Coupling	6	14	Ø150 x 340
HBPR508 WA	1,2	5,0	16	17	R1 1/2 / C-Coupling	6	16	Ø150 x 380

Bau-Box	0,67	3,0	12,0	15,5	G2 / C-Coupling	6	20,6	400 x 300 x 340
Bau-Box R	0,7	3,0	12	13	R1 1/2 / C-Coupling	6	19,0	400 x 300 x 340

TCV408 WA	1,0	4,9	10,5	16,5	G1 1/2	35	7,1	Ø168 x 378
TCV514 W (A)	1,4	6,0	9,0	23,0	G2	50	11,0	Ø180 x 370
TCV519 W (A)	1,9	9,6	12,7	28,0	G2	50	13,0	Ø180 x 407
TCV513 D	1,4	2,4	9,0	23,0	G2	50	11,0	Ø180 x 370
TCV517 D	2,2	3,7	12,7	28,0	G2	50	13,0	Ø180 x 407

Max. temperature of the pumped medium for all pumps: 35 °C; short-time operation up to 60 °C.



CLEAN SOLUTIONS FOR DIRTY WATER

In cases where it is not possible to dispose of domestic waste water into the sewer system via a natural gradient, the Saniquick series of disposal units offers a clean and reliable solution. All the models in the Saniquick series of domestic waste water disposal units are automatic, ready to connect and available as single or double pump stations. Applications therefore range from private use in detached houses to commercial use in housing complexes, shower facilities or campsites.

There are two siting options: As an above-floor unit, the Saniquick can be freestanding or as an underfloor system, it can be built into the floor. The height-adjustable compensation frame can be used to adjust the tileable cover plate with floor drain and odour trap to match the floor level.

The easy connect system ensures easy installation, with no need for special tools. In addition to straightforward commissioning, the Saniquick has three inlet connectors which allow the connection of a washbasin, shower, washing machine and bathtub. Inside the tank, the unit is compatible with up to 16 HOMA pumps. The Saniquick range therefore offers the right unit for any application.





No unpleasant odours: The new odour trap keeps smells at bay even without a water barrier.



The cover plate with floor drain and odour trap can be rotated and tiled over if required.

ONE CONTAINER MANY POSSIBILITIES

SANIQUICK UF100 UND SANIQUICK UFT100

As single or double pump stations, Saniquick UF(T)100 underfloor disposal units pump small or large quantities of domestic waste water. The collection tank with a usable volume of 66 l has three DN 100 inlets, a pressure outlet with integral non-return valve, and a DN 70 air vent connection.

Mounting the installation kit requires no tools and replacing or servicing the pump is extremely quick and easy thanks to the easy connect system. The operation of the dual disposal unit is controlled and monitored by the HOMA PCM control system, which runs the pumps on an alternating basis for average loads. This ensures a particularly long service life. The extensive range of optional accessories includes a wall collar, thin-bed sealing and a pipe vent with activated carbon filter.



SANIQUICK UF200 UND SANIQUICK UFT200

The Saniquick UF(T)200 units can also be run as single or double pump stations but they offer more space. In these models, the collection tank has a usable volume of 130 l. Depending on the intended use, 16 different pump types can be installed, which makes these units also suitable for use in commercial or industrial buildings.

There are more inlet options too: The collection sump has two DN 100 inlet connectors (DN 50 internally) and one DN 150 inlet connector (DN 100 internally), one DN 70 air vent connection and two DN 50 emergency drain connections. The range of accessories is equivalent to the Saniquick UF(T)100.





The pumps can be easily fitted and removed with no special tools using the easy connect system.



The Saniquick B(T) 200 and Saniquick UF(T) 200 handle the accumulated domestic waste water produced by multiple washing machines, effortlessly.

