

► Our technology. Your success.

Pumps • Valves • Service



The right partner for your project. Drainage and water supply



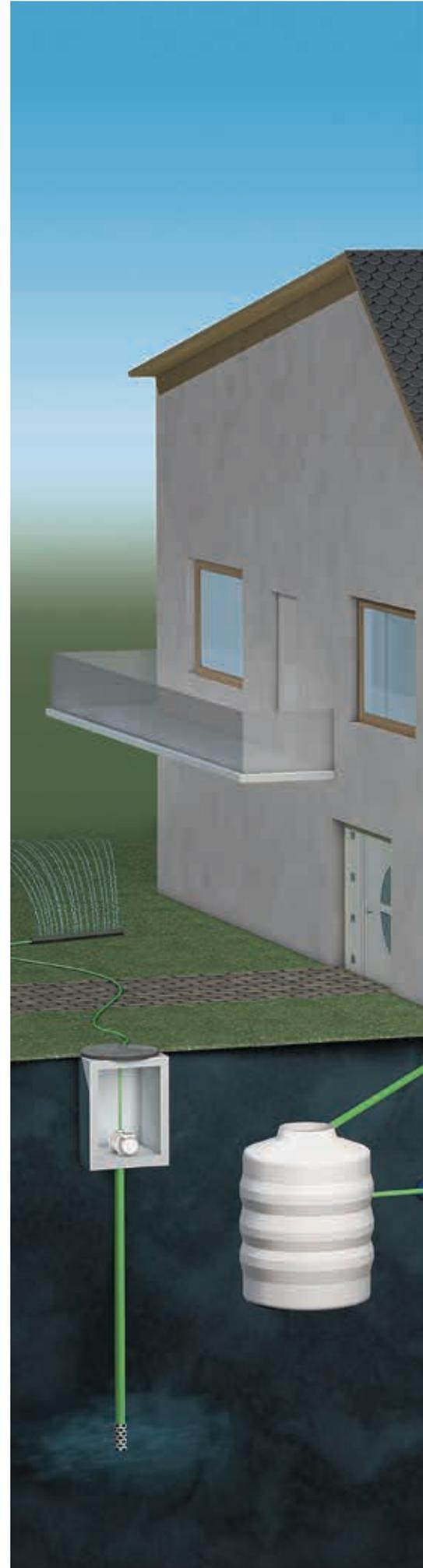
Always the **right solution**

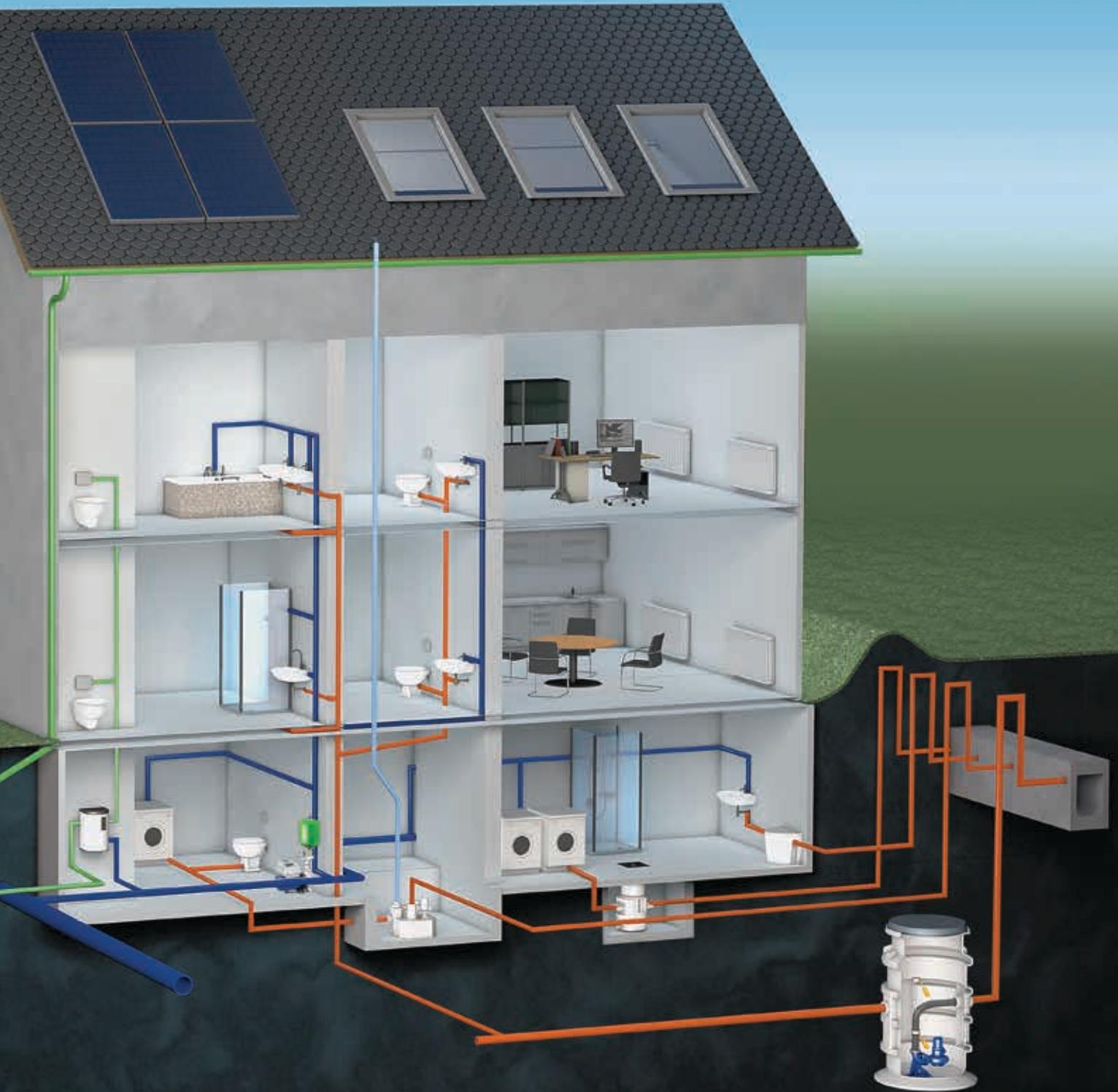
It is not only large projects that place high demands on planning and implementation – equipping private homes is often a challenging undertaking as well. In particular, the adjustment to specific conditions calls for the experience gained from numerous projects and the high-quality engineering of an all-in solutions provider. With our many years' experience as market leader we are ideally equipped to meet the specific requirements of complex systems and develop comprehensive solutions for your building.

With our wide product range we can also find the right products to equip your property – energy-efficient and reliable. For many years we have been partners of installation contractors, specialist suppliers and private individuals who we not only supply with our high-quality products, but can also offer expert advice. Research and development give us the assurance that we can offer full, cost-effective solutions in all fields: from water supply through drainage to heating and air-conditioning.

