

Domestic Sewage Treatment Systems

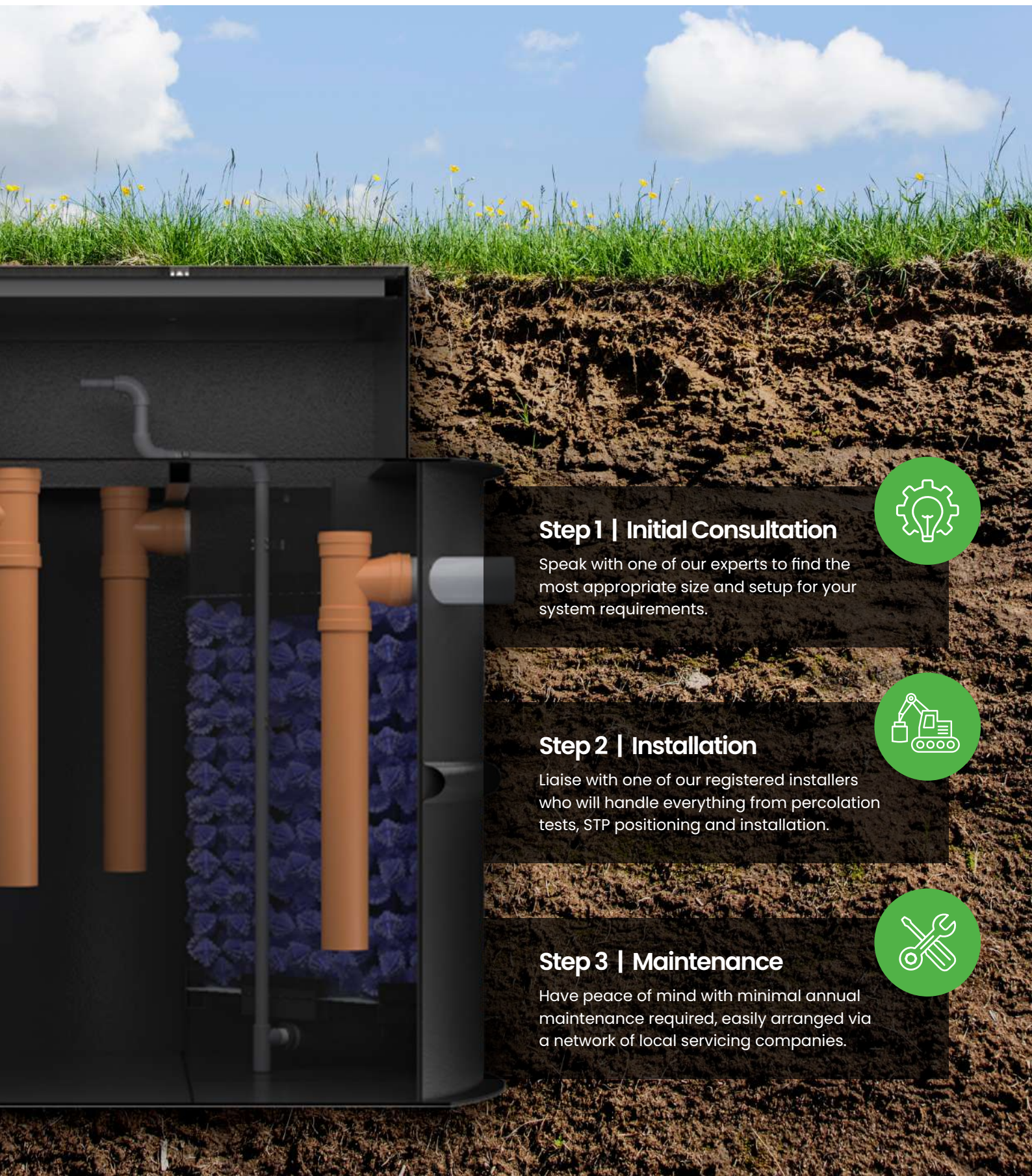


UK Manufacturer of Bespoke
MATRIX Sewage Treatment Plants



Domestic Sewage Treatment Solutions

Efficient and cost-effective wastewater solutions for domestic applications with MATRIX Sewage Treatment Systems.



Step 1 | Initial Consultation

Speak with one of our experts to find the most appropriate size and setup for your system requirements.



Step 2 | Installation

Liaise with one of our registered installers who will handle everything from percolation tests, STP positioning and installation.



Step 3 | Maintenance

Have peace of mind with minimal annual maintenance required, easily arranged via a network of local servicing companies.



Why Choose MATRIX?

Quality Assurance



Every MATRIX system is built under strict quality controls to ensure long-term durability, consistent performance and full compliance with industry standards.

