



# Hexatreat

## Bio Septic Tank

Six Chamber Bio Septic Tank



# About Hexatreat

Exclusively serving India, Hexatreat delivers cutting-edge wastewater treatment products and bio septic tanks. Backed by a nationwide distribution network and a committed team of local experts, we ensure reliable and efficient service countrywide

**Trusted Waste Water Management Solutions**  
Hexatreat is a premier supplier of eco-friendly wastewater treatment products and bio septic tanks. Our commitment to environmental responsibility is reflected in our cutting-edge solutions, ensuring high performance and efficiency. With a focus on excellence, Hexatreat delivers tailored, cost-effective options, setting the standard for sustainable wastewater management. Choose Hexatreat for professional, innovative, and environmentally conscious solutions.

Locally Accessible



Nationwide Distribution



# ExpertTechnical Support

Hexatreat's commitment extends beyond product purchase. Our dedicated team is ready to assist you with technical, sales, and delivery inquiries, ensuring unparalleled customer support. We take pride in delivering top-notch customer service, demonstrating our dedication to your satisfaction.

We stand firmly behind the quality and performance of Hexatreat's water management solutions, and our support extends well beyond the installation of your system.

Our exceptional design consultancy, coupled with engineering expertise, guides you throughout your commercial or industrial water management project. Utilizing the latest design technology, we produce high-quality drawings, and our meticulous project management process ensures a seamless experience from system sizing to manufacturing, installation, and delivery.

Our comprehensive advice encompasses water management specification, design, product application, and compliance with building regulations and site work installation practices. We address the most challenging requirements for effluent qualities, flow rates, and discharge consents.

For expert advice on Hexatreat's water management solutions, contact our technical team today at [Hexatreat@gmail.com](mailto:Hexatreat@gmail.com)

# Hexatreat Septic Tank

## Domestic Bio Septic Tank

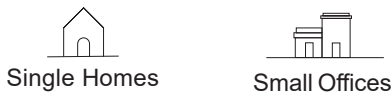


Hexatreat's BioSeptic Tank is Engineered to treat septic water to the highest level of standards and offers one of the lowest lifetime costs compared to other treatment processes.

### The Technology in Tank

An **anaerobic reactor** is a system that breaks down organic matter without the presence of oxygen, producing biogas as a byproduct. It is commonly used for wastewater treatment and harnesses microbial activity to facilitate the decomposition process.

### Application of HT-1



### Application of HT-1.5



### Application of HT-2



### Product Benefits

**Advanced Technology:** Utilizes Advanced Biological Treatment technology for effective wastewater treatment.

**Economical Operation:** zero running costs, providing a cost-effective solution.

**Safety First:** Designed with low-level visibility and a lockable childproof cover, ensuring safety for children and pets. Manholes are made with Polymer Based concretes reinforced with FRP.

**High Pollution Removal:** Achieves over 95% pollution removal, ensuring a high standard of water treatment.

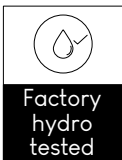
**Warranty Options:** Offers 1-year warranty options when purchased with service.

**Silent Operation:** No movable parts, so zero noise operation

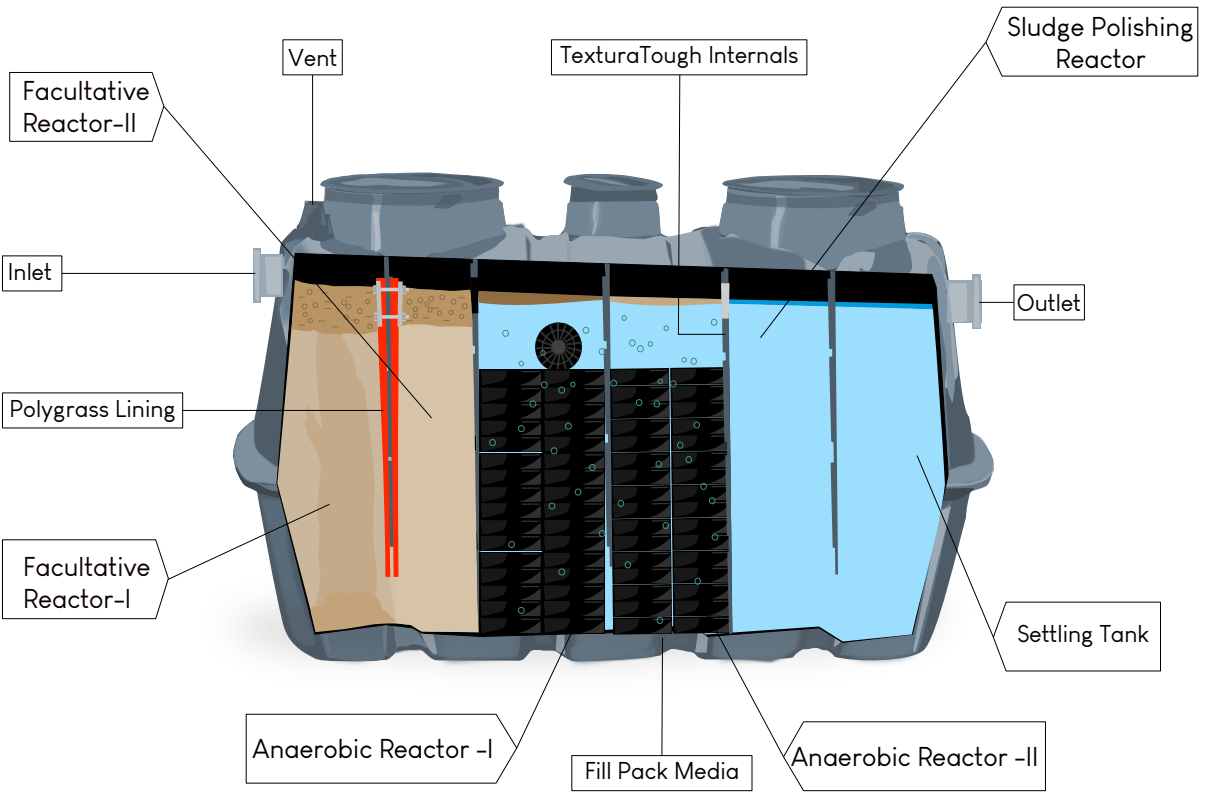
**Stability:** Represents one of the most stable processes in the market, ensuring reliability.