But since products alone do not make a full-range supplier, we also attach great importance to customer service. With our over 16,000 employees in over 100 countries and our partner companies we develop individual solutions to meet all requirements. This also enables us to find the right solution for your project and optimise your entire hydraulic system, so you can make the most of your savings potential.

All information on drainage and water supply with KSB can be found in this brochure. And if you need further information, we will be delighted to offer you our advice.





A convincing choice of products – from wet to dry





Drainage



Ama-Drainer® N 301/N 358

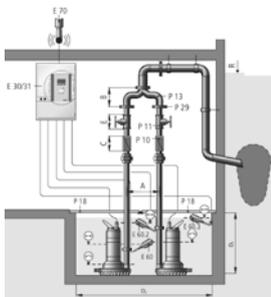
Floodable, submersible waste water pump, optional automation with LevelControl Basic 2 control unit

Applications

Disposal of waste water containing solids with a particle size of 10 to 35 mm

Benefits

- Absolutely tight: magnetic float switch with variable level control and maximum travel stop
- Easy to connect: 5 or 10 metre power cable
- Highly reliable: also suitable for operation with the pump not submerged (jacket cooling)
- Space-saving: includes swing check valve



Technical data

DN:	1¼–1½
Q m³/h:	max. 16.5
H m:	max. 12
Height:	325 mm
Width:	214.5 mm



Ama-Drainer 400/500

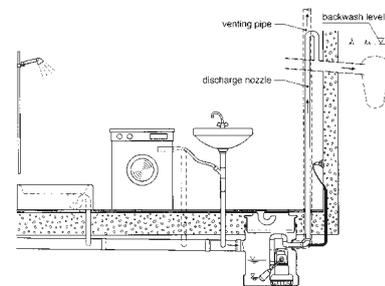
Floodable, submersible waste water pump, optional automation with LevelControl Basic 2 control unit

