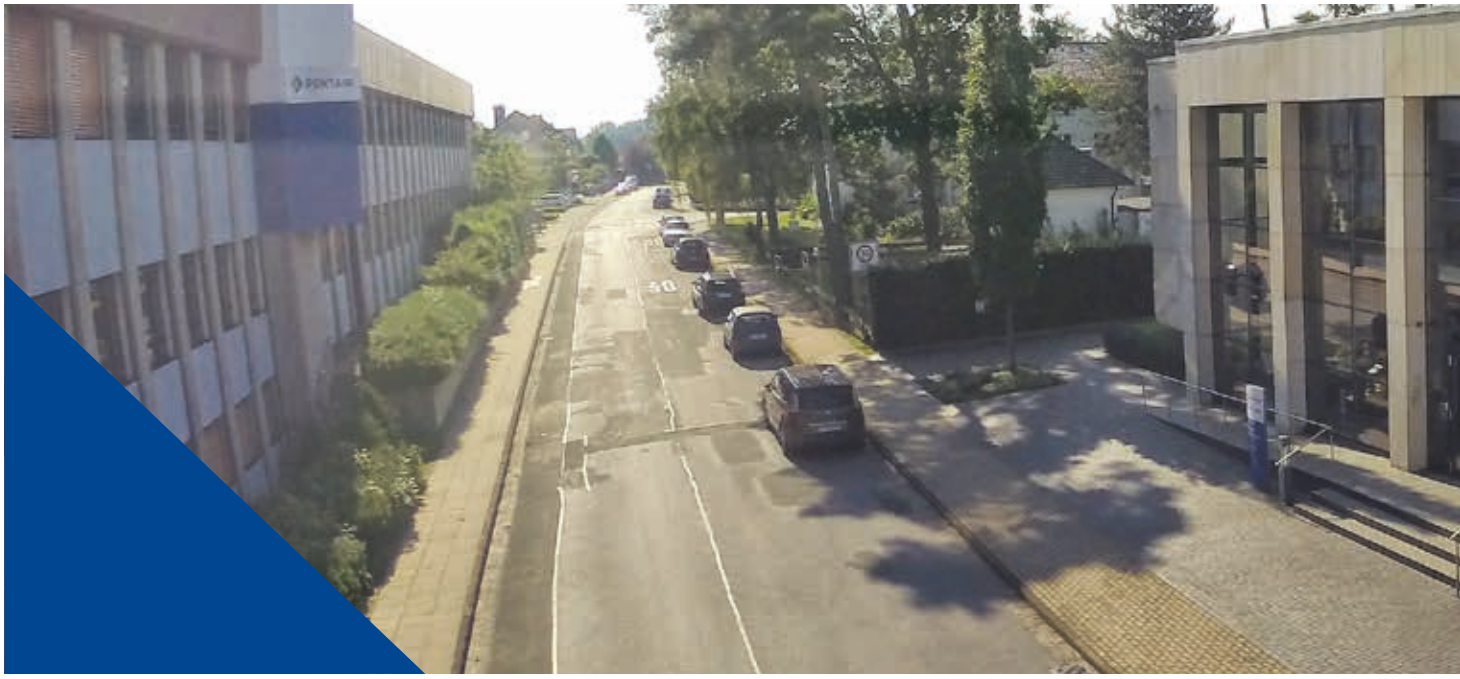
PENTAIR
JUNG PUMPEN

General brochure

RESIDENTIAL WASTEWATER SOLUTIONS

JUNG-PUMPEN.COM



PENTAIR JUNG PUMPEN

Made in Steinhagen

"We are JUNG (young)" ... is our active corporate philosophy, despite the fact that we can look back on a long tradition. A lot has happened since the year 1924, when Heinrich Christian Jung developed, produced and sold the slurry pump locally in Steinhagen. Today Jung Pumpen is part of Pentair, one of the five largest water supply and disposal companies in the world.

Pentair Jung Pumpen is market leader in Germany in many areas of residential and municipal drainage technology. Jung Pumpen products are sold in every continent. A close network of our own distribution companies and partners worldwide ensures that more and more are sold every day.

Due to our very close contact to customers we strive constantly to react quickly and efficiently to the requirements of the market. The traditional pledge that Pentair Jung Pumpen products stand for "reliable waste water technology", and the implementation of this assurance, will remain our primary objective for the coming decades.

The resumption of activities in the sector of fresh water pumps in cooperation with the brand Sta-Rite is also an expedient extension of our range.

You benefit from our services as a brand manufacturer in many different ways:

Quality "made in Germany" due to a high manufacturing depth.

The proximity to the market is guaranteed on a daily basis throughout Germany by our FORUM seminar centre, our competent sales representatives and our after sales Service.

We always have an open ear and offer free consultation and planning through our qualified internal staff. Monday to Thursday from 7.30 a.m. to 4.30 p.m. Friday from 7.30 a.m. to 3.00 p.m.

Pentair Jung Pumpen products are available all over Germany through the sanitary wholesale trade.

Pentair Jung Pumpen provides a waste water platform at www.jungtube.de which contains tips and advice on various waste water issues and products

CONTENTS

6 Drainage pumps U3K/U5K

7 Submersible drainage pumps U6K

8 Submersible sump pumps for aggressive media U3K special

9 Installation sets Easyfix 32

10 Accessory drainage pumps

11 Submersible utility pump SIMER

12 Flood emergency kit "Flutbox"

13 Drainage set

14 Submersible drainage pumps US 62-253

15 Submersible drainage pumps perfomance

16 Installations sets Easyfix 50

17 Hot water pumps US 73 + 103 HE

17 Explosion-proof pumps US 73 + 103 Ex

18 Submersible drainage pumps Multidrain UV3

19 Submersible drainage pumps Multidrain UV 300

20 Submersible drainage pumps Multidrain UV 600

21 Submersible pumps Multidrain UV performance

22 Condensate pump K2 plus

23 Floor drainage pumps Plancofix

24 Above floor tanks Hebefix

25 Underfloor sumps Baufix

26 Sewage lifting stations WCfix

27 Sewage lifting station Compli 300 E

28 Sewage lifting stations Compli 400/500

29 Sewage lifting stations Compli 1000/Compli 1000 HL

30 Sewage lifting stations Compli 1200 HL

31 Sewage lifting stations Compli with MultiCut

32 Sewage pumps with cutting system MultiCut

33 Poly sumps PKS 800/SKS 800/SKS 1000

34 Control units BasicLogo/HighLogo

35 Alarm devices AW3/AWE, FTJP

36 Applicaton of sewage lifting stations

38 Training centre FORUM

U3K / U5K

Drainage pumps

THE CLASSIC PUMPS

The U3K(S) and U5K(S) are submersible pumps for the disposal of domestic wastewater.

When installed as stationary units in a basement chamber or collecting tank, they reliably dispose waste water as well as protect against backpressure. But they can also be used in mobile applications, such as in the garden or to prevent flooding.

Special design features make these pumps extremely versatile. A flushing device which can be activated to keep chambers clean, the integrated low level pumping feature offers great advantages when emptying flooded rooms and the EIP technology provides enhanced operational reliability where there are solid particles in the pumping medium. The variable discharge branch with closable self-ventilation allows great freedom when installing the pump and the swing-type check valve provided for mobile operation prevents unintentional emptying of the hose.

All components which come into contact with the pumping medium are made of stainless steel or plastic.

The U5K(S) has more power and a larger free passage. This means that solid particles up to a particle size of 20 mm can be conveyed without any problem.

The combination with the **special float assembly** for narrow chambers allows both pump types to be used in installation situations with limited space (sump diameter Ø 30 cm).

For stationary use, the **GR 32 guide rail system** is particularly recommended for quick and easy maintenance, or the Easyfix installation sets as a plug-and-play solution.

The pumps areTÜV and VDE certified.

Continuous operation

Low level pumping

Variable discharge branch with closable ventilation

Flushing device activatable and deactivatable

Moisture sealed cable inlet

Type	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
U3K(S)	7 m	6.5 m^3/h	10 mm	1/N/PE~230 V	0.32 kW	0.20 kW	1.4 A	integrated	safety-
U5K(S)	8 m	11.5 m^3/h	10/20 mm	1/N/PE~230 V	0.52 kW	0.38 kW	2.3 A	integrated	safety-

U6K

Submersible drainage pumps

ONE PUMP FOR EVERYTHING

The submersible drainage pump U6K has the same useful features as the U3K and the U5K, but offers more besides. Thanks to the silicon carbide mechanical seal it is suitable not only for conveying waste water but also for drainage and seepage water in sumps and for silage liquor and liquid fertilizer. The U6K can be used for both stationary and portable operation.

Operational safety and a long service life are prime features of this pump, too. An oil chamber ensures protection against running dry. The U6K also includes an integrated motor contact switch which turns the pump off if it overheats. The connection cable can be easily replaced.

The pump with the float switch starts the pumping process as soon as a certain water level is reached.

Due to a variable free passage solid particles up to a particle size of 20 mm can be easily conveyed.

The pump can be supplied in a three-phase current version or an alternating current version. If required for safety reasons, a d**uplex pump installation** with a control unit can be used.

Through the use of a **duplex swing-type check valve** the pump installation can be carried out quickly, easily and compactly.

For stationary use, the **GR 32 guide rail system** is particularly recommended for quick and easy maintenance, or the Easyfix installation sets as a plug-and-play solution.

The pumps are TÜV certified.