**Enhanced Microorganism Growth:** Includes fill pack media and polygrass lining for improved microorganism growth.

**TexturaTough Microbial Habitat:** Our tank partition's sand-like finish promotes increased surface area, optimizing conditions for enhanced bacterial growth and improved water quality.



Description	HT-1.2	HT-1.5	HT-2	HT-3	HT-4
Volume	1200	1500	2000	3000	4000
No. of People (150Ltrs/head/day)	8	10	14	20	27
Length (mm)	1700	1750	2000	2800	3750
Width (mm)	1000	1150	1300	1300	1300
Height (mm)	1000	1250	1300	1300	1300
Thickness (mm)	5	6	6	8	8



01

#### Facultative Reactor-I

Microbes break down waste, and solids settle for cleaner water.

02

#### Facultative Reactor-II

It facilitates anaerobic digestion, breaking down organic matter in sewage and allowing sludge accumulation for microbial breakdown in a bio septic tank

03

#### Anaerobic Reactor -I

Efficiently treats wastewater through anaerobic digestion, promoting organic matter breakdown and system effectiveness.

04

#### Anaerobic Reactor -II

Continues anaerobic digestion, fostering further breakdown of organic matter for thorough wastewater treatment

05

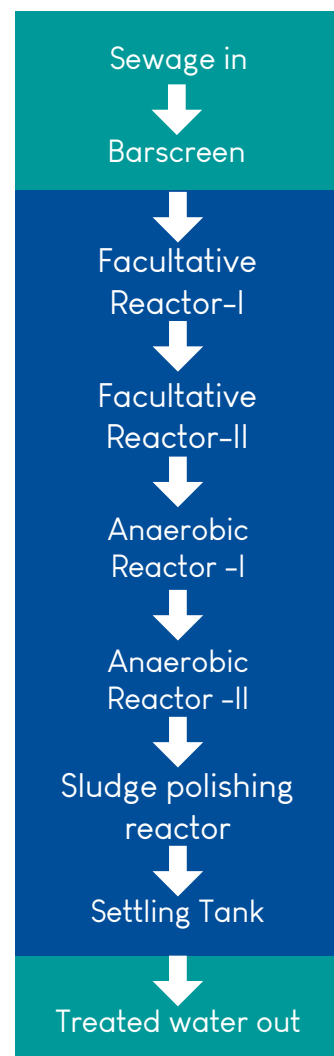
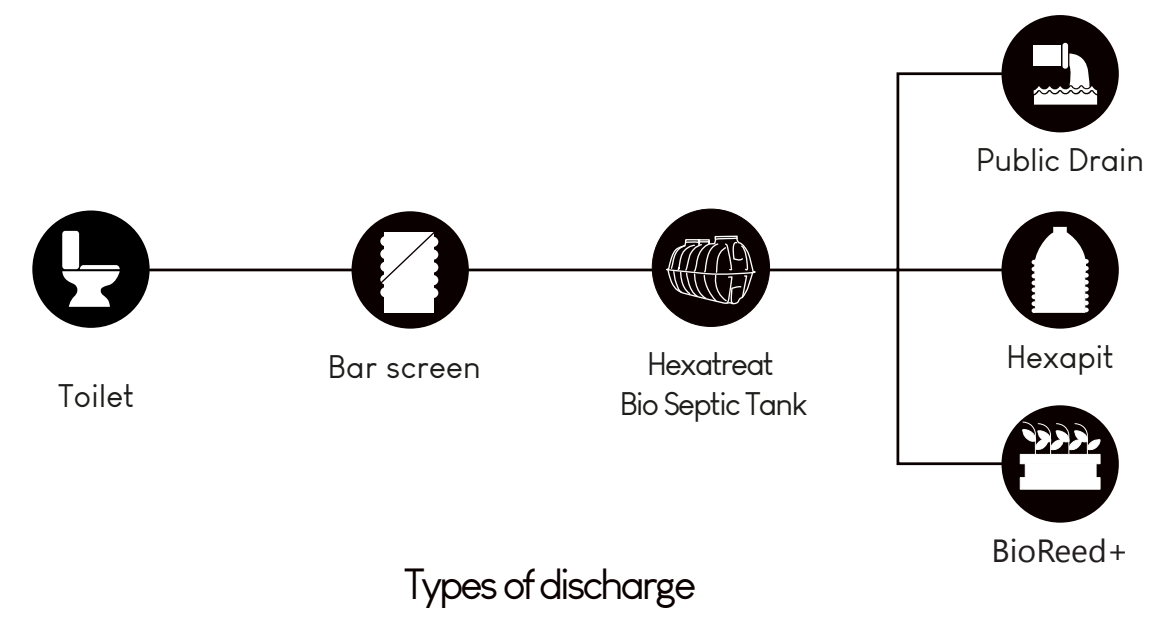