FOR EASY RETROFIT INSTALLATION

SANIQUELICK B100 UND SANIQUELICK BT100

For applications where a domestic waste water disposal unit cannot be sunk into the floor, or is required for retrofitting in cellars, basement flats or bathrooms, the Saniquick B(T)100 above-floor model is the ideal solution. Available as a single or double pump station, this unit is suitable for cellar drainage and allows connection of washbasins, washing machines and other drainage items. Like its underfloor equivalent, this unit has a usable volume of 66 l and three DN 100 inlet connectors, a pressure outlet with integral non-return valve, and a DN 70 air vent connection. It also features an odour-proof cover with clamp fastener. In the single stations, level control is via an integral float switch, and in the double stations, via the HOMA PCM control system with pneumatic measuring system.

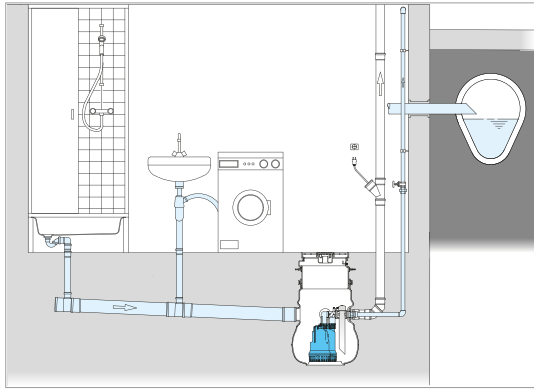


SANIQUELICK B200 UND SANIQUELICK BT200

The Saniquick B(T)200 is exactly the right size to cope with large volumes of domestic waste water. With a usable volume of 130 l and the possibility of using more powerful types of pump, it can effortlessly handle even large quantities of domestic waste water.

As a single station, the Saniquick B200 reliably pumps away grey water. The Saniquick is used as a double station in cases where larger quantities of domestic waste water need to be disposed of and increased safety is required. With the dual strength of two pumps, the Saniquick BT200 is able to handle even peak loads. In normal operation, the double station switches between pumps after each operating cycle, which increases the service life of the unit. The Saniquick B(T)200 also effectively prevents odours thanks to its cover with clamp fastener.

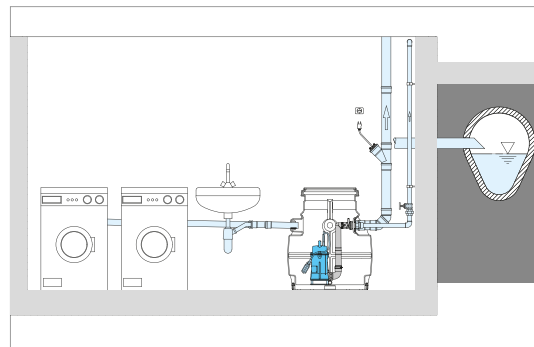




Saniquick UF(T) 100: Shower, washing machine and washbasin all connected.



Can be used safely even in groundwater-endangered areas. This is possible thanks to the wall collar, which is available as an accessory for models UF(T)100/200.



Saniquick B(T) 200: Underfloor collection sump with pump..



Operation of the dual disposal unit is controlled and monitored by the HOMA PCM control system. An innovative pump controller with convenient app based operation.

TECHNICAL OVERVIEW

Pump type	Motor input (kW)	Nominal current (A)	H max (m)	Q max (m³/h)	Discharge connector	Particle size (mm)	Weight (kg)	Construction dimensions (mm) ØxH
Saniquick UF100 / UFT100	0,32- 1,1	1,4- 5,6	7,0- 13,6	6,5- 25,0	G1 1/4	10- 35	20- 62	Ø568 x 851
Saniquick UF200 / UFT200	0,32- 1,2	1,4- 5,6	7,0- 13,6	6,5- 25,0	G1 1/4	10- 28	29- 62	Ø800 x 946
Saniquick B100 / BT100	0,32- 1,1	1,4- 5,6	7,0- 13,6	6,5- 25,0	G1 1/4	10- 28	20- 62	Ø568 x 746
Saniquick B200 / BT200	0,32- 1,2	1,4- 5,6	7,0- 13,6	6,5- 25,0	G1 1/4	10- 28	29- 62	Ø800 x 841