Replaceable moisture sealed cable inlet

SiC mechanical seal

Variable discharge branch with closable ventilation

Flushing device

Type	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
U6K E/ES	9.5 m	15.5 m^3/h	10 / 20 mm	1/N/PE~230 V	0.75 kW	0.49 kW	3.3 A	integriert	safety-
U6K D/DS	9.5 m	15.5 m^3/h	10 / 20 mm	3/PE~400 V	0.75 kW	0.55 kW	1.3 A	integriert	CEE-

U3K SPEZIAL

Submersible sump pumps

FOR SPECIAL MEDIA

The U3K(S) Spezial is a material-optimized special pump model. It pumps aggressive media - either stationary or portable - especially in industrial and commercial areas. Without any problem it handles seawater from hulls and watery dissolutions up to 15% salinity from e. g. water softening plants or condensate from gas condensing boilers.

Special design features make these pumps extremely versatile. A flushing device which can be activated to keep chambers clean, the integrated low level pumping feature offers great advantages when emptying flooded rooms and the EIP technology provides enhanced operational reliability where there are solid particles in the pumping medium. The variable discharge branch allows great freedom when installing the pump and the swing-type check valve provided for mobile operation prevents unintentional emptying of the hose.

All components which come into contact with the pumping medium are made of stainless steel or plastic.

The combination with the **special float assembly for narrow chambers** allows both pump types to be used in installation situations with limited space (sump diameter Ø 30 cm).

For stationary use, the **GR 32 guide rail system** is particularly recommended for q**uick and easy maintenance, or the Easyfix installation sets** as a plug-and-play solution.

The pumps are TÜV and VDE certified.

For saline solutions up to 15% salinity

Low level pumping

Flushing device activatable and deactivatable

Variable discharge branch with closable ventilation

SiC mechanical seal

Moisture sealed cable inlet

Type	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
U3K(S) special	7 m	6.5 m^3/h	10 mm	1/N/PE~230 V	0.32 kW	0.20 kW	1.4 A	integrated	safety-

EASYFIX 32

Installation sets for drainage pumps

PLUG-AND-PLAY-SOLUTION

With minimal effort, cellar drainage or drainage pumps can be installed with the new **Easyfix 32 Single and Easyfix 32 Duo** installation sets as a single or duplex system with a guide rail system in a shaft.

The sets are ready to plug in and all necessary components are pre-assembled on a base plate. The Easyfix only needs to be placed in the chamber and connected to the pressure line. This saves time, space and money!

The Easyfix 32 Duo includes a control unit for operating two sewage pumps. The control unit regulates the alternating operation of the two pumps and also ensures alarm messages and peak load operation. The pumps are operated by the attached float switches. Therefore, no external level controls such as submersible float switches are required.

The Easyfix sets can be used for the following pumps:
- U3 KS
- U3 KS spezial
- U5 KS
- U6 ES

The pumps are not included in the scope of supply.

Use of the special float switch (pump accessory) for low switching points is also possible.

All components included

Easyfix 32 Duo incl. control unit

Ready to plug in

Saves time during installation

Compact design allows use in small chambers:
300x400 mm for single units
500x500 mm for duplex units

ACCESSORIES - well installed

The right accessories, professionally installed, offer a high level of safety and comfort for fixed installations.

Guide rail system GR 32

| For quick and convenient maintenance without removing the screw connections.

| Disconnect the pump and remove it from the shaft for visual inspection.

Swing-type check valve R32

| Highest reliability according to EN regulations.

| Prevents the pressure pipe from running empty by itself during regular operation. During repair and maintenance work, no water can run back from the pressure pipe into the shaft.

Alarm units

| Detect an impermissibly high water level at an early stage via the float switch and starts the alarm.

| Using the alarm transmitter with washing machine stop e.g. the washing machine is automatically switched off.

Connection kit DN 32

| For connecting drainage pumps in basements to any existing pressure line.

| The telescopic pressure pipe can be extended up to 90 cm and offers a stepless transition between the pump and the existing pressure pipe. Existing pressure lines are replaced quickly and easily.

| Suitable for U3, U5 and U6.

SIMER 6

Submersible Utility Pump

PUMPS EVERY LAST DROP

These robust submersible pumps are ideal for draining cellars, flat roofs, construction pits or swimming pools. Simer 6 pumps can also be used to extract water produced during core drilling and concrete cutting work. A removable strainer with a mesh size of 2 mm reliably protects the hydraulics from solids. The stepped hose connection allows different hose diameters to be connected to the pump (½' - ¾' - 2").

The Simer 6S offers particular convenience. The attached level control switches the pump on and off automatically.

The integrated vent valve enables reliable pump start-up even at low water levels.

Innovative level control (6S)

Easy cleaning due to removable strainer foot

Replaceable cable inlet

SiC mechanical seal

Motor jacket cooling enables submerged operation

Flat suction down to 2 mm

Residual water level

Self-venting from a water level of just 5 mm

Simer 6S version – with level control for automatic switching on and off

Simple change between manual and automatic operation by switch

Easy loosening of the strainer foot

Typ	H max	Q max	Free Passage	Voltage	P1	Current	Motor Protection	Plug
Simer 6	6,5 m	6 m^3/h	2 mm	1/N/PE~230 V	0,24 kW	1,0 A	Integrated	Safety
Simer 6S	6,5 m	6 m^3/h	2 mm	1/N/PE~230 V	0,24 kW	1,0 A	Integrated	Safety

FLUTBOX

SAVE WHATEVER YOU CAN!

The next flooding is coming, or rather, it is already there. This is where the Flutbox flood emergency kit is used, providing for a stress-free drainage of your basement quickly and easily. Just put the carrying cage with the pump on the basement floor and pump the water out quickly and reliably via the fire hose.

Taken out of the carrying cage, the U5KS drainage pump can also be used as a stationary or portable tool around the home and garden.

Quick and easy attachment by a C-coupling

With high-performance U5KS

Wallmounting for storage the "Floodbox"

SCOPE OF SUPPLY

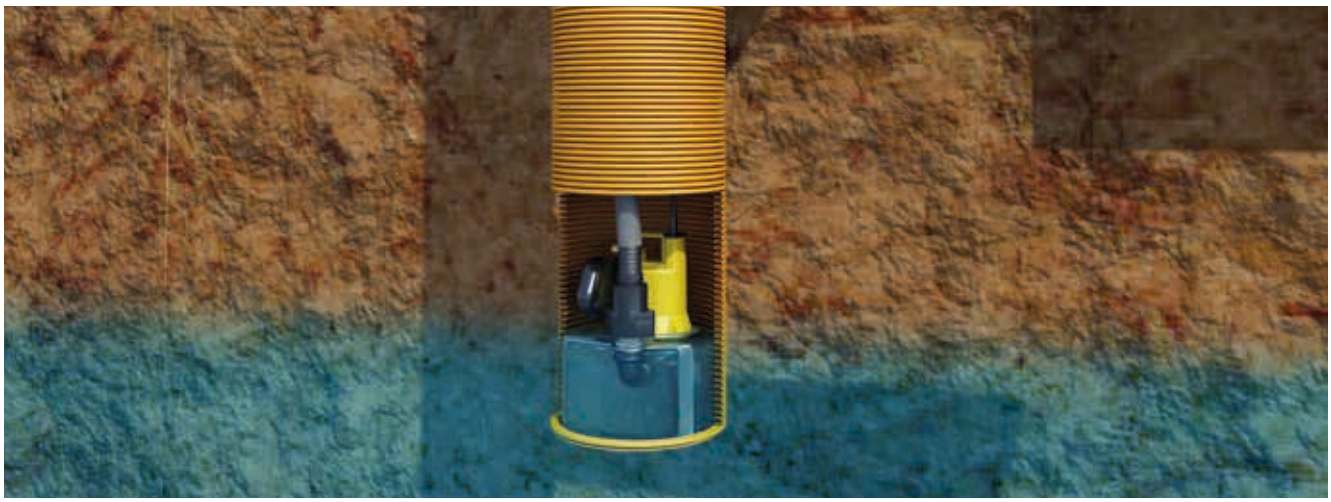
Powerfull drainage pump U5KS

Fire hose with C-coupling 12,5 m

Carrying cage with integrated pump fixation for stabilizing the pump

Float switch fixation for pumping down to a minimum of residential water

Type	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
U5K(S)	8 m	11.5 m^3/h	10/20 mm	1/N/PE~230 V	0.52 kW	0.38 kW	2.3 A	integrated	safety-



DRAINAGE SET

ALL INCLUSIVE!

The drainage set reliably protects your building from damp. The drainage set from Jung Pumpen is supplied ready to plug in with a U 6 Drain ES drainage pump. Installation and operation is child's play thanks to the practical components supplied with the set.

The powerful pump can also pump abrasive media. The slim design fits in all common drainage sumps with a sand trap from 280 mm internal diameter. The mounting bracket stabilises the pump even in large sumps and ensures safe operation.

Ready to connect

Powerful drainage pump

Large scope of supply

SiC mechanical seal

SCOPE OF SUPPLY

Drainage pump U6 Drain ES

Special float

Swing-type check valve

Hose nozzle with clamp

Mounting bracket

5 m lifting rope

20 m cable

Manual/automatic control switch

Type	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
U6 Drain ES	9.5 m	15.5 m^3/h	10 mm	1/N/PE~230 V	0.75 kW	0.49 kW	3.3 A	integrated	safety-

US 62-253

Submersibe drainage pumps

PERFORMANCE MADE EASY

The submersible drainage pumps of the US range provide a reliable solution for all types of faecal-free waste water. These pumps use high-performance motors, hydraulics which are specially adapted to the pumping medium and high-quality materials. The US 62 to 152 pumps have a stainless steel housing which means that they can also be easily carried in portable use. The motor housing for the US 151 and 251 is made of the customary grey cast iron.