Applications

Disposal of waste water containing solids with a particle size of 10 to 35 mm

Benefits

- Maintenance-free: grease-packed bearings sealed for life
- Jacket cooling for operation with the pump not submerged, retrofit option for conversion to cooled variant
- Robust and reliable: also suitable for waste water containing coarse solids



Technical data

DN:	1¼–2
Q m³/h:	max. 47
H m:	max. 24
Height:	440 mm
Width:	300 mm



Ama-Porter

Submersible motor pump, optional automation with LevelControl Basic 2 control unit

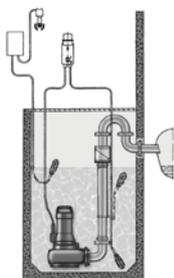
Applications

Waste water transport, waste water disposal

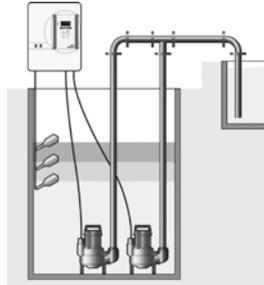
Benefits

- Robust: large, sturdy pump for waste water containing long fibres and solid substances
- The heavyweight of submersible motor pumps
- Fit and forget: automatic, bolt-free connection in combination with KSB duckfoot bend

Installation Ama-Porter®
with flood control



Installation Ama-Porter®
with LevelControl Basic 2



Technical data

DN:	50–65
Q m³/h:	max. 40
H m:	max. 12
Height:	408 mm
Width:	374 mm



Amarex

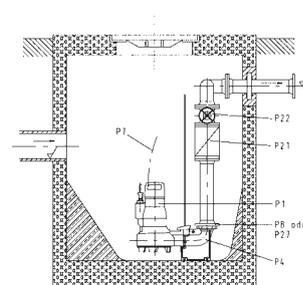
Submersible motor pump, optional automation with LevelControl Basic 2 control unit

Applications

Waste water transport

Benefits

- Easy replacement of existing pumps, easy to handle: smallest dimensions, intelligent adaptation concept, re-usable and polarised cable entry
- Significant reduction of energy costs by optimised hydraulic system and optimum efficiency
- Replacements quickly available with short delivery times
- Highly reliable with robust cutter or, alternatively, an impeller type with a large free passage



Technical data

DN:	32–100
Q m³/h:	max. 190 (53 l/s)
H m:	max. 49
T °C :	max. 55

Drainage



Ama-Drainer-Box

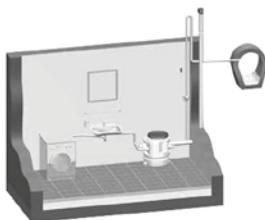
Floodable waste water lifting unit, optional automation with LevelControl Basic 2 control unit

Applications

Automatic drainage of buildings, disposal of domestic waste water

Benefits

- Universal use: single-pump or dual-pump lifting unit for above-floor or underfloor installation for all pumps of the Ama-Drainer series
- Flexible: can be adapted to conditions or constraints on site thanks to level-adjustable, rotatable extension of the underfloor box and graded inlet connections
- A siphon trap integrated in the cover prevents bad odours
- Fast to install



Technical data

DN:	40/50
DN inlet:	50/70/100/150
Q m ³ /h:	max. 46 (12.8 l/s)
H m:	max. 24
Volume:	100/200 l

Ama-Drainer-Box Mini

Automatic waste water lifting unit for above-floor installation

Applications

Automatic drainage of washbasins, showers, washing machines, dish-washers, etc.

Benefits

- Fast to install: ready to connect, no accessories required
- Space-saving: low-height design, stable solution, wall or floor mounting
- Free from bad odours: new type of activated carbon filter meeting hygiene requirements, integrated overflow protection
- Flexible: large variety of connection options, shower connection as a standard (2 inlet nozzle heights)
- Service-friendly



Technical data

DN:	40
Q m ³ /h:	max. 10
H m:	max. 6.5
T °C :	max. 50
Height/width:	328/460 mm

Pumpstation CK 800/100

Ready-to-connect pump station, automated with LevelControl Basic 2 control unit

Applications

Automatic drainage of buildings, disposal of waste water below the flood level

Benefits

- Corrosion-resistant, durable, low-weight, compact pump station
- Versatile: free choice of locations with tank cover in 3 load classes for foot traffic/cars/trucks
- Flexible: optional tank extensions enable installation depths of up to 2,700 mm
- Several inlet nozzles at different heights