ALARM CONTROL UNITS

In order to be able to offer our customers optimum solutions, we have a broad range of control systems/alarm control units. Water level-dependent alarm signalling devices for operation with various level sensors or alarm control units with washing machine stop are just a few of the control units we can provide. Our complete range can be found in our special brochure "Control systems/alarm control units"

AL3 alarm control unit – with float switch, tank float, back pressure switch or floor sensor
ALWS alarm control unit – with washing machine stop and tank float



OFFERING CONVENIENCE AND FLEXIBILITY

WC pumps and small domestic waste water disposal units are needed where waste water from domestic or other environments occurs in rooms located below the sewer backflow level or where there is an insufficient fall to the nearest waste water collection sump.

Domestic waste water disposal units pump water from up to three sanitary units. WC pumps (also available for pre-wall installation) with powerful cutter systems also dispose of waste water from the toilet. All units

from HOMA possess the same quality features: their collection tanks are made from rot-proof, gas-tight and odour-proof plastic, and stand out on account of their elegant, contemporary design, characterised by numerous smooth surfaces and partially concealed connections.

Numerous connection options and a compact, space saving design ensure maximum installation flexibility.





Disposal of domestic waste water from the washing machine. (Photo: Miele)



WC, shower and washbasin connected to the Saniflux.

LITTLE SPACE – ENORMOUS POSSIBILITIES

SANIQUEICK 1A, SAN.iQ ONE UND SAN.iQ PLUS

As ready-to-connect, small domestic waste water disposal units with automatic level control, the Saniquick 1A, B, San.iQ one and San.iQ plus are a perfect and affordable solution for domestic waste water disposal. A diameter of at least 25 mm is sufficient for the pressure pipe. This makes retrofitting much more straightforward (in older buildings, for example). The units can be easily integrated into any bathroom thanks to their minimum space requirement.

Saniquick 1A: Water disposal from the washbasin, shower and washing machine.

San.iQ one: Water disposal from the washbasin, bidet, urinal, shower, bathtub and washing machine. Tank with separate dry area. Intelligent control technology with alarm function. Now also suitable for chemically aggressive domestic waste water.

San.iQ plus: Water disposal from the shower, bathtub, washbasin, dishwasher and washing machine. Large collection tank with powerful Bully C(H)140WA pump. Furthermore, the CH version disposes of chemically aggressive domestic waste water, such as salt water (up to 15 % salinity) from water softening systems or condensate from condensing boilers.





Particularly maintenance-friendly: When servicing the San.iQ units, the complete motor unit can be removed in a few simple steps.



Barracuda stainless steel cutter system for reliable maceration of solids.

THE EASY WAY TO DISPOSE OF DOMESTIC WASTE WATER

SANIFOX AND SAN.iQ CUT

The Sanifox and San.iQ cut WC pumps offer the same benefits in terms of straightforward installation. Their compact design and direct WC connection enable installation immediately behind the toilet. Both pumps have a quiet, single-stage centrifugal pump with pneumatic level control. The integral stainless steel cutter system effectively and reliably shreds sewage (containing faeces) and toilet paper.

Sanifox: This compact unit can serve a washbasin, shower and bidet, in addition to the WC.

San.iQ cut: Alongside the high performance Barracuda cutter system, this particularly powerful WC pump features intelligent control technology with alarm function. Furthermore, the tank has a separate dry area to facilitate access when servicing is required.

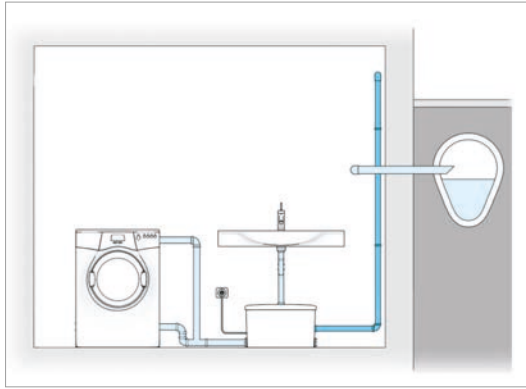
SANIFLUX V UND SAN.iQ CUT V

The two WC pumps are equipped with a lateral WC inlet for pre-wall installation. They also have side inlets for a washbasin, shower or bidet. All the most important components are easily accessible for maintenance via the inspection aperture in the pre-wall.