Due to its free passage of 10 mm particle size it is possible, for example, to convey waste water from dishwashers or washing machines.

The submersible drainage pumps of the US 73 to US 253 range are used when a larger free passage of up to 30 or 40 mm particle size is required. The range is rounded off with the US 75 to US 155 range with a free passage of 50 mm particle size.

Standard features of the dry running safe pumps are a controllable oil chamber, a wear resistant silicon carbide mechanical seal and a permanently lubricated roller bearing to ensure a long service life.

Naturally the pumps can also be easily taken out of the sump with the **guide rail system GR 40 or GR 50** for servicing or for a visual inspection.

The pumps areTÜV and VDE certified.

Free passage up to 50 mm

Controllable oil chamber

SiC mechanical seal independent of rotation direction

Replaceable moisture sealed cable inlet

Type	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
10 mm free passage									
US 62 E/ES	9.5 m	19 m^3/h	10 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US 62 D/DS	10.5 m	22 m^3/h	10 mm	3/PE~400 V	0.85 kW	0.60 kW	1.4 A	integrated	CEE-
US 102 E/ES	12.5 m	28 m^3/h	10 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	integrated	safety-
US 102 D/DS	12.5 m	28 m^3/h	10 mm	3/PE~400 V	1.36 kW	1.06 kW	2.4 A	integrated	CEE-
US 152 E	14.0 m	30 m^3/h	10 mm	1/N/PE~230 V	1.60 kW	1.21 kW	7.5 A	on site	–
US 152 ES	14.0 m	30 m^3/h	10 mm	1/N/PE~230 V	1.60 kW	1.21 kW	7.5 A	integrated	safety-
US 152 D	15.0 m	32 m^3/h	10 mm	3/PE~400 V	1.70 kW	1.41 kW	3.1 A	on site	–
US 152 DS	15.0 m	32 m^3/h	10 mm	3/PE~400 V	1.70 kW	1.41 kW	3.1 A	integrated	CEE-
US 151 E	14.0 m	40 m^3/h	10 mm	1/N/PE~230 V	1.68 kW	1.19 kW	7.6 A	on site	–
US 151 ES	14.0 m	40 m^3/h	10 mm	1/N/PE~230 V	1.68 kW	1.19 kW	7.6 A	integrated	safety-
US 151 D	14.0 m	40 m^3/h	10 mm	3/N/PE~400 V	1.60 kW	1.30 kW	3.0 A	on site	–
US 151 DS	14.0 m	40 m^3/h	10 mm	3/N/PE~400 V	1.60 kW	1.30 kW	3.0 A	integrated	CEE-
US 251 D	16.5 m	54 m^3/h	10 mm	3/N/PE~400 V	2.60 kW	2.10 kW	4.4 A	on site	–
US 251 DS	16.5 m	54 m^3/h	10 mm	3/N/PE~400 V	2.60 kW	2.10 kW	4.4 A	integrated	CEE-

30 / 40 mm free passage									
US 73 E/ES	9.5 m	19 m^3/h	30 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US 73 D/DS	10.5 m	22 m^3/h	30 mm	3/PE~400 V	0.85 kW	0.60 kW	1.4 A	integrated	CEE-
US 103 E/ES	12.5 m	28 m^3/h	30 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	integrated	safety-
US 103 D/DS	12.5 m	28 m^3/h	30 mm	3/PE~400 V	1.36 kW	1.06 kW	2.4 A	integrated	CEE-
US 153 E	14.0 m	30 m^3/h	30 mm	1/N/PE~230 V	1.60 kW	1.21 kW	7.5 A	on site	–
US 153 ES	14.0 m	30 m^3/h	30 mm	1/N/PE~230 V	1.60 kW	1.21 kW	7.5 A	integrated	safety-
US 153 D	15.0 m	31 m^3/h	30 mm	3/PE~400 V	1.70 kW	1.41 kW	3.1 A	on site	–
US 153 DS	15.0 m	31 m^3/h	30 mm	3/PE~400 V	1.70 kW	1.41 kW	3.1 A	integrated	CEE-
US 253 D	16.0 m	40 m^3/h	40 mm	3/N/PE~400 V	2.60 kW	2.10 kW	4.4 A	on site	–
US 253 DS	16.0 m	40 m^3/h	40 mm	3/N/PE~400 V	2.60 kW	2.10 kW	4.4 A	integrated	CEE-

50 mm free passage									
US 75 E/ES	7.5 m	20 m^3/h	50 mm	1/N/PE~230	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US 75 D/DS	8.5 m	23 m^3/h	50 mm	3/PE~400	0.85 kW	0.60 kW	1.4 A	integrated	CEE-
US 105 E/ES	11.5 m	28 m^3/h	50 mm	1/N/PE~230	1.37 kW	0.98 kW	6.0 A	integrated	safety-
US 105 D/DS	11.5 m	29 m^3/h	50 mm	3/PE~400	1.36 kW	1.06 kW	2.4 A	integrated	CEE-
US 155 E	12.0 m	29 m^3/h	50 mm	1/N/PE~230	1.60 kW	1.21 kW	7.5 A	on site	–
US 155 ES	12.0 m	29 m^3/h	50 mm	1/N/PE~230	1.60 kW	1.21 kW	7.5 A	integrated	safety-
US 155 D	13.0 m	31 m^3/h	50 mm	3/PE~400	1.70 kW	1.41 kW	3.1 A	on site	–
US 155 DS	13.0 m	31 m^3/h	50 mm	3/PE~400	1.70 kW	1.41 kW	3.1 A	integrated	CEE-

EASYFIX 50

Installation sets for submersible drainage pumps

PLUG-AND-PLAY-SOLUTION

With the **Easyfix 50 Single** and **Easyfix 50 Duo** installation sets, submersible drainage pumps can be installed as single or duplex units in pump sumps inside or outside buildings with minimal time and installation effort.

The sets are ready to use in and all necessary components are already pre-assembled on a base plate up to the connection to the pressure pipe.

The **Easyfix 50 Duo** includes the **control unit EasyLogo** for operating two pumps. The control unit regulates the alternating operation of the two pumps and also provides alarm and peak load operation. The pumps are being operated by their started float switch, so no external level control such as submersible ball float switches are required.

The pumps are not included in the scope of supply.

The special float switch for low switching points and the AG3 or AG10 alarm unit can be used with the Easyfix 50 Single (pump accessory).

All components pre-assembled

Easyfix 50 Duo incl. control unit

Ready to plug in

Saves time during installation

Compact design allows installation in small chambers:
600x300 mm for single units
600x600 mm for duplex units

Type	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
US 75 ES	7.5 m	20 m^3/h	30 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US 105 ES	11.5 m	28 m^3/h	30 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	integrated	safety-
US 62 ES	9.5 m	19 m^3/h	10 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US 102 ES	12.5 m	28 m^3/h	10 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	integrated	safety-
US 73 ES	9.5 m	19 m^3/h	30 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US 103 ES	12.5 m	28 m^3/h	30 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	integrated	safety-
Priox F-400	8.5 m	21 m^3/h	50 mm	1/N/PE~230 V	1.0 kW	0.66 kW	4.4 A	integrated	safety-
Priox F-550	11.0 m	28 m^3/h	50 mm	1/N/PE~230 V	1.5 kW	1.00 kW	7.0 A	integrated	safety-

When using the Easyfix 50 Single, it is also possible to install these pumps in three-phases (3/PE~400 V)

US HE AND US EX

Hot water and ex pumps

SPECIALISTS AT WORK

Hot water pumps

With the waste water pumps from our US 73HE and 103HE range you will find the right connection when it comes to hot water.These pumps are for use in laundries or automatic launderettes, in industrial dishwashers and washing machines or for the emergency overflow of heating systems for conveying hot water of up to 176 °F 80 °C). The pumps can be used in combination with our Hebefix 100 H above floor sump.

Explosion protected pumps

The ex pumps from our US range meet all your requirements if you need to pump highly polluted drainage water (containing particles up to 30 mm) from collection chambers, pits and other hazardous areas.

These include, for example, areas where the drainage system is fed via the pressure pipe from car parks, car washes and underground car parks. To show the type of use the pumps are given the designation **Ex II 2 G Ex db IIB T4 Gb.**

Explosion protected pumps and hot water pumps must not be used for raising sewage from lavatories and urinals.

This range of pumps is suitable for stationary and portable use. For easy removal of the pumps from deep sumps we recommend the use of our guide rail system GR 40 which provides ease of maintenance and inspection.

The pumps are TÜV certified.

Can be used up to 176 °F (80 °C)

With explosion protection (Ex-pumps)

Controllable oil chamber

30 mm free passage

Type	H max	Q max	Free passage	Voltage	P1	P2	Current	Motor protection	Plug
US 73 HE/HES	9.5 m	19 m³/h	30 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	integrated	safety-
US 103 HE/HES	12.5 m	28 m³/h	30 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	integrated	safety-
US 73 E Ex	10.0 m	19 m³/h	30 mm	1/N/PE~230 V	0.83 kW	0.50 kW	3.9 A	in control unit + winding thermostats	without
US 73 D Ex	10.5 m	21 m³/h	30 mm	3/PE~400 V	0.85 kW	0.60 kW	1.4 A		
US 103 E Ex	12.5 m	28 m³/h	30 mm	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A		
US 103 DEx	12.5 m	28 m³/h	30 mm	3/PE~400 V	1.36 kW	1.06 kW	2.4 A		

MULTIDRAIN UV 3

Submersibe drainage pumps

SHINNING IN THE BEST LIGHT

The stainless steel **Multidrain UV3** submersible drainage pumps are versatile and pump clear water, grey water, rainwater and surface water.