Technical data

DN:	50/65
DN inlet:	6 x 150
Q m ³ /h:	max. 50 (13.9 l/s)
H m:	max. 39
Height/width:	1,700-2,700/1,140 mm
Content:	360 l



mini-Compacta US1.40

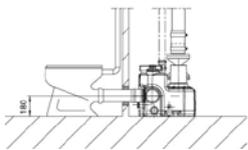
Super-compact, floodable sewage lifting unit, automated with LevelControl Basic 1 control unit

Applications

Disposal of sewage from toilet facilities below the flood level

Benefits

- Compact dimensions: space-saving installation 650 x 320 mm
- Full functionality with integrated ball check valve
- Highest planning and operating reliability by steep characteristic curve
- Latest motor generation offers highest possible system availability



Technical data

DN:	32/50
DN inlet:	2 x 100/50 graded
Q m ³ /h:	up to 14.2
H m:	up to 18
Height:	650 mm/320 mm
Width:	405 mm
Volume:	10/17 l



mini-Compacta U1.60

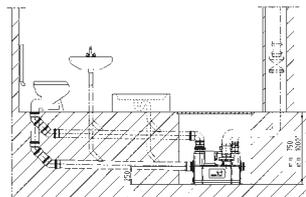
Floodable sewage lifting unit, automated with LevelControl Basic 1 control unit

Applications

Disposal of sewage from toilet facilities below the flood level

Benefits

- Space-saving: compact dimensions of 510 x 510 mm
- Easy to install
- Reliable: integrated swing check valve, integrated mains-independent alarm and control system with self-diagnosis
- 10-year spare parts warranty
- Ready to connect
- Robust, powerful, durable motor



Technical data

DN:	80
DN inlet:	2 x 50/3 x 100
Q m ³ /h:	max. 26.5
H m:	max. 12
Height/width:	450/510 mm
Volume:	60 l



Compacta up to UZ300

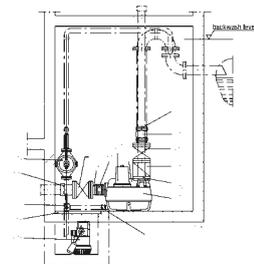
Floodable sewage lifting unit, automated with LevelControl Basic 2 control unit

Applications

Disposal of domestic and industrial waste water

Benefits

- Space-saving: compact design, easy to install
- Reliable: dual-pump system, integrated swing check valve, integrated mains-independent alarm and control system with self-diagnosis
- Optional 10-year spare parts supply
- Includes y-pipe



Technical data

DN:	80
DN inlet:	3 x 100/150 graded
Q m ³ /h:	max. 71.5
H m:	max. 23
Height/width:	585/1,085 mm
Volume:	300 l

Water supply



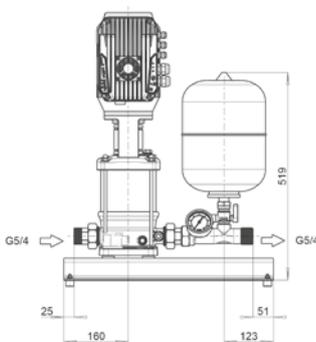
KSB Delta Solo EV
Pressure booster system

Applications

Water supply, rainwater harvesting, service water supply systems

Benefits

- Fast to install: ready to connect
- Reliable and safe: integrated dry running protection
- Easy to adapt to operating conditions: start-up pressure can be set to values ranging from 2 to 3.5 bar



Technical data

Rp:	1¼
Q m³/h:	max. 6
H m:	max. 50
p bar:	max. 10
T °C:	max. 60



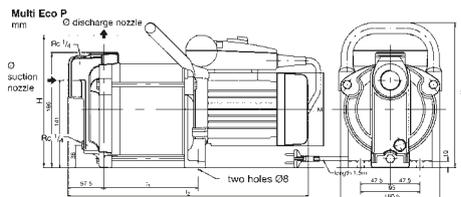
Multi Eco
Multistage, self-priming centrifugal pump

Applications

Domestic water supply, garden spray irrigation, rainwater harvesting

Benefits

- Economical: 40 % more efficient than jet pumps
- Whisper quiet: 53 dB maximum
- Reliable: long service life ensured by corrosion protection



