

Sewage & Pollution Control

Kingspan Environmental

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Kingspan Environmental

Septic Tanks

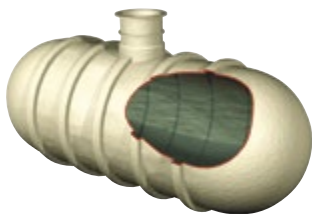
Cesspools

Cesspool is designed for the collection and retention of sewage surface water, veterinary / animal waste, firefighting reservoirs and rainwater harvesting reservoirs.

Capacity: 3,960 gallons

Features and benefits:

- Easy to install, with minimal on-site installation time
- Designed in accordance with BS6297, ensuring you meet all building regulations
- High level alarm available for complete peace of mind
- Lockable manhole cover for ultimate security



Septic Tanks Alpha

Kingspan Klargester's Alpha Septic Tank range provides a reliable and economic solution for homes and small business premises with off mains drainage.

Capacity: 2,800 litres

Features and benefits:

- Light, watertight and chemically resistant
- Suitable for homes with between 5-17 occupants
- Robust, weather proof for guaranteed durability, giving you value for money
- Impact resistant – manufactured from composite GRP
- Performance tested to EN-12566 (Part 1) – high performance guaranteed
- CE marked to comply with Construction Products Regulations (July 2013)
- The Alpha Septic Tank range is available in three sizes (from 2,800 to 4,600 litres)



Septic Tanks – Continued

Septic Tanks Beta+

Beta+ Tank is suitable for a range of applications: from single houses to large residential and small commercial developments.

Capacity: 3,000 litres

Features and benefits:

- Strong, easy to move and simple to install, reducing on-site installation time
- Robust, weather proof for guaranteed durability, giving you value for money
- Impact resistant – manufactured from high quality polyethylene
- Wide neck for easy access for annual desludging
- Fully compliant, tested and approved to EN-12566 (Part 1)
- CE marked to comply with Construction Products Regulations (July 2013)
- Variable invert neck (0.9 to 0.5 metres)
- The Beta+ Septic Tank range is available in two sizes (3,000 and 4,000 litres)



Septic Tanks Sigma Shallow Dig

Sigma Shallow Dig Septic Tank is designed for quick installation and is suitable for properties with dig height restrictions.

Capacity: 2,800 litres

Features and benefits:

- Fully compliant, tested and approved to EN-12566 (Part 1)
- CE marked to comply with Construction Products Regulations (July 2013)
- Robust and simple to install for reduced on-site installation time
- Reduced excavation costs, saving you money
- Less soil disposal and less backfill material – kinder to the environment
- Made from GRP – strong and durable for ultimate reliability
- Light, watertight and chemically resistant
- Robust, weather proof for guaranteed durability, giving you value for money
- The Sigma Shallow Dig septic tank range is available in five sizes (from 2,800 to 9,150 litres)



Kingspan Environmental

Packaged Sewage Treatment Plants

Sewage Treatment Plant BioDisc® Domestic

Domestic dwellings without access to mains drainage.

Capacity: Population Equivalent 1 house, up to 4 bedrooms

Features and benefits:

- Lowest running and maintenance costs of sewage treatment models in its class
- No noise, no odours
- Suitable for homes with up to 18 people.
- Low profile covers for minimal visual impact
- Invert options to match the site
- Control panel issues an immediate alert when a problem occurs
- Single phase standard power supply
- Optional invert depths of 450mm and 1,250mm are available
- BioDisc® range is available in various models based on Population Equivalent
- Fully compliant, tested and approved to EN-12566

Sewage Treatment Plant BioFicient

BioFicient has been specially designed for shallow dig applications. Suitable for homes with up to 30 people.

Capacity: Population Equivalent 6 PE

The BioFicient is a highly economical and reliable solution for your sewage treatment needs. With low running costs, the all new BioFicient is easy to maintain – with the high performance you'd expect from a Kingspan Klargester model.

Features and benefits:

- Minimal visual impact
- Installation in trafficked areas
- Saving on-site installation time
- Excellent ammonia reduction (0.4mg/l)
- BioFicient range is available in various models based on Population Equivalent
- Fully compliant, tested and approved to EN-12566-3



Packaged Pumping Station / Bypass & Full Retention Separators

Pumping Station Pumpstor Domestic & Domestic+

Pumpstor Domestic & Domestic 24 are suitable for sewage, surface water and effluent. They are ideal for homes with up to 13 people.

Capacity: 1,250 litres

Largest domestic pumps come fully equipped with single and twin pumps and are suitable for sewage, surface water and effluent. They are ideal for homes with up to 13 people.

Features and benefits:

- Made with super-tough, low maintenance GRP and high quality polyethylene for guaranteed durability
- Comes with options of monitoring systems
- Engineered with the highest quality parts and fittings
- Can also be used for 24 hour storage requirements
- Designed with easy access features for maintenance
- Choose from either 110mm or 160mm inlet connections
- Lockable covers for optimum security
- Quick connection outlet couplings
- Fully compliant, tested and approved to BS 756-2



Full Retention Separators

Full retention separator can be used in carparks, roadways, fuel distribution depots, vehicle workshops and forecourts.

Storage capacity: silt - 300 litres, oil - 30 litres.

Features and benefits:

- Designed for easy installation, saving you time and money
- Certified to EN858-1 and PPG3 for complete peace of mind
- Class I and Class II designs available for flexibility of choice
- Oil alarm probe tube available (required by EN858-1 and PPG3).
- Fitted inlet/outlet connections
- Vent points within necks
- Maintenance from ground level
- GRP & PE Model construction – high strength and durability
- Full retention separator range is available in various sizes (from 170 sq.m drainage area to 11,110 sq.m).



Bypass & Full Retention Separators – Continued

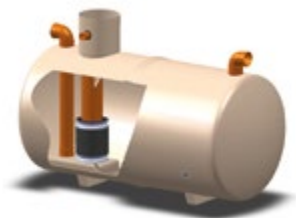
Forecourt Separators

Forecourt separator is designed for installation in petrol filling station forecourts and similar applications.

Capacity: 10,000 litres

Features and benefits:

- Light and easy to install, saving you time and money
- Class I and Class II design for flexibility of choice
- Inclusive of silt storage volume
- Fitted inlet/outlet connectors
- Vent points within necks
- Extension access shafts for deep inverts
- Maintenance from ground level
- Oil storage volume
- Coalescer (Class I unit only)
- Automatic closure device



Bypass Separators

Bypass separators are used when it is considered an acceptable risk not to provide full treatment, for very high flows, and are used where the risk of a large spillage and heavy rainfall occurring at the same time is small, e.g. surface car parks, roadways, lightly contaminated commercial areas.

Features and benefits:

- Light and easy to install, saving you time and money
- Class I and Class II designs for flexibility of choice
- GRP or rotomoulded construction (subject to model)
- Oil alarm system available (required by EN858-1 and PPG3)
- Inclusive of silt storage volume
- Fitted inlet/outlet connectors
- Vent points within necks
- Extension access shafts for deep inverts
- Maintenance from ground level
- Bypass separator range is available in various sizes (from 1,670 sq. m drainage area to 72,225 sq.m).



**We've got plenty in
the pipeline...**



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