Portable used, they reliably empty containers, ponds or swimming pools or, in emergencies, they drain flooded cellars. A hose connection and a swing-type check valve (for mobile use only) are already included in the scope of delivery.

Installed stationary in shafts or collecting tanks, they transport water from laundry rooms, storage rooms or drain shafts. At the same time they also serve to prevent backwater.

The **Multidrain UV3 SF** submersible drainage pump with close-fitting float is ideal for shafts with a diameter of 22 cm or more.

High-quality stainless steel design

Discharge branch vertical 1 1/4"

Ideal for narrow tanks

Innovative flushing device

Self-ventilation

Emerged operation possible due to cooling jacket (S1)

Moisture sealed cable inlet

Fluid temperature 35 °C, temporarily 70 °C (10 min.)

Type	H max	Q max	Free passage	Voltage	P1	P2	Current	Plug
Multidrain UV3	7.0 m	7.0 m^3/h	10 mm	1/PE~230 V	0.34 kW	0.23 kW	1.5 A	Schuko
Multidrain UV3 S	7.0 m	7.0 m^3/h	10 mm	1/PE~230 V	0.34 kW	0.23 kW	1.5 A	Schuko
Multidrain UV3 SF	7.0 m	7.0 m^3/h	10 mm	1/PE~230 V	0.34 kW	0.23 kW	1.5 A	Schuko

MULTIDRAIN UV 300

Submersibe drainage pumps

FLEXIBLE CONNECTED

The Multidrain UV 300 wastewater pumps were specifically developed for applications where high delivery heads are required.

With a free passage of 10 mm, dirty water, rainwater, groundwater or drainage water can be reliably disposed from considerable depths.The Multidrain pumps are used e. g. in shopping centers, skyscrapers, underground stations, or in case of floodings.

The Multidrain UV 300 can be used in narrow shafts from approx. 400 mm diameter due to its vertical discharge branch 1 1/2" and in combination with a float switch.

Used in mobile applications, the pumps are suitable for removing flooding in buildings. Together with the pressure hose with Storz C-coupling (accessory), the Multidrain UV 300 forms a perfect team.

High-quality stainless steel design

Double thermo protection

Discharge branch 1 1/2" vertical

Emerged operation (S1)

Motor cooling

10 mm free passage

Moisture sealed cable inlet

Exchangeable cable (10 m)

MULTIDRAIN UV UV 600

Submersible drainage pumps

HIGH PERFORMER FOR DEEP BASEMENTS

The new Multidrain drainage pumps have been developed especially for applications where large delivery heads are required.

All kind of water containing solids up to 10 mm can be reliably disposed from large depths. The Multidrain pumps are used e. g. in shopping centers, skyscrapers or underground stations.

The pressure pipe can be connected either horizontally or to the vertical discharge.

The horizontal installation is generally suitable for fixed installations, for example, in connection with the guide rail system GR 50.

For mobile applications or in narrow sumps the vertical installation is preferred.

High delivery head

Discharge branch:
UV 600 (2") horizontal/vertical

Automatic self-venting

Emerged operation (S1)

Motor cooling

10 mm free passage

Moisture sealed cable inlet

Exchangeable cable (10 m)

Type Multidrain UV 300	H max	Q max	Free passage	Voltage	P1	P2	Current	Pluf
Multidrain UV 305-1	8.5 m	21.0 m^3/h	10 mm	1/PE~230 V	1.15 kW	0.88 kW	5.8 A	Safety-
Multidrain UV 305-3	9.0 m	22.0 m^3/h	10 mm	3/PE~400 V	1.15 kW	0.84 kW	2.5 A	–
Multidrain UV 305-1 S	8.5 m	21.0 m^3/h	10 mm	1/PE~230 V	1.15 kW	0.88 kW	5.8 A	Safety
Multidrain UV 305-3 S	9.0 m	22.0 m^3/h	10 mm	3/PE~400 V	1.15 kW	0.84 kW	2.8 A	CEE
Multidrain UV 310-1	10.0 m	24.5 m^3/h	10 mm	1/PE~230 V	1.30 kW	1.05 kW	5.7 A	Safety
Multidrain UV 310-3	10.0 m	24.5 m^3/h	10 mm	3/PE~400 V	1.35 kW	1.08 kW	3.0 A	–
Multidrain UV 310-1 S	10.0 m	24.5 m^3/h	10 mm	1/PE~230 V	1.30 kW	1.05 kW	5.7 A	Safety
Multidrain UV 310-3 S	10.0 m	24.5 m^3/h	10 mm	3/PE~400 V	1.35 kW	1.08 kW	3.0 A	CEE
Multidrain UV 315-1	13.5 m	28.0 m^3/h	10 mm	1/PE~230 V	1.83 kW	1.36 kW	8.2 A	Safety
Multidrain UV 315-3	13.5 m	29.0 m^3/h	10 mm	3/PE~400 V	1.85 kW	1.45 kW	3.6 A	–
Multidrain UV 315-1 S	13.5 m	28.0 m^3/h	10 mm	1/PE~230 V	1.83 kW	1.36 kW	8.2 A	Safety
Multidrain UV 315-3 S	13.5 m	29.0 m^3/h	10 mm	3/PE~400 V	1.85 kW	1.45 kW	3.6 A	CEE
Type Multidrain UV 600								
Multidrain UV 620-1	18.5 m	36 m^3/h	10 mm	1/PE~230 V	2.40 kW	1.65 kW	10.4 A	–
Multidrain UV 620-1 S	18.5 m	36 m^3/h	10 mm	1/PE~230 V	2.40 kW	1.65 kW	10.4 A	Safety
Multidrain UV 620-3	18.5 m	37 m^3/h	10 mm	3/PE~400 V	2.38 kW	1.95 kW	4.6 A	–
Multidrain UV 620-3 S	18.5 m	37 m^3/h	10 mm	3/PE~400 V	2.38 kW	1.95 kW	4.6 A	–
Multidrain UV 625-3	20.5 m	38 m^3/h	10 mm	3/PE~400 V	2.88 kW	2.25 kW	5.2 A	–
Multidrain UV 625-3 S	20.5 m	38 m^3/h	10 mm	3/PE~400 V	2.88 kW	2.25 kW	5.2 A	–
Multidrain UV 635-3	25.5 m	39 m^3/h	10 mm	3/PE~400 V	3.70 kW	3.05 kW	6.2 A	–
Multidrain UV 635-3 S	25.5 m	39 m^3/h	10 mm	3/PE~400 V	3.70 kW	3.05 kW	6.2 A	–

S with built-in level control

K2 PLUS

Condensate pump

FOR HIGHT STANDARDS

The benefits offered by the K2 Plus condensate pump are a definite plus that make this pump a versatile helper. This pump works dependably to remove acidic condensate with a pH of ≥ 2.7 from

- gas and oil condensing boilers
- air conditioning systems
- air dehumidifiers
- cooling units.

The K2 Plus satisfies the highest requirements. It is distinguished not only by its modern design but above all by its consistently quiet operation, its compact tank dimensions and its reliability. The pump is ready to connect and operates fully automatically.

A float switch monitors the level inside the tank, while the electronic unit oversees the pump's operating time. The user is therefore alerted early to potential problems. The K2 Plus has a runtime monitoring with acoustic alarm and a potentail-free contact.

The indicator light displays whether the system is operating or whether there is a fault. The good working order of the system can be checked at any time with the test run button.

A sand trap keeps solids out of the hydraulic system. The two-part design of the motor and collecting chamber and the rotary knobs at the side make for easy cleaning without tools.

The K2 Plus is resistant to acid condensate with a pH-value of ≥ 2.7. The maximum inlet temperature of the pumped media is 104°F (40 °C).

Equipment: ready to plug in with 2 m mains cable, and safety plug, 6 m PVC pressure tube with DN 50 connector.

The K2 Plus is suitable for wall or floor mounting.

In the case of larger volumes of condensate or additional waste water, we recommend using the Hebefix Pro for a floor-mounted installation.

Especially quiet

Test run button

Visual operating/error display

New developed float switch

Runtime monitoring with acustic alarm and a und potential-free contact

Wall or floor-mounted model

Type	H max	Q max	Voltage	P1	Current	Motor Protection	Plug
K2 Plus	4.5 m	520 [l/h]	1/N/PE~230 V	65 W	0.58 A	Thermostat/Alarm device	safety-

PLANCOFIX | PLANCOFIX PLUS | PLANCOFIX LINE

Floor drainage pumps

ACCESSIBILITY FOR YOUR BATHROOM

The innovative **Plancofix** now makes it possible to install tiled walk-in showers even in bathroom renovation projects.

The compact, yet powerful, Plancofix pump drains away shower wastewater no matter where the shower is tucked away in the building. The surface of the pump housing can be fully tiled over and unobtrusively concealed in the shower floor. Alternatively, a stainless steel drain cover can be used.

When the shower is in use, the underfloor tank in the Plancofix fills up, and a float switch sets the virtually silent pump in operation.

To remove any of the usual hairs, fluff, or sand that can become deposited on the pump housing, the hydraulic system is simply lifted out of the pump and rinsed with clear water.

The **Plancofix Plus** was developed especially for situations where a low delivery head has to be overcome - like it is in most top floors for example. A smaller motor in the Plancofix plus makes it possible that a lower installation depth of 9 cm incl. insulation tray can be achieved.

