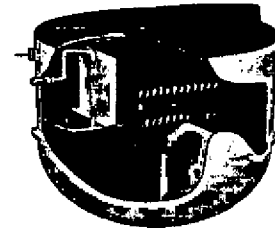


BIOTEC

The BioTec is the economical off-mains solution for single houses and uses the tried and tested aerobic biological process for the treatment of domestic sewage.



TECHNICAL INFORMATION

HOW BIOTEC™ WORKS

The Biotec™ sewage treatment plant uses the well-proven aerobic biological process. Treatment is a three-stage process.

Coarse solids are filtered and retained for gradual breakdown.

The resulting liquid is continuously distributed over a plastic suspended filter by an integral lift, powered by a remotely sited blower.

The solids are allowed to settle and under normal domestic conditions, treated water of 20mg/l BOD, 30mg/l S.S., 20mg/l Ammonia can be achieved.

HOW BIOTEC IS INSTALLED

The unit is normally installed in the ground with the cover flush to the surface. It can protrude above ground level if required by site levels.

ABiotec™ should preferably be sited no closer than 7m from the nearest house.

The plant should be surrounded by concrete and seated on a concrete base.

The blower housing can be located anywhere within a 13m radius of the system for easy and convenient access.

EASY MAINTENANCE



Wastewater Management Experts
KINGSPAN KLARGESTER

Biotec™ is designed for low-cost and easy maintenance.

Under normal usage your Biotec™ will require periodic emptying.

Kingspan Klargester offers a full post installation inspection and after sales service.

	Daily flow (m ³ /day)	BOD load (kg/day)	Weight empty approx. (kg)	Outside diameter (m)	Depth (m)	Inlet invert (m)	Inlet invert to base (m)	Outlet invert (m)	Motor rating (watts)
Biotec™- 1.2 1	1.2	0.36	195	1.9	2.2	1.0*	1.2	1.1	60
Biotec™- 1.2 1 IPS	1.2	0.36	220	1.9	2.2	1.0*	1.2	0.605	60
Biotec™- 2.4 2	2.4	0.72	217	1.9	2.7	1.0*	1.7	1.1	60
Biotec™- 2.4 2 IPS	2.4	0.72	260	1.9	2.7	1.0*	1.7	0.605	60
Biotec™- 3.6 3	3.6	1.1	445	2.7	2.6	1.0*	1.6	1.1	150
Biotec™- 3.6 3 IPS	3.6	1.1	471	2.7	2.6	1.0*	1.6	0.605	150
Biotec™- 5 4	5	1.5	470	2.7	2.6	1.0*	1.6	1.1	150
Biotec™- 5 4 IPS	5	1.5	495	2.7	2.6	1.0*	1.6	0.655	150

OVERVIEW

FEATURES AND BENEFITS



Wastewater Management Experts
KINGSPAN KLARGESTER

Low-level visibility pedestrian cover

Treats sewage using a traditional elevated filter

Externally mounted blower for simple maintenance

Housing developments with up to 25 people.

Low running and maintenance costs, saving you time, effort and money

Package options to suit all needs

Integral pump system (IPS) discharge option available

Performance tested - compliant with BSEN-12566 (Part 3) for assured performance

5 year guarantee options when purchased with a service and maintenance plan

CE-marked

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