

BIOFICIENT

Outperforms the latest SEPA
and Environment Agency
discharge requirements

NEW

Kingspan

Klargester



THE PRACTICAL SEWAGE TREATMENT PLANT

The BioFicient has been specially designed for shallow dig applications, allowing for an unobtrusive below ground installation. Its unique design features include its low profile and extension neck, saving on-site time and expense.

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.



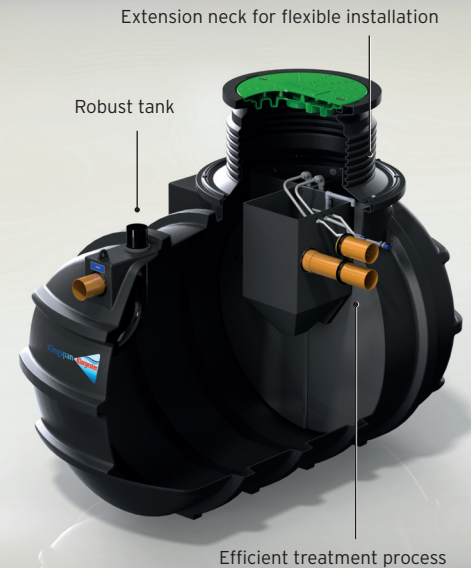
Minimal visual impact



Installation in trafficked areas



Less time on site

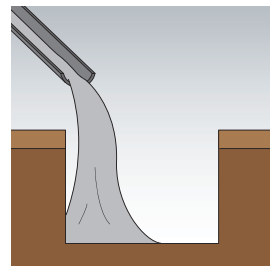


FEATURES AND BENEFITS

- › Excellent ammonia reduction (0.4mg/l)
- › Low maintenance with low running cost
- › May be installed in trafficked areas with design by others
- › Designed for applications selected in compliance with British Water
- › Premium version with low energy consumption available

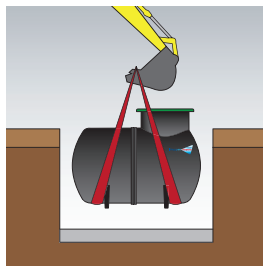
LEGISLATION, STANDARDS & CODES

- › EN 12566-3 tested and approved
- › CE marked



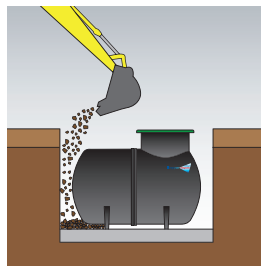
LAY CONCRETE BED

Depth of 150mm dependent on ground conditions (wet or dry).



LOWER UNIT ONTO CONCRETE

Holding straps on the tank (supplied by third parties) help make the lowering process more secure. The straps then lock the tank safely in place.



BACKFILL AND LEVEL

1. Pour water into primary (inlet) and final (outlet) chamber to 200mm.
2. Backfill - suitable for both pea shingle and concrete backfill types.

SPECIFICATION

Model	Tested to Population Equivalent	Material	Discharge Option	Diameter /Width (mm)	Length (mm)	Inlet invert (mm)	Outlet invert (mm)	Installation depth*(mm)	Inlet pipe work (mm)	Outlet pipe work (mm)	Cover Size - O/D (mm)
Bioficient 1	6	Plastic/GRP	Gravity	1420	2360	500 800 1500	600	1830	Ø110	Ø110	Ø1060
Bioficient 2	8	GRP	Gravity	1420	3760	500 800 1500	600	1830	Ø110	Ø110	Ø1060
Bioficient 3	10	GRP	Gravity	1420	3760	500 800 1500	600	1830	Ø110	Ø110	Ø1060
Bioficient 4	15	GRP	Gravity	1920	3230	500 800 1500	600	2370	Ø110	Ø110	Oval-Ø1060x1610
Bioficient 5	20	GRP	Gravity	1920	4390	500 800 1500	600	2370	Ø110	Ø110	Oval-Ø1060x1610
Bioficient 6	30	GRP	Gravity	1920	6220	500 800 1500	600	2370	Ø160	Ø160	Oval-Ø1060x1610 Ø600

**Based on 500mm invert



Kingspan Klargester is part of Kingspan Environmental

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