The new **Plancofix Line** with integrated linear shower drain offers special comfort. The tiles only have to be laid in one direction with the usual gradient - directly to the shower channel - and thus creates a beautiful tile pattern.

The linear shower drain has a width of 1.20 m and can be individually adapted. Otherwise, the Plancofix Line offers the technical advantages of the Plancofix plus.

Installation depth 10.5 cm
Installation depth 9 cm (Plancofix Plus/Plancofix Line)

Inlet from above through the floor drain (Plancofix/Plancofix Line) or as gutter

Seal collar for attaching to the customer's thin-bed waterproofing system

Easy cleaning and maintenance

Drain can be tiled or in stainless steel

Quiet: < 30 dB(A) Plancofix Plus/ Plancofix Line

VDE approval

HEBEFIX

Above floor tanks

PERFORMANCE WELL PACKAGED

Do you wish to subsequently install items which require drainage but there is no drain pipe available? No problem for the series of Hebefix! All tanks have swing-type check valves, glossy surfaces, protection against overflow and installation material.

The Hebefix Mini is the smallest of the Hebefix series and can be installed inconspicuously next to a shower, a bidet or under a washbasin. Condensation water from e.g. refrigerated counters can also be disposed of with this lifting station.

The Hebefix is quick to install and, together with the U3KS, U3KS spezial or U5KS pump, is a cost-effective solution. Whether hand basins in the hobby room or the washing machine in the cellar, the Hebefix shows its advantages everywhere. The Hebefix also offers the solution for drains close to the floor, such as in showers: the special float for particularly low switching heights.

Thanks to its shallow container depth, the **Hebefix Pro** fits into all standard pre-wall systems. However, it can also be installed directly under a washbasin. Water from showers, hand basins, bathtubs or washing machines can be disposed of without any problems.

Aggressive media with a salt content of up to 15% as well as waste water from water softeners, gas condensing boilers or pellet heating systems can also be pumped with the Hebefix Pro thanks to its powerful pump (U3-Special). An alarm circuit for level-dependent alarms ensures safety.

If sewage requires to be disposed of in addition, these units can be combined with the WCfix plus.

The Hebefix 100 enables greater volumes of waste water to be disposed of. By the targeted use of various pumps, it is possible to connect additional units requiring drainage, such as several washing machines or a bank of showers. The four combination inlets allow an extremely flexible use of the plastic sump with a collection volume of 75 litres. The pump comes complete with all components required for assembling the pump. For waste water temperatures of 104 - 176°F (40 - 80°C) we recommend using Hebefix 100 H.

The Hebefix 200 (240 l) has now a larger storage capacity and is available as a single or a duplex unit.

All constructions are TÜV certified.

Modern bathroom design

Quiet operation

Low level additional inlets

Easy to maintain

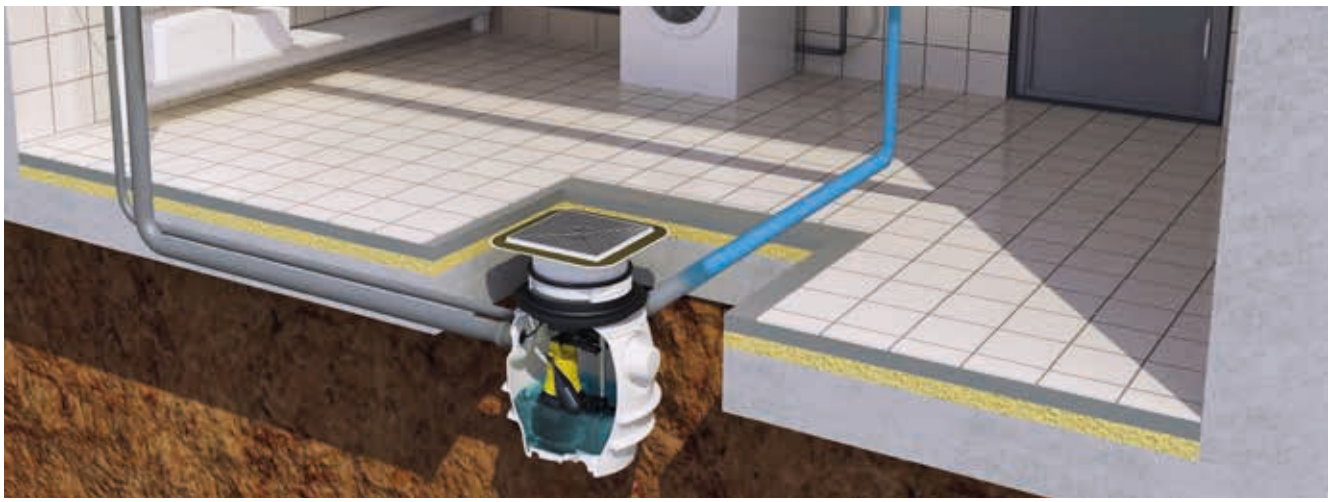
Alarm circuit for level-dependent alarm (Hebefix Pro)

Pumps usable with Hebefix:
U3KS, U3KS spezial or U5KS

Pumps usable with Hebefix 100:
U3KS to U6KS | US62 to US 103

Pumps usable with Hebefix 100 H:
US 73 HES | US 103 HES

Pumps usable with Hebefix 200:
U3KS to U6KS | US 62 to US 103
US 73 + 103 Ex | US 75 to 105



BAUFIX

Underfloor sumps

ADAPTS TO THE SURROUNDINGS

The Baufix collecting tank for underfloor installation is used for the disposal of domestic waste water from washstands, sinks, showers and washing machines in basement or laundry rooms. The pressure resistant sumps are easily fitted in existing pits, connected up and concreted in. All sumps are fitted with a continually adjustable rotatable and height-adjustable cover which can be adapted to the level of floor coverings laid later. An odour trap in the floor drain eliminates unpleasant odours. A certified and integrated swing-type check valve in the chamber prevents a reflux of waste water from the pressure pipe into the tank.

Baufix 50 is distinguished by its particularly compact dimensions and is fully compatible with the U3KS and U3KS spezial. The integrally formed chamber extension can be adapted on site to individual installation depths (45-71 cm).

Baufix 100 has a larger volume and can be combined with various pumps to meet the performance requirements. In combination with U3, U5 or U6 the installation of a guide rail system GR 32 for Baufix 100 is possible.

Baufix 200 with its storage volume of 240 litres can be used as an under-floor sump to dispose of greater volumes of waste water. When used as a double pumping station the pumps are switched on either alternately or together in normal operation to accommodate peak loads. The installation with a guide rail system (GR 32 or GR 50) is possible.

If one pump fails, then the continued operation of the pumping station is therefore assured.

The Baufix 100 and the Baufix 200 can be used in groundwater areas owing to the construction of the tank and a groundwater seal (accessories). All necessary special components form part of the scope of supply.

Infinite height adjustment

Variable installation depth

Floor drain with odour trap

Can be used in groundwater (Baufix 100 | Baufix 200).

Pumps usable with Baufix 50:
U3KS, U3KS spezial

Pumps usable with Baufix 100:
U3KS to U6KS (geeignet für GR 32)
US 62 to US103 ES/DS
US 73 Ex to US 103 Ex

Pumps usable with Baufix 200:
U3K to U6K | US 62 to US 103
US 73 Ex to US 103 Ex
US 75 to 155
on GR 32 or GR 50)

WCFIX

Sewage lifting stations

THE "LITTLE HELPERS"

The WCfix is an easily installed appliance for waste disposal from a toilet above and below the local backup level. In addition, a shower, a washbasin and a bidet can be connected in the same room. It is only permitted for domestic use, however, where the number of users is small (single dwelling).

The WCfix Plus is an absolute all-rounder. Not only its attractive product design is impressive, it also features flexible connection options. It can be fitted invisibly into a standard pre-wall system or connected directly to a floor-standing toilet with a minimum flush volume of 6 litres.

Both the **WCfix 260 and the WCfix Plus** are particularly quiet as they do not have a cutting unit. Pumping is conducted via a flow-optimised open centrifugal impeller. This type of construction dispenses with the need for cleaning at regular intervals. Maintenance work is considerably reduced.

The standard equipment with a venting system to prevent damage to the building due to damp, a runtime monitoring including a potential-free contact and convenient maintenance options make it easy to opt for WCfix.

It is not necessary to have access to the collection chamber in the event of faults due to improper use, as the motor/pump unit can be easily removed as a compact assembly.

The appliances are TÜV and VDE certified.

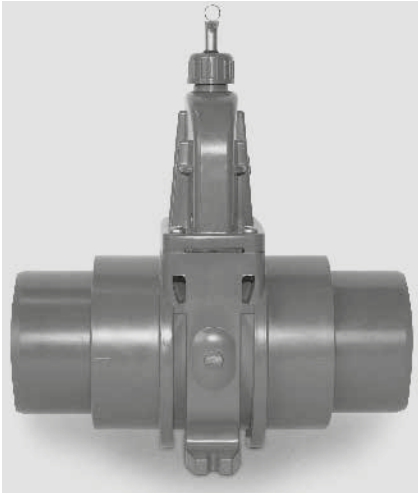
Low-level inlets

Easy to maintain

Vortex impeller

Runtime monitoring with acoustic alarm and potential-free contact (WCfix Plus)

Type	H max	Q max	Voltage	P1	P2	Current	Motor protection	Cable	Plug
WCfix 260	4 m	133 l/min	1/N/PE~230 V	0.40 kW	0.25 kW	1.75 A	in the winding	1.5 m	safety-
WCfix Plus	6 m	208 l/min	1/N/PE~230 V	0.72 kW	0.46 kW	3.2 A	in the winding	1.5 m	safety-



COMPLI 300 E

Sewage lifting station

THE SMALL, COMPACT UNIT

The Compli 300 E is the smallest of our compli range of sewage lifting stations. It has been specifically designed for the disposal of sewage from single dwellings such as basement flats. It is very versatile due to its extremely compact tank dimensions and the numerous connection options.

