

BIOFICIENT

Outperforms the latest SEPA
and Environment Agency
discharge requirements



60 YEARS OF
Expertise &
Innovation
1955 - 2015

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.



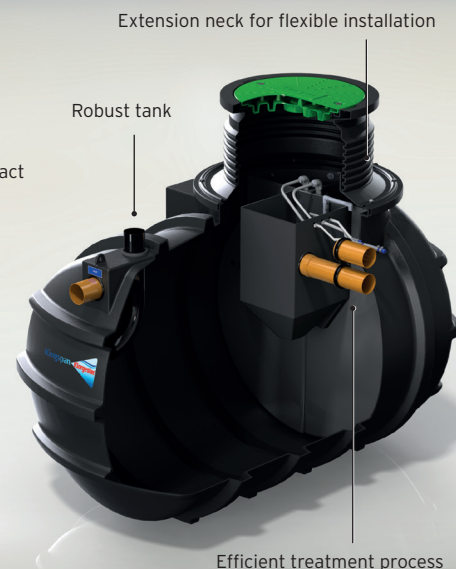
Minimal visual impact



Installation in trafficked areas



Less time on site

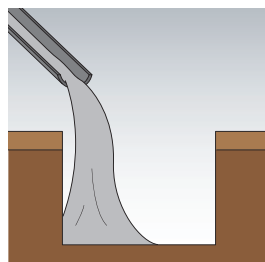


FEATURES AND BENEFITS

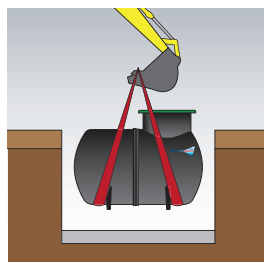
- › Excellent ammonia reduction (0.4mg/l)
- › Low maintenance with low running cost
- › May be installed in trafficked areas with design by others
- › Designed for applications selected in compliance with British Water
- › Premium version with low energy consumption available

LEGISLATION, STANDARDS & CODES

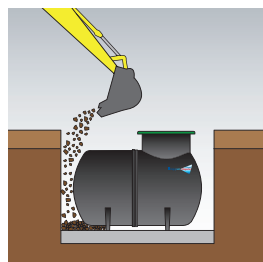
- › EN 12566-3 tested and approved
- › CE marked



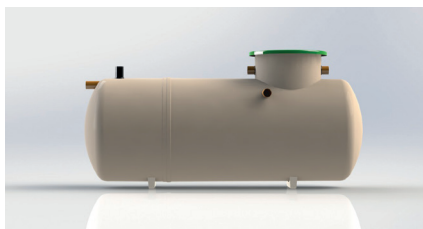
LAY CONCRETE BED



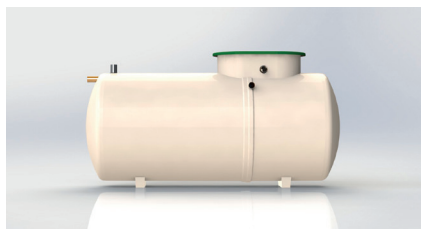
LOWER UNIT ONTO CONCRETE



BACKFILL AND LEVEL



BioFicient 3



BioFicient 6

SPECIFICATION

Model	Tested to Population Equivalent	Material	Discharge Option	Diameter /Width (mm)	Length (mm)	Inlet invert (mm)	Outlet invert (mm)	Installation depth*(mm)	Inlet/Outlet pipe work (mm)	Cover Size - O/D (mm)
BioFicient 1	6	Plastic	Gravity	1420	2360	500 1000 1500	600/1100/1600	630/1130/1630	Ø110	Ø1060
BioFicient 2	8	GRP	Gravity	1420	3760	500 1000 1500	600/1100/1600	1830/2330/2830	Ø110	Ø1060
BioFicient 3	10	GRP	Gravity	1420	3760	500 1000 1500	600/1100/1600	1830/2330/2830	Ø110	Ø1060
BioFicient 4	15	GRP	Gravity	1920	3230	500 1000 1500	630/1130/1630	2300/2800/3300	Ø110	Oval-Ø1060x1610
BioFicient 5	20	GRP	Gravity	1920	4390	500 1000 1500	630/1130/1630	2300/2800/3300	Ø110	Oval-Ø1060x1610
BioFicient 6	30	GRP	Gravity	1920	6220	500 1000 1500	630/1130/1630	2300/2800/3300	Ø160	Oval-Ø1060x1610 Ø600

**Based on 500mm invert



Kingspan Klargester is part of Kingspan Environmental

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