Technical data

Rp:	1–1¼
Q m³/h:	max. 8
H m:	max. 54
p bar:	max. 10
Height:	215 mm
Width:	415 mm



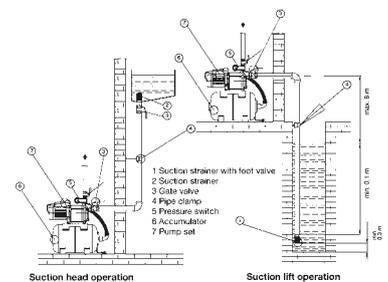
Multi Eco-Top
Automatic domestic water supply system

Applications

Water supply, agricultural operations, rainwater harvesting

Benefits

- Durable: long service life ensured by corrosion protection; high operating reliability
- Economical: frequency of starts limited by membrane-type accumulator



Technical data

Rp:	1–1¼
Q m³/h:	max. 8
H m:	max. 54
p bar:	max. 7
Height:	525 mm
Width:	570 mm



Multi Eco-Pro

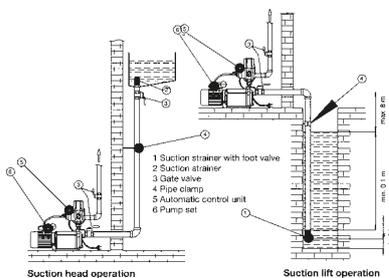
Automatic domestic water supply system

Applications

Water supply, agricultural operations, spray irrigation and washing plants

Benefits

- High level of comfort: quiet, reliable operation
- Easy to survey: pressure gauge display
- Intelligent: pump switched on/off automatically; integrated dry running protection
- Whisper quiet: 53 dB maximum



Technical data

Rp:	1¼
Q m³/h:	max. 8
H m:	max. 54
p bar:	max. 10
Height:	430 mm
Width:	415 mm



KSB Delta Compact

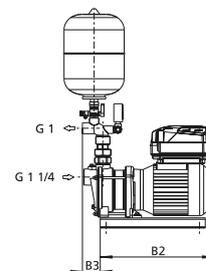
Variable speed pressure booster system

Applications

Water supply for residential and office buildings, irrigation/spray irrigation, rainwater harvesting, service water supply systems in trade and industry

Benefits

- Energy-efficient operation and constant pressure ensured by speed control of all pumps
- Drinking water: suitable for use in drinking water applications
- Straightforward commissioning: plug-and-play design
- Space-saving: very compact design
- Corrosion-resistant: powder-coated materials and stainless steel
- Operating reliability: integral dry running protection



Technical data

Rp:	1–1¼
Q m³/h:	up to 20
H m:	up to 53
p bar:	up to 10
T °C:	up to 40
Height:	824 mm
Width:	500 mm

Water supply



Hya-Rain Eco

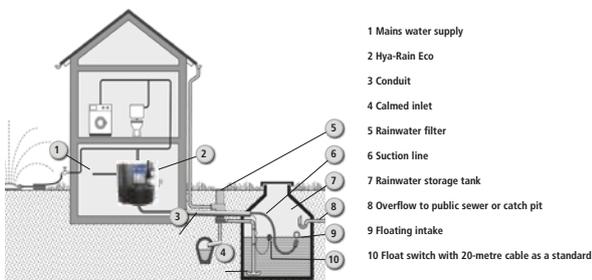
Rainwater harvesting system

Applications

Rainwater harvesting, spray irrigation, service water utilisation, irrigation systems

Benefits

- High level of comfort: quiet, easy to install, complete with accessories for connection; automatic or manual operation, large range of accessories
- Reliable: automatic, demand-driven mains water back-up system, integrated dry running protection, display of operating pressure



Technical data

Rp:	1
Q m ³ /h	max. 4
H m:	max. 43
Height:	650 mm
Width:	410 mm



Hya-Rain

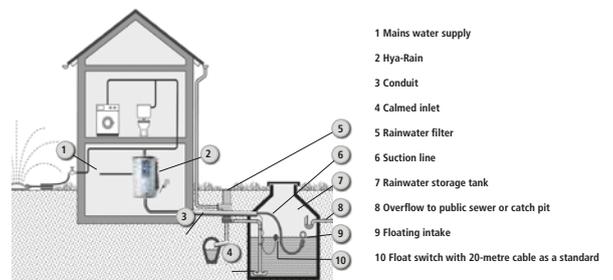
The best of all rainwater harvesting systems

Applications

Rainwater harvesting, spray irrigation, service water utilisation, irrigation systems