The Compli 300 E is easy to install due to its light weight and its plug with an integrated control unit which means that it can be taken into service without requiring an electrician.

The powerful alternating current motor of the Compli 300 E is based on a rugged grey cast iron volute housing vat which results in special stability and quiet operation.

We recommend as an accessory the sluice valve in the inlet required by EN 12056-4, to prevent any undesirable inflow of waste water during maintenance work.

An additional stop valve should be located in the pressure pipe above the swing-type check valve to retain water in the pressure pipe during maintenance work.

It is always advisable to connect a hand diaphragm pump, to enable the collecting tank to be emptied manually in the event of a power failure.

Compact dimensions (0.52 x 0.52 m)

Light weight - only 31 kg

Additional vertical/horizontal inlets

Type	H max	Q max	Voltage	P1	P2	Current	Motor protection	Passage	Connection flange PN 10	Connecting pipe	Vent pipe
Compli 300 E	7.0 m	30 m^3/h	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	eingebaut	50 mm	DN 80	DN 80	DN 70

COMPLI 400 | 500

Sewage lifting stations

QUALITY THAT SPEAKS FOR ITSELF

The Compli 400 sewage lifting station with an integrated swing-type check valve is for the drainage of a single dwelling. Thanks to the stepless adjustable flange, the invert inlet height can be adjusted on site between 180 and 250 mm, depending on the drainage situation. It is also possible to provide drainage for a subsequently added Euro norm standing toilet without excavating the floor.

The additional inlets allow further facilities such as a washbasin, shower or washing machine to be connected.

The powerful sewage pump rests on a durable cast iron flange, which ensures a long lasting permanently tight tank connection. The non-clogging vortex impeller hydraulics with a free passage of 70 mm provide a transport flow of up to 48 m^3/h and ensure reliable drainage for single dwellings.

Where a larger storage volume is required in combination with a higher pump performance the **Compli 500** (117 litre tank capacity) is used.

The control unit included in the scope of delivery for all systems has:
- an alarm that can be acknowledged with the push of a button
- a maintenance interval indicator
- a plug connection for an additional high-water alarm.

We recommend as an accessory the sluice valve in the inlet required by EN 12056-4, to prevent any undesirable inflow of waste water during maintenance work. An additional stop valve should be located in the pressure pipe above the swing-type check valve to retain water in the pressure pipe during maintenance work. It is always advisable to connect a hand diaphragm pump, to enable the collecting tank to be emptied manually in the event of a power failure.

The sewage disposal units are TÜV and VDE certified.

Ready to connect

Submersible

Additional vertical/horizontal inlets

Height-adjustable inlet socket (Compli 400)

Type Compli	H max	Q max	Voltage	P_1	P_2	Current	Motor protection	Passage	Connection flange PN 10	Connecting pipe	Vent pip
400 with RV	6.0 m	48 m^3/h	3/N/PE~400 V	1.25 kW	0.87 kW	2.2 A	eingebaut	70 mm	DN 80	DN 100	DN 70
400 E with RV	6.0 m	48 m^3/h	1/N/PE~230 V	1.55 kW	1.10 kW	7.1 A	eingebaut	70 mm	DN 80	DN 100	DN 70
510/4 BW	6.0 m	52 m^3/h	3/N/PE~400 V	1.30 kW	1.00 kW	2.8 A	eingebaut	70 mm	DN 80	DN 100	DN 70
515/4 BW	8.5 m	69 m^3/h	3/N/PE~400 V	2.20 kW	1.70 kW	3.9 A	eingebaut	70 mm	DN 80	DN 100	DN 70

COMPLI 1000 | 1000 HL

Sewage lifting stations

RELIABILITY X 2

The Compli 1000 and Compli 1000 HL sewage lifting station are one of our series of duplex disposal lifting stations. In certain cases the use of duplex systems is advisable or may even be required by the regulations. They are used for the drainage of blocks of flats and public buildings. Its duplex pump units work either together to absorb peak loads or alternately, with the other pump unit on standby.

The **Compli 1000 HL** versions are equipped with a modern HighLogo microprocessor control unit. Maintenance interval display, an additional connection for high water alarm, an alarm acknowledgement, are just some of the many features that are shown via a large display.

The **Compli 1000 S1 HL** is used where large quantities of wastewater are produced and the systems operate in S1 mode (continuous operation), such as in swimming pools.

The Compli 1000 are ready to plug in, submersible, and are made of polyethylene. The standard stations are complete with an integrated swing-type check valve, making the use of "Y" pieces unnecessary.

The inlet height can be adapted depending on the inlet pipe:

DN 100: 180-205 mm (left), 250-300 mm (centred) and 290-340 mm (right), each stageless
DN 150/DN 50: 180 mm (left), 275 mm (centred und 315 mm (right)

The disposal lifting stations are TÜV certified.

With modern HighLogo microprocessor control unit

Ready to connect

Submersible

Stainless steel inlet flange

Duplex swing-type check valve

Typ Compli	H max	Q max	Voltage	P_1	P_2	Current	Motor-protection	Passage	Connection flange PN 10	Connection pipe	Vent pipe
1010/4 BWE	6,0 m	52 m^3/h	1/N/PE~230	1,55 kW	1,10 kW	7,1 A	in the Motor/ in the control unit	70 mm	DN 80	DN 100	DN 70
1010/4 BW	6,0 m	52 m^3/h	3/N/PE~400 V	1,25 kW	1,00 kW	2,8 A		70 mm	DN 80	DN 100	DN 70
1015/4 BW	8,5 m	69 m^3/h	3/N/PE~400 V	2,20 kW	1,70 kW	3,9 A		70 mm	DN 80	DN 100	DN 70
1025/4 BW	10,0 m	56 m^3/h	3/N/PE~400 V	3,00 kW	2,20 kW	5,1 A		70 mm	DN 80	DN 100	DN 70
1010/4 BWE HL	6,0 m	52 m^3/h	1/N/PE~230 V	1,55 kW	1,10 kW	7,1A		70 mm	DN 80	DN 100	DN 70
1010/4 BW HL	6,0 m	52 m^3/h	3/N/PE~400 V	1,25 kW	0,87 kW	2,2 A		70 mm	DN 80	DN 100	DN 70
1015/4 BW HL	8,5 m	69 m^3/h	3/N/PE~400 V	2,20 kW	1,70 kW	3,9 A		70 mm	DN 80	DN 100	DN 70
1025/4 BW HL	10,0 m	56 m^3/h	3/N/PE~400 V	3,00 kW	2,20 kW	5,1 A		70 mm	DN 80	DN 100	DN 70

COMPLI 1200 HL

Sewage lifting stations

FOR MORE STORAGE VOLUME

The compli 1200 with a large tank of 350 litres is the ideal solution for several dwellings, industrial plants or hospitals.

For higher wastewater volumes (industrial and municipal uses) we have other suitable duplex units available.

The rear inlet can be mounted with a fitting (on site) both height-variable (560-700 mm) as well as capable rotating (180°).

The Compli 1200 HL are equipped with a modern HighLogo microprocessor control unit. Maintenance interval display, an additional connection for high water alarm, an alarm acknowledgement, are just some of the many features that are shown via a large display

For higher wastewater volumes (industrial and municipal uses) we have other suitable duplex units available.

We can also supply disposal lifting stations with a stainless steel tank upon request.

The sewage disposal units are TÜV certified.

With modern HighLogo microprocessor control unit

Ready to connect

Submersible

Inlet clamping flange

Duplex swing-type check valve

Typ Compli	H max	Q max	Voltage	P_1	P_2	Current	Motor-protection	Passage	Connection flange PN 10	Connecting pipe	Vent pipe
1210/4 BW HL	6,0 m	52 m^3/h	3/N/PE~400 V	1,30 kW	1,00 kW	2,8 A	in the motor/ in the control unit	70 mm	DN 80	DN 100	DN 70
1215/4 BW HL	8,5 m	69 m^3/h	3/N/PE~400 V	2,20 kW	1,70 kW	3,9 A		70 mm	DN 80	DN 100	DN 70

COMPLI MULTICUT

Sewage lifting stations with cutting system

FOR SPECIAL APPLICATIONS

The sewage lifting station compli with the MultiCut cutting system has been specially developed for the sewage disposal from locations such as mobile sanitary facilities, toilets in production halls and toilets in weekend cottages, house boats and exhibition vehicles.

The MultiCut cutting system facilitates the pumping of sewage through small dimension discharge lines over long distances to the gravity sewer system. The discharge line can follow the surface terrain contours. In many cases this method of pumping sewage is more economical than using gravity sewers.

The externally located MultiCut cutting system combines a maximum of operational reliability with excellent pumping characteristics.