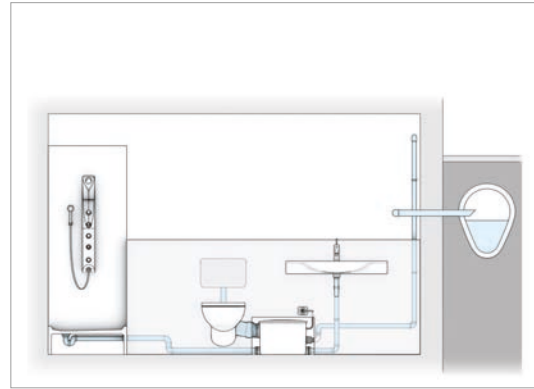
Saniflux V: The upstream cutter system reliably macerates faeces and toilet paper. A diameter of 1" or more for the pressure pipe to the next sewer pipe is therefore sufficient.

San.iQ cut V: Equipped with the robust HOMA Barracuda stainless steel cutter system. It also has a slope in the pump unit which prevents deposits from forming at the bottom of the tank. By connecting an external ventilation system, no moisture can get into the pre-wall, so mould formation is prevented.

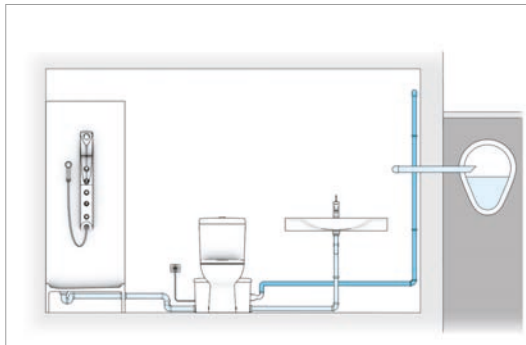




Saniquick 1A: Connection of the washing machine and washbasin or shower..



Saniflux V and San.iQ cut for pre-wall installation.



Sanifox and San.iQ cut: Connection of the WC, shower and washbasin.



The AL3 and ALWS alarm control units represent only a small fraction of our extensive range of alarm control units/control systems – shown here in the version with tank float.

TECHNICAL OVERVIEW

Pump type	Motor input (kW)	Nominal current (A)	H max (m)	Q max (m³/h)	Discharge connector	Particle size (mm)	Weight (kg)	Construction dimensions (mm) ØxH LxWxH
Saniquick 1A	0,65	2,1	6,5	4,3	Ø 25 mm	10	8,0	355 x 166 x 265
San.iQ one	0,65	2,8	6,5	7,0	Ø 40 mm	10	8,0	488 x 173 x 285
San.iQ plus- C140WA	0,32	1,4	7,0	6,5	Ø 40 mm	10	7,0	410 x 310 x 373
San.iQ plus- CH140WA	0,32	1,4	7,0	6,5	Ø 40 mm	10	7,0	410 x 310 x 373
Sanifox	0,50	2,1	5,8	4,3	Ø 25 mm	–	8,0	355 x 166 x 257
San.iQ cut	0,65	2,8	6,5	6,5	Ø 40/32 mm	–	8,0	488 x 173 x 285
Saniflux V	0,65	2,1	6,5	4,3	Ø 25 mm	–	8,0	355 x 165 x 261
San.iQ cut V	0,65	2,8	6,5	6,5	Ø 40/32 mm	–	7,0	515 x 170 x 270

ALARM CONTROL UNITS

In order to be able to offer our customers optimum solutions, we have a broad range of control systems/alarm control units. Water level-dependent alarm signalling devices for operation with various level sensors or alarm control units with washing machine stop are just a few of the control units we can provide. Our complete range can be found in our special brochure "Control systems/alarm control units".