Benefits

- High level of comfort: easy to install, complete with accessories for connection and bolt hole pattern; automatic or manual operation
- Reliable: automatic, demand-driven mains water back-up system, integrated dry running protection, display of operating pressure
- Automatic replacement of water in mains water storage tank; display of water level of rainwater storage tank (on Hya Rain N)



Technical data

Rp:	1
Q m ³ /h	max. 4
H m:	max. 43
p bar:	max. 6
Height:	630 mm
Width:	410 mm



Ixo N

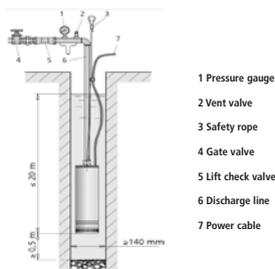
Submersible borehole pump

Applications

Water supply, spray irrigation, rainwater harvesting, water extraction

Benefits

- Reliable and dependable
- High level of comfort: automatic starting/stopping, dry running protection by connection to Controlmatic auto-matic control unit, 23-metre power cable



Technical data

Rp:	1–1¼
Q m³/h	max. 8
H m:	max. 65
Height:	577 mm
Width:	133 mm



Ixo Pro

Submersible borehole pump with integrated pressure switch

Applications

Rainwater harvesting, pressure boosting, irrigation, water extraction

Benefits

- Straightforward installation: Supplied completely wired, with mains cable and plug
- Corrosion resistance: Pump shroud and impellers made of stainless steel AISI 304
- No-maintenance design: Motor bearing lubricated for life
- High operating reliability: Water-cooled motor with integrated thermal protection and electronic dry running protection

Technical data

Rp:	1
Q m³/h	up to 3.9
H m:	up to 60
Height:	to 560 mm
Width:	126 mm



Filtr N

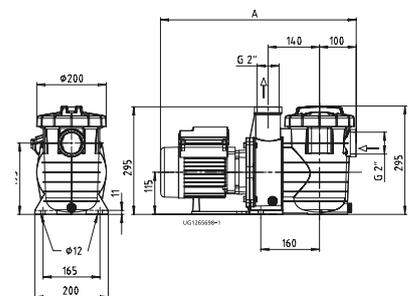
Single-stage, self-priming centrifugal pump in close-coupled design

Applications

Recirculation of swimming pool water in filtering systems

Benefits

- Quiet and robust
- Easy to clean: filter basket can be hinged open
- Transparent lid makes contamination level easy to detect



Technical data

Rp:	2
Q m³/h	max. 36
H m:	max. 21
p bar:	max. 2.5
T °C:	max. 35
Height:	295 mm
Width:	512.5 mm

Valves from KSB

Our valves also contribute to the energy efficiency of the complete system. In the KSB product range you will find the matching shut-off and control valves for your entire building. They match the flow rate to demand and thus optimise the efficiency of the whole system. In this way, they increase the overall efficiency of your system and save lots of energy!



Pumps and valves within the system offer huge potential for savings. With the optimised valves from KSB you can take full advantage of this potential.

Service from start to finish – wherever you are

KSB is an all-in solutions provider. This means that, with us, you can count not only on outstanding products, but also on optimal service – from commissioning through inspection and maintenance work to the repair of pumps of any make – including provision of spare parts.

Stay on the safe side with KSB Service

Our own service specialists and the experts of our regional service partners are at your disposal 24/7 and make sure your system also runs safely and reliably in the long term.

- Trained service staff
- Individual service concepts
- Original KSB spare parts
- 24/7

FluidFuture®: the energy-saving concept for your system

Many systems do run reliably but they also use a lot more power than necessary. The solution: efficiency optimisation with FluidFuture® in four steps. We look at the entire hydraulic system to achieve maximum energy efficiency throughout the life cycle. The optimisation costs will pay for themselves within a short period through the high energy savings that can be made.

The process and its four steps are clearly defined – based on extensive expertise and experience. This systematic and targeted approach ensures maximum savings at minimum costs. Perfectly matching the hydraulic system, drive and automation products as well as the piping dimensions can result in savings of up to 60%.

We reduce the operating costs of your system by combining our expert knowledge with smart products and services. This is our joint contribution towards an energy-efficient future.

More on FluidFuture®:
www.ksb.com/fluidfuture



System analysis

- Creating transparency
- Determining the load profile

Selection

- Defining the system structure
- Selecting components

Commissioning

- Expert installation
- Professional commissioning

Highly efficient operation

- Intelligent pump technology
- Continuous monitoring

ENERGY-EFFICIENT PRODUCTS AND SERVICES





Technology that **makes its mark**

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