The inlet height can be adapted depending on the inlet pipe:

Compli 100
DN 50: 150, 250 mm
DN 100: 180, 250 mm

Compli 500 and 1000
DN 150/DN 50: 180, 275 and 315 mm
DN 100: 180-340 mm

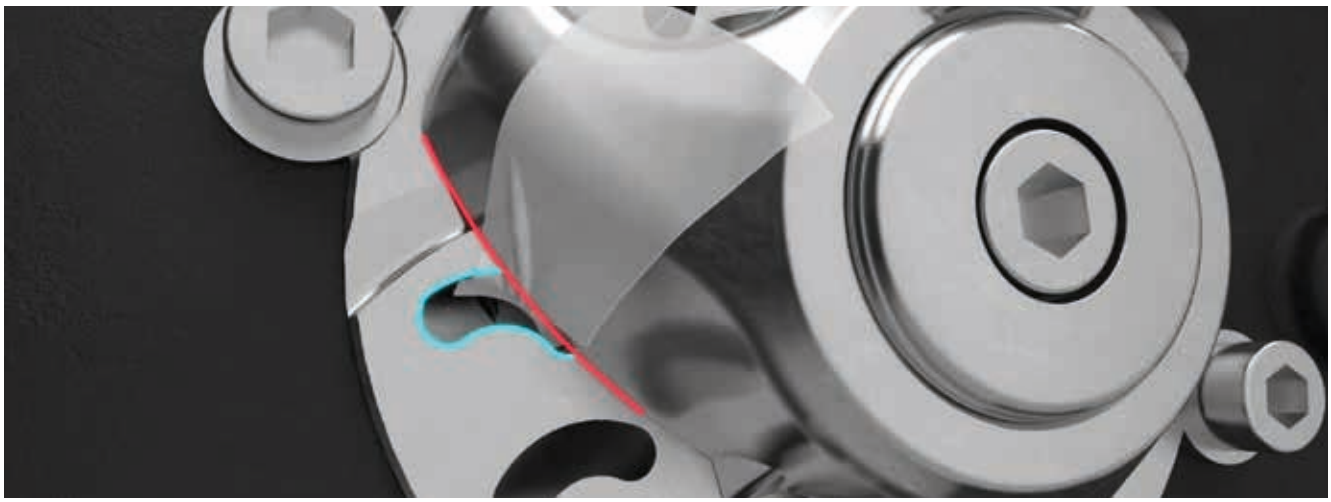
Ready to connect

Submersible

Versatile connection options

Pumps with cutting system MultiCut

Typ Compli	H max	Q max	Voltage	P_1	P_2	Current	Inlet height	Free passage	Connection pipe	Outlet Ø	Vent pipe
108/2 ME	14,0 m	17 m^3/h	1/N/PE~230 V	1.70 kW	1.14 kW	7.5 A	180/250	7 mm	DN 100	63 mm	DN 70
108/2 M	14,0 m	17 m^3/h	3/N/PE~400 V	1.65 kW	1.24 kW	2.8 A	180/250	7 mm	DN 100	63 mm	DN 70
120/2 M	20,0 m	18 m^3/h	3/N/PE~400 V	2.30 kW	1,85 kW	3,9 A	180/250	7 mm	DN 100	63 mm	DN 70
508/2 ME	14,0 m	17 m^3/h	1/N/PE~230 V	1.70 kW	1.14 kW	7.5 A	variabel	7 mm	DN 150	50 mm	DN 70
508/2 M	14,0 m	17 m^3/h	3/N/PE~400 V	1.65 kW	1.24 kW	2.8 A	variabel	7 mm	DN 150	50 mm	DN 70
520/2 M	20,0 m	18 m^3/h	3/N/PE~400 V	2.30 kW	1.85 kW	3.9 A	variabel	7 mm	DN 150	50 mm	DN 70
1008/2 ME	14,0 m	17 m^3/h	1/N/PE~230 V	1.70 kW	1.14 kW	7.5 A	variabel	7 mm	DN 150	50 mm	DN 70
1008/2 M	14,0 m	17 m^3/h	3/N/PE~400 V	1.65 kW	1.24 kW	2.8 A	variabel	7 mm	DN 150	50 mm	DN 70
1020/2 M	20,0 m	18 m^3/h	3/N/PE~400 V	2.30 kW	1.85 kW	3.9 A	variabel	7 mm	DN 150	50 mm	DN 70



MULTICUT

Sewage pumps with cutting system

DIRECT TO THE SEWER

The cutting systems of the MultiCut range are particularly suited for pumping domestic wastewater through very small diameter pipes (DN 32). The pumps can be permanently installed in pressure drainage systems or to connect individual houses directly to the public sewer network. The adjustable cutting system on the outside of the pump prevents uncuttable solids from entering the pump itself. Thus the MultiCut pump guarantees maximum operational reliability with excellent pumping characteristics.

Equipped with a cutting plate made of hardened stainless steel and a triangular blade, it shreds coarse impurities in the wastewater with more than 200.000 cutting operations per minute before they can enter the pump hydraulics.

In this way, these pumps can also cope with the changes in the wastewater caused by the increasing use of wet wipes and other hygiene articles.

External cutting sysstem

200.000 cuts per minute

High operational stability = less service calls

Maintenance friendly

Controllable oil chamber

Integrated motor protection

Type	H max	Q max	Voltage	P_1	P_2	Cuttent	Motor protection	Cable	Device Fuse
20/2 M plus	24 m	18 m^3/h	3/PE~230/400 V	2.40 kW	1.91 kW	4.0 A	Thermostat	H07 RN-F 6G 1,5	10 A
25/2 ME	24 m	17 m^3/h	1/N/PE~230 V	2.70 kW	2.04 kW	12.0 A	Thermostat	H07 RN-F 6G 1,5	16 A
35/2 M	20-35 m	16 m^3/h	3/PE~230/400 V	3.70 kW	3.04 kW	6.6 A	Thermostat	H07 RN-F 6G 1,5	10 A
36/2 M	25-38 m	16 m^3/h	3/PE~230/400 V	4.20 kW	3.42 kW	7.3 A	Thermostat	H07 RN-F 6G 1,5	10 A
45/2 M	38-45 m	10 m^3/h	3/PE~230/400 V	4.84 kW	3.93 kW	7.9 A	Thermostat	H07 RN-F 6G 1,5	10 A

PKS 800 | SKS 800 | SKS 1000

Poly sumps

THE IDEAL COMBINATION

Whether for public or private ground drainage, for walking or driving over, PKS poly-sumps are the ideal solution for waste water and sewage disposal. It goes without saying that they are approved by the German Institute for Construction Engineering (DIBt). The poly-sumps of environmentally-friendly polyethylene are corrosion-resistant, very light, easy to clean, buoyancy-proof and ground water proof. Due to the compact construction dimensions, installation is quick and requires very little excavation work.

The sumps are supplied as ready-for-use pumping stations with all the fittings required. The coupling system to which the pump is simply connected to is located above the water level and facilitates installation and maintenance as a result.

Special convenience are provided by the **PKS-B 800-32** and the **PKS-B 800-D32** (for the installation of two pumps) in combination with **submersible sewage pumps MultiCut.** Both sumps can be used in zones which must withstand the weight of vehicular traffic.

The above water coupling system in this sump uses the innovativ plastic polyphtalamide (PPA). The integrated swing-type check valve can be removed together with the pump which makes for easy maintenance and cleaning.

The combination of stainless steel and plastic materials used in the sumps makes the usual occurrence of corrosion a thing of the past. The DN 32 discharge branch enables pressure pipes with small dimensions to be used and therefore reduces the sewage residence time in the pressure pipe.

The range **SKS-B 800 and SKS-D 1000** can be used in combination with the **drainage and submersible pumps U3, US and Multidrain** for the site drainage. The sumps are available as single- or duplex pump stations.

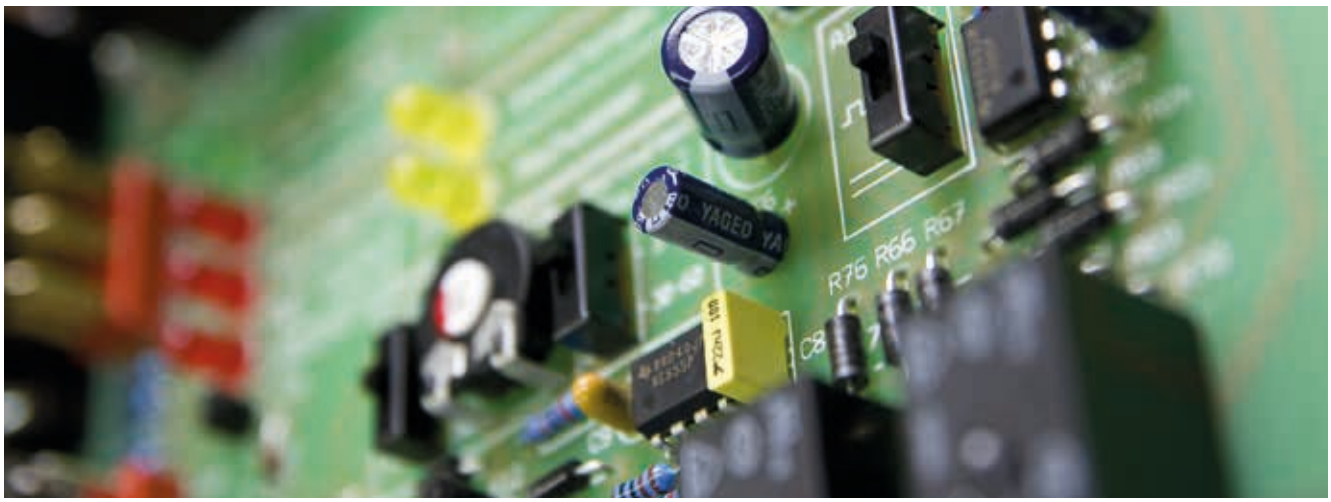
The total volume of the SKS sump is between 740 and 1372 litres and can be increased depending on the sump extension (accessory).

