

People at KSB – we make your world flow round

CK PUMPING STATION – THE COMPACT, READY-TO-USE, COMPLETE SOLUTION

Product benefits

- Packaged unit comes ready-to-connect making it simple to install.
- Due to its modular construction the CK Station's installation time is reduced to a minimum. Simply excavate the hole, connect the inlet, discharge and power supply. What could be easier?
- Standardised supply means you get consistent supply ensuring quality of pumps, controls and tank every time.
- For deeper invert/inlet levels a maximum of two sump extensions are permitted, allowing installation depths up to 2,500 mm.

Fields of application

Collection and disposal of waste water/sewage from buildings below the backwash level.

For use in:

- Private homes
- Housing estates
- Industrial premises
- Commercial premises
- Leisure complexes
- Restaurants
- Hotels

Fluid*

- sewage
- waste water
- rain water

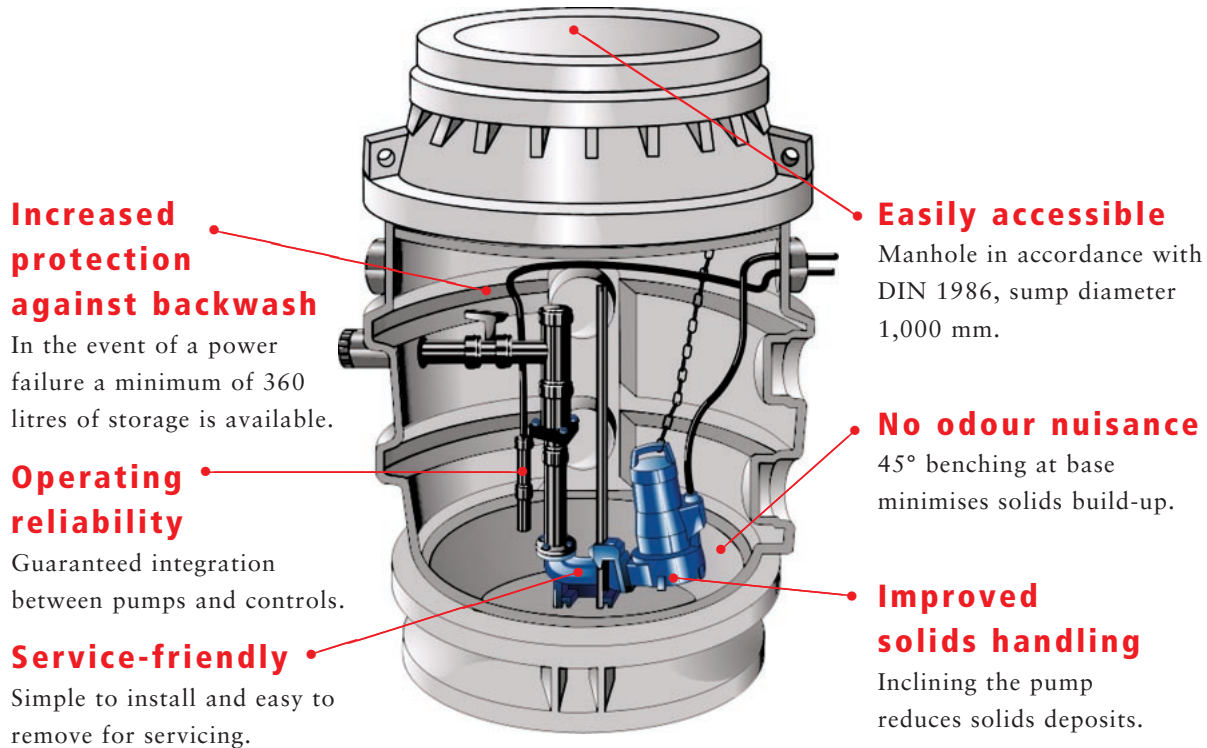
*) PLEASE NOTE:
When pumping sewage, observe explosion protection regulations!



Your contact person:

CK Pumping Station

Package Pumping Station



Increased protection against backwash

In the event of a power failure a minimum of 360 litres of storage is available.

Operating reliability

Guaranteed integration between pumps and controls.

Service-friendly

Simple to install and easy to remove for servicing.

Easily accessible

Manhole in accordance with DIN 1986, sump diameter 1,000 mm.

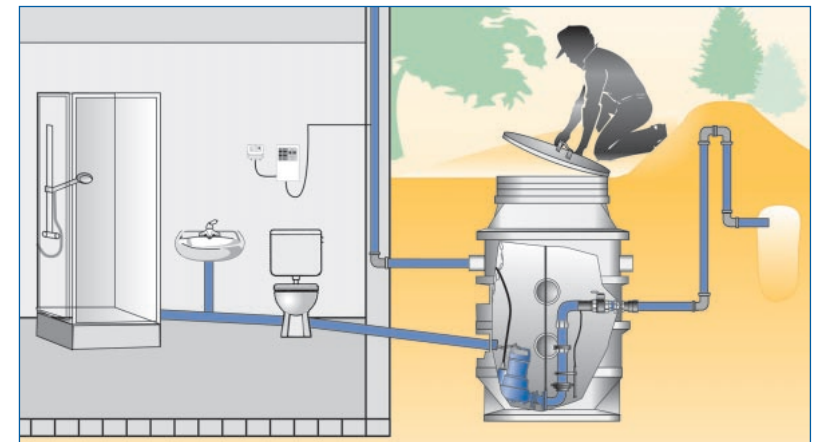
No odour nuisance

45° benching at base minimises solids build-up.

Improved solids handling

Inclining the pump reduces solids deposits.

Example of installation



Design:

Package single and twin pump stations in compact design with sump for underground installation. With one or, in the case of twin pumps, two powerful submersible waste water pumps, available in explosion-proof or non-explosion-proof design. Sump design to DIN 1986-100 and EN 752/EN 476. Internal discharge pipe, complete with ball valve, non-return valve and flushing connection. Includes clamped connection for discharge pipe.

Supply variants:

- Standardised options:
- Single or twin pumps
 - Pumps selected to duty & application
- Three control options:
- Simple (single pumps systems only)
 - Traditional - Float Switch Control
 - ICS - Intelligent Control System patented system without control panel or float switches

Pump sump

- Polyethylene tank with mounted concrete pump base, for anti-floatation.
- Sump diameter: 1,000 mm
- Sump depth: 1,700 mm (with cover), with sump extensions up to 2,500 mm
- Storage capacity: 360 l (bottom of the sump to lower edge of the inlet)
- Sump cover: 600 mm to DIN 1229/EN 124, class "A15" (manhole)
- Inlet: 6 inlet sockets, DN 150, closed, at different heights
- Discharge pipe connection: DN 50 or DN 65 compression fitting
- Venting connection and cable entry: 2 connection branches DN 100, closed

For larger, higher storage or systems requiring specific tank dimensions KSB provide the Evamatic Range; a bespoke system made to your specific requirements.

Technical Data:	Ama-Porter	Amarex
Max. capacity:	40	50 m ³ /h
Max. head:	21	47 m
Max. motor rating:	1,5	4,2 kW
Max. temperature:	40	55 °C
Cable length:	10	10 m

Further information: www.ksb.com/productcatalogue