Experience & Expertise



With decades of hands-on experience, we provide clear, practical advice to help you choose the right solution with confidence.

Caring for the Planet



Our systems are built to reduce environmental impact, helping you meet regulations while safeguarding the surrounding environment.



Quiet & Efficient

Advanced aeration keeps your garden fresh and quiet.



Discreet Access Cover

Built to sit flush with the ground level, suitable for all applications.



Cost-Effective

Low running costs through efficient power usage and less maintenance.



Low-Maintenance

No internal moving parts and advanced filter media for treatment.



Total Compliance

Fully certified to UK Environment Agency standards.



Aftercare Service

Total peace of mind with ongoing support from our team of experts.



Finding the ideal sewage treatment plant for your home with MATRIX Sewage Treatment Systems

MATRIX Standard Units are designed to make installation straightforward and cost-effective. Flush access covers minimise visual impact, while the flat-bottom polypropylene design reduces the need for additional concrete. Compact and reliable, these systems are ideal for single properties and small developments, with installation support available nationwide.



Tested & Certified

Homeowner's guide:

Key considerations before choosing the correct sewage treatment plant



Size of treatment plant



Ground conditions



Wastewater discharge



Invert level options

No matter what comes your way, the MATRIX Sewage Treatment System will have you covered with reliable, durable performance built to handle even the toughest conditions throughout the year, helping to ensure dependable operation and peace of mind.



Performance with Peace of Mind

Choosing the Correct Size

Having the correct sewage treatment system ensures it operates efficiently, reliably and at full performance.



Our team is on hand to help with all sizing questions or queries, guiding you through the process to ensure you select the correct system for your property or development.



1-4 Bedroom Property



You need CLF1



Perfect for small to medium-sized family households with 1-4 bedrooms and up to 6 people, offering a reliable solution that fits into everyday family life.



5-7 Bedroom Property



You need CLF1A



Ideally suited for larger, busier families with 5-7 bedrooms and up to 9 people, designed to easily handle the higher demands of a growing, active household.



8-10 Bedroom Property



You need CLF2



Tailored to look after grander households with 8-10 bedrooms and up to 12 people, comfortably managing high-volume daily use without a second thought.

Efficient Installation Process

Fast. Simple. Cost-effective.

Designed for minimal disruption and maximum efficiency on-site.



Flush Ground-Level Covers

No visual intrusion. Designed to sit flat and support up to 1-tonne loads.



Durable Polypropylene Build

Lightweight, robust construction for easier, more cost-effective installation.



Integrated Lifting Points

All domestic units include lifting eyes for simple handling and positioning.



External Alarm Housing

Robust, compact above-ground housing for easy installation and accessibility.



Flat-Bottom Design

No propping or wedging required, meaning faster setup with reduced groundwork.



Modular Options Available

Ideal for restricted access or tight installation sites.



1 Excavate

The cylindrical footprint ensures excavations remain simple and efficient, even in the harshest ground conditions.



2 Install

Simple "Plug & Play" design enables fast installation with quick, easy, and reliable pipe and electrical connections.



3 Fill & Seal

Easily accessible, allowing the system to fill with water during backfilling for quicker installation and a smoother process.



Our installers report savings of up to **30%** on concrete compared to traditional installation methods



Nationwide Installation Support

Dedicated in-house customer support, with access to nationwide, registered installers.

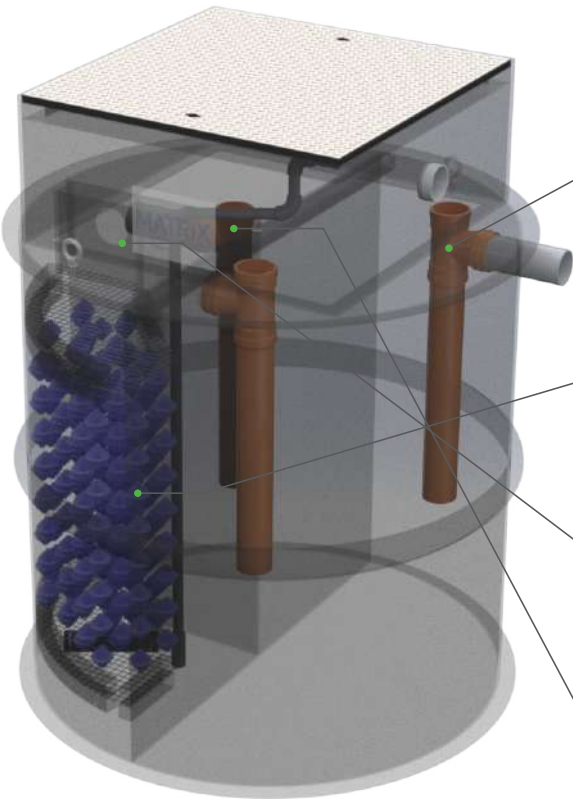
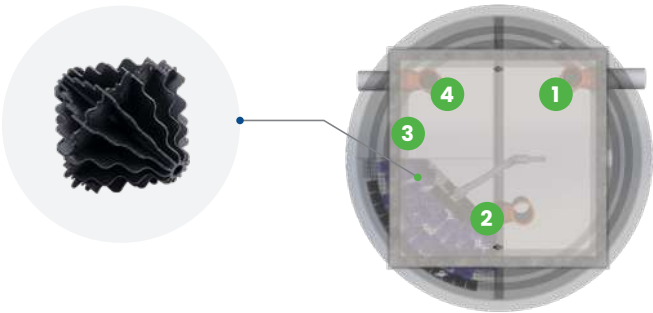