AL3 alarm control unit – with float switch, tank float, back pressure switch or floor sensor
ALWS alarm control unit – with washing machine stop and tank float



DISPOSAL UNITS AT THEIR BEST

When disposing of waste water (from toilets, washbasins, showers, etc.) in rooms located below the backflow level or which do not have a sufficient fall to the sewer, floodable waste water disposal units from HOMA are exactly what you need.

They are ideally suited to the disposal of waste water from sanitary facilities in private, commercial and public buildings, such as detached houses, restaurants, schools and public authority properties, as well as for new build or the renovation of older

buildings. Their versatility in application is matched by their flexibility in installation – not least due to the broad range of models available, universal connection options, wide selection of collection tanks in different sizes, and extensive accessories.





Suitable for professional waste water disposal in detached houses.



Can also be used for professional waste water disposal in public buildings.

BEYOND COMPARE

SANISTAR, SANISTAR C UND SANISTAR PLUS

Sanistar waste water disposal units are particularly distinguished by their ideal combination of compact design and high usable volume. Their minimal dimensions and great flexibility not only save space, but also enable straightforward installation, even when retrofitting.

Sanistar waste water disposal units are available with HOMA submersible pumps of different ratings. The quality features, such as a non-clogging impeller, shaft seal with oil barrier chamber and thermal switch in the motor winding, make the Sanistar a particularly reliable pump station – even when fully flooded.

In addition, the soft sealing non-return ball valve ensures quiet and dependable operation. Furthermore, all important functions are regulated and monitored by the ready-to-connect, electronic control unit with pneumatic level control.

SANISTAR: As individual units with one pump, the models in the Sanistar series and the Sanipower TP30 are particularly well suited to use in detached houses. They are available as dual disposal units for use in apartment houses, commercial or public buildings.

SANISTAR C: Sanistar C units are equipped with powerful stainless steel motors, which can pump domestic waste water up to a maximum of 12.5 m, yet are surprisingly lightweight.





Making short work of solids: The upstream cutter system of the Saniboy G and Sanimaster G.



Disposal even in larger buildings is no problem with the Sanimaster PE.

TOP PERFORMANCE IN MANY APPLICATION AREAS

SANISTAR PLUS: The Sanistar Plus has a collection tank with a particularly large operating volume and is therefore primarily suitable for use in larger properties such as residential complexes, office buildings or restaurants. As a dual disposal unit, it is available with either one collection tank, or two connected tanks arranged in tandem with a total operating volume of 450 litres.

SANIPOWER, SANIBOY G AND SANIMASTER G

These flood-proof individual (Sanipower and Saniboy G) or dual disposal units (Sanimaster G), featuring pumps with cutter systems, can be used for the removal of waste water from buildings wherever there is a high delivery head and relatively low delivery volume, and/or the use of smaller pressure pipes (DN 40 or DN 50) is advantageous.

This is the case, for example, with the pressure drainage of individual points of origin in overdeveloped or topographically difficult terrain. The use of such pipework considerably reduces the construction work and costs compared to conventional waste water pipelines. Thanks to their compact collection tanks with numerous different connections, these units

offer particularly flexible installation options. Compact and easy to operate control units with pneumatic back pressure control enable fully automatic regulation and monitoring of the units.

SANIMASTER PE

These disposal units, with a wide selection of powerful waste water pumps and a large tank volume (from 400 litres), are primarily suitable for the disposal of waste water from larger buildings, such as department stores, hospitals, public authority properties or schools.





The right model for every application (from left): Sanistar Plus – Saniboy G – Sanimaster .