Suitable for traffic cl. B 125: PKS-B800/SKS-B 800
Suitable for traffic cl. D 400: SKS-D 1000

Buoyancy-proof and ground water proof

Light and compact

Durable and environmentally friendly



BASICLOGO | HIGHLOGO

Control units

ROBUST AND COMFORTABLE

The control units allow pumps to be controlled optimally and reliably. They monitor operation and alert in case of malfunctions.

The electric board controllers BasicLogo have been an integral part of the control programme for decades and fulfil all the requirements in their basic configuration that are necessary for the control of sewage pumps.

They have a manual-0-automatic switch for each pump and indicate the status of the pump(s) and any faults via LEDs. These information are signalled via an alarm buzzer and via relay contacts:

- High water
- Motor current depending on version
- Overtemperature depending on the version

The BasicLogo controls in ExM version comply with the current ATEX directives and are equipped with an integrated dynamic pressure level control, which ensures high operational safety with two independently operating level transmitters. In addition there is:

- a dry-run-protection (DRP)
- a runtime monitoring system
- a 3-phase thermal-mechanical motor current monitoring

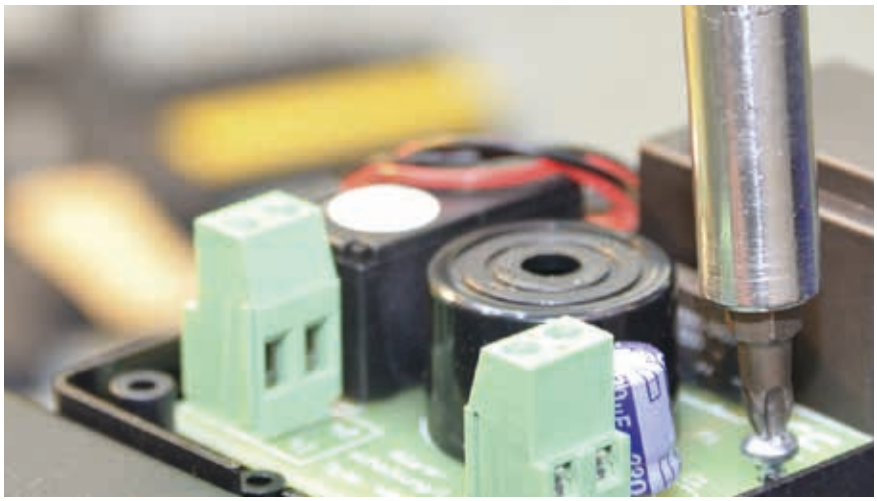
The HighLogo microprocessor control units offer more convenience. The large, easy-to-read display shows, among other things:

- the status of the pumps
- the switch-on cycles
- the current fill level in the sump (depending on the level sensor system)
- power consumption of the pump during operation
- error memory with fault indications
- test run (can be switched on)
- display of the switch-on pulses, operating hours, service intervals, level display, etc.
- motor current monitoring
- collective fault messages potential-free and with potential (230 V AC)
- automatic alternating operation for duplex units, optional peak load
- buzzer for alarm messages
- ATEX mode
- terminals for digital and analogue level sensors

Equipped with a GSM module, faults can be sent to programmable recipients via SMS and/or e-mail.

HighLogo LC control for single unit with dry-running protection (DRP) and air bells

Basic Logo AD 46 ExM with dry-running protection (DRP)



AW3 | AWE | FTJP

Alarm devices | Radio transmitter

ENHANCED SAFETY

The alarm devices with washing machine cut-off provide additional safety when using pumps and pumping stations. If a critical water level is detected in the sump, an acoustic signal follows and the washing machine will be switched off.

Depending upon the location (sumps provided by the customer or JUNG PUMPEN chambers), alarm devices are fitted with suitable level contact such as submersible ball contact switches, reed switches or special electrodes.

Various models:

AW3 alarm device with washing machine cut-off with a submersible ball contact switch, separate, mains-dependent, with 3 m cable, for use in a pump sump.

AWE water level indicator with special electrode, mains dependent and 1.5 m cable. It alerts immediately to any sudden appearance of moisture on the floor. Recommended particularly when washing machines or dishwashers are located on the ground floor or upper storeys where there is no pump sump. (The alarm is triggered even at a water level of only approximately 1 mm).

Accessories:

For parallel connection of several washing machines or dishwashers to an alarm device, we recommend using an **AWO alarm device .**

This ensures that an alarm warning is given for all appliances even if there is a power failure, as it has a rechargeable battery.

All appliances connected to it will be switched off when the alarm is triggered.

Prevention of damage

Acoustic signal

Various level contact

Smart Home

Everyone is talking about networking technical devices with a smartphone. With the **FTJP radio transmitter,** we offer the opportunity to link lifting stations, pumping stations and alarm devices with a potential-free output into a smart infrastructure. Gateways that support the EnOcean® radio protocol are able to communicate with the FTJP radio transmitter. The gateway provider's app can be used to programme the FTJP radio transmitter.

So if, for instance, a pump fails or water is detected in the cellar, it is possible to turn off the washing machine, close the cellar windows electrically and shut off the fresh water supply all at the same time. In addition, a Jung Pumpen pump can be activated to drain off the incoming water.

The radio transmitter is the ideal complement to modern home communication systems such as smoke alarms, burglar alarms, shutters and blinds, and lighting and heating systems..

Applications of lifting stations

	WC	Wall WC	Urinal	Bidet	Sink	Shower	Bathtub
Hebefix Mini				+	+	+	
Hebefix Pro					+	+	+
Hebefix					+	+	+
Hebefix 100					+	+	+
Hebefix 100 H					+	+	+
Hebefix 200					+	+	+
Baufix 50					+	+	+
Baufix 100					+	+	+
Baufix 200					+	+	+
Plancofix		no lifting station according EN 12050-2, but especially for the drainage of showers				+	
Plancofix Plus Plancofix Line		no lifting station according EN 12050-2, but especially for the drainage of showers				+	
K2 Plus							
WCfix 260	+			+	+	+	
WCfix Plus	+	+		+	+	+	
Compli 300E	+	+	+	+	+	+	+
Compli 400	+	+	+	+	+	+	+
Compli 500	+	+	+	+	+	+	+
Compli 1000/1000 HL	+	+	+	+	+	+	+

Sink Unit	Dish-washer	Washing machine	Conden-sate	Softening Unit	Air conditioner	Hot Water	H max (m)	Q max (l/min)	Pressure Drainage	
+			+	+	+	+ 55 °C	5,3 m	72 l	DN 32	for sewage without faecel
+	+	+	+	+	+		7,0 m	108 l	DN 32	
+	+	+	+ U3KS spezial	+ U3KS spezial	+		8,0 m	192 l	DN 32	
+	+	+	+ U3KS spezial	+ U3KS spezial	+		13,0 m	466 l	DN 40	
+	+	+				+ 80 °C	13,0 m	466 l	DN 40	
+	+	+	+ U3KS Spezial	+ U3KS Spezial	+		13,0 m	516 l	DN 32/50	
+	+	+	+ U3KS Spezial	+ U3KS Spezial	+		7,0 m	108 l	DN 32	
+	+	+	+ U3KS Spezial	+ U3KS Spezial	+		13,0 m	466 l	DN 32	
+	+	+	+ U3KS Spezial	+ U3KS Spezial	+		13,0 m	516 l	DN 32/50	
							2,3 m	30 l	DN 25	
							1,3 m	25 l	DN 25	
			+				3,5 m	8 l	11/13 mm	
							4,0 m	133 l	DN 25/32	for sewage containing faecel
							6,0 m	208 l	DN 25/32	
+	+	+	+ *	+ *			10,0 m	500 l	DN 80	
+	+	+	+ *	+ *			7,0 m	800 l	DN 80/100	
+	+	+	+ *	+ *			20,0 m	1.267 l	DN 80/100	
+	+	+	+ *	+ *			20,0 m	1.417 l	DN 80/100	

* Mixing with domestic wastewater must be ensured

PENTAIR JUNG PUMPEN

Forum

FURTHER QUALIFICATION

With its growing range of seminars, ourseminar centre **"Forum"** has established itself as a professional meeting place for the exchange of information.

We welcome you here with technical and communicative highlights - and a new air conditioning system that ensures a permanent supply of fresh air. In a friendly atmosphere, you will benefit from the expertise of internal and external speakers. For us, the seminars serve as inspiration for future products.

We can exchange our experiences in a relaxed atmosphere over coffee during the breaks or at dinner together. On a tour of our production facilities, you can see and experience the quality of a Jung Pumpen pump.

With our cooperation partners, we organise **seminars throughout Germany** that extend beyond pump technology to the entire field of wastewater technology.

Online seminars form another pillar of our seminar activities. Participate comfortably from your computer in the office or with your tablet on the sofa. The interactive exchange in our portal usually leaves none of your questions unanswered.

The events, which usually last one hour, are narrowly focused on individual topics and are an ideal introduction to a subsequent classroom seminar at Pentair Jung Pumpen.

Dates can be viewed on our homepage **www.jung-pumpen-forum.de** or arranged individually for groups of 10 or more.

Wherever we may welcome you to a seminar - we look forward to a lively exchange of ideas with you!

Your seminar team

JUNG PUMPEN GmbH | 33803 Steinhagen | Germany | Phone +49 5204 170 | info@jung-pumpen.de | www.jung-pumpen.com

Pentair and Pentair Jung Pumpen are trademarks, or registered trademarks of Pentair or its subsidiaries in the United States and/or other countries.
© 2026 Pentair Jung Pumpen. All rights reserved.

P 237 - 22 EN - 2602 Image sources: Jung Pumpen GmbH, fololia, Vaillant, Karol Crec