Flexible Logistics

Dedicated nationwide delivery at no additional cost, with no hidden charges.

How Our Systems Work

The MATRIX sewage treatment process couldn't be any simpler. Here's a guide on how our systems work.



Step 1 | Primary Settlement Chamber

Untreated sewage enters the Primary Settlement Chamber (PST) and settles out.

Step 2 | Biozone Chamber

Liquid flows into the Biozone Chamber (BIO), where oxygen is added via an external air compressor.

Step 3 | Final Settlement Chamber

Treated liquid flows into the Final Settlement Chamber (FST), for further settlement before discharge.

Step 4 | Exiting the System

Purified water exits the system, entering a watercourse or drainage field via gravity or an integral pump.

Supporting Products



External Compressor & Alarm Moulded Housing

Sleek and unobtrusive, our 6-25 person gravity discharge systems feature a compact external housing for accessibility and failure protection.



External Compressor & Alarm Kiosk Housing

Our 18-25 person pumped discharge systems feature an external kiosk housing with an external air blower, alarms, and pump controls as standard.

Technical Data

Model Ref	PE	BOD/Day kg	Flow/day m3	Length mm	Width mm	Depth mm	Inlet Size mm	Weight kg	Blower Rating
CLF1	6	0.36	0.90	1500 diameter		1956	110	200	55w/240v
CLF1A	9	0.54	1.35	1700 diameter		1959	110	250	55w/240v
CLF2	12	0.72	1.80	1900 diameter		1959	110	300	85w/240v
CLF2A	15	0.90	2.25	2000 diameter		1959	110	325	105w/240v
CLF3	18	1.08	2.70	2200 diameter		1962	110	500	125w/240v
CLF4	25	1.50	3.75	2500 diameter		1912	160	750	125w/240v

More About Us

Clenviro manufactures bespoke sewage treatment plants, hand-built in the UK to suit your site requirements and local regulations. Established in 2004 and with over 50 years of combined industry experience, we provide tailored design, BS EN12566-3 compliant systems, and in-house manufacturing to deliver reliable quality, faster lead times, and practical support from enquiry to installation.



Established in 2004



BS EN12566-3 Compliant



Reliable Quality, Faster Lead Times



What Else Do We Offer?

Thanks to our unique manufacturing process, we can do far more than just sewage treatment systems. We also design and manufacture grease traps, external pumping stations, and a wide range of bespoke fabrications, including fish tanks and storage tanks, all tailored to your specific requirements.



Why Choose Clenviro?



Manufactured in the UK

High-quality British engineering precision you can trust, with every unit hand-fabricated at our dedicated UK manufacturing facility.



Dedicated Team

Benefit from expert technical support and guidance from your initial enquiry through to final installation and system aftercare.



No Hidden Costs

We provide clear, transparent pricing from the outset, ensuring your project stays on budget with no unexpected extras.



Fully Compliant

Every system we manufacture meets all relevant UK legislation and environmental standards, ensuring total peace of mind.

We will never compromise just to '**make a sale**' as we firmly believe that environmental issues, long-term customer satisfaction and our own established reputation are of overriding importance.

- Steven Lamb | General Manager

Contact Details



Phone: 01952 676 666
Email: info@clenviro.co.uk
Web: www.clenviro.co.uk

Address

Clenviro Ltd
Unit 1C, Queensway Business Park
Telford
Shropshire
TF1 7UL
United Kingdom

 Clenviro  @Clenviro  Clenviro Ltd

Your Local Distributer:



Phone: 01995 510 400
Mobile: 07939 957843
Web: www.iamtanks.co.uk
Email: sales@iamtanks.co.uk



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