TECHNICAL OVERVIEW

Pump type	Number of pumps	Motor input (kW)	Nominal current (A)	H max (m)	Q max (m³/h)	Discharge	Weight (kg)	Operating volume (l)
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Sanistar C102 W	1	1,2	5,3	9,5	28,0	DN 80	32	30
Sanistar C102 D	1	1,2	2,2	9,5	28,0	DN 80	32	30
Sanistar C106 W	1	1,6	7,0	12,5	34,0	DN 80	33	30
Sanistar C106 D	1	1,6	2,5	12,5	34,0	DN 80	33	30
Sanistar 105W (205W)	1 (2)	1,6	7,0	13,0	32,0	DN 80	64 (92)	30 (45)
Sanistar 105D (205D)	1 (2)	1,5	2,5	13,0	32,0	DN 80	64 (92)	30 (45)
Sanistar 110W (210W)	1 (2)	1,7	7,1	8,0	44,3	DN 80	66 (96)	30 (45)
Sanistar 110D (210D)	1 (2)	1,5	3,1	8,0	44,3	DN 80	66 (96)	30 (45)
Sanistar 120W (220W)	1 (2)	2,3	10,7	9,8	47,9	DN 80	73 (110)	30 (45)
Sanistar 120D (220D)	1 (2)	2,3	4,4	9,8	47,9	DN 80	73 (110)	30 (45)
Sanistar 130D (230D)	1 (2)	3,0	5,1	15,5	36,0	DN 80	73 (110)	30 (45)
Sanistar PLUS 320W (620W)	2 (2)	2,3	10,7	9,8	49,7	DN 80	132 (204)	225 (450)
Sanistar PLUS 320D (620D)	2 (2)	2,3	4,4	9,8	49,7	DN 80	132 (204)	225 (450)
Sanistar PLUS 325D (625D)	2 (2)	3,7	6,5	11,0	67,3	DN 80	148 (220)	225 (450)
Sanistar PLUS 330D (630D)	2 (2)	3,0	5,1	15,0	36,0	DN 80	132 (204)	225 (450)
Sanistar PLUS 335D (635D)	2 (2)	4,0	6,6	18,0	37,4	DN 80	148 (220)	225 (450)

Sanipower	1	1,4	6,5	16,5	21,0	G2	32	11
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Saniboy G 180-16W	1	1,5	7,5	20,4	18,7	R1 1/2	37	31
Saniboy G 180-16D	1	1,3	2,5	20,8	19,8	R1 1/2	37	31
Saniboy G 180-26D	1	2,5	4,4	33,0	20,9	R1 1/2	51	31
Saniboy G 250-16W	1	1,5	7,5	20,4	18,7	R1 1/2	37	31
Saniboy G 250-16D	1	1,3	2,5	20,8	19,8	R1 1/2	37	31
Saniboy G 250-26D	1	2,5	4,4	33,0	20,9	R1 1/2	51	31
Sanimaster G 180-16W	2	1,5	7,5	20,4	18,7	R1 1/2	62	31
Sanimaster G 180-16D	2	1,3	2,5	20,8	19,8	R1 1/2	62	31
Sanimaster G 180-26D	2	2,5	4,4	33,0	20,9	R1 1/2	89	31
Sanimaster G 250-16W	2	1,5	7,5	20,4	18,7	R1 1/2	62	31
Sanimaster G 250-16D	2	1,3	2,5	20,8	19,8	R1 1/2	62	31
Sanimaster G 250-26D	2	2,5	4,4	33,0	20,9	R1 1/2	89	31

Sanistar and Sanistar PLUS now also available with PCM control.



The HOMA product range

- Submersible drainage pumps
- Construction pumps
- Submersible fire pumps
- Submersible deep well pumps
- Submersible waste water pumps
- Submersible pumps with cutter systems
- Domestic waste water disposal units
- Waste water disposal units
- Pre-assembled pump stations
- Agitators
- Tank cleaning systems
- Propeller pumps
- Garden pumps and automatic domestic water systems
- Pump control and automation



In operation worldwide

HOMA pumps and systems are employed in over 100 countries worldwide – in a myriad of projects, large and small, including the Palm Islands in Dubai. They meet all international safety and production standards and are certified by the relevant state or private bodies for waste water disposal. It is one of our main objectives to maintain and extend this high standard at all times.



Sales and service network

HOMA stays close to its customers through a comprehensive network of professional sales and service agencies. HOMA also makes selecting and designing pump systems as straightforward as possible through HOPSEL, our specially developed software, available free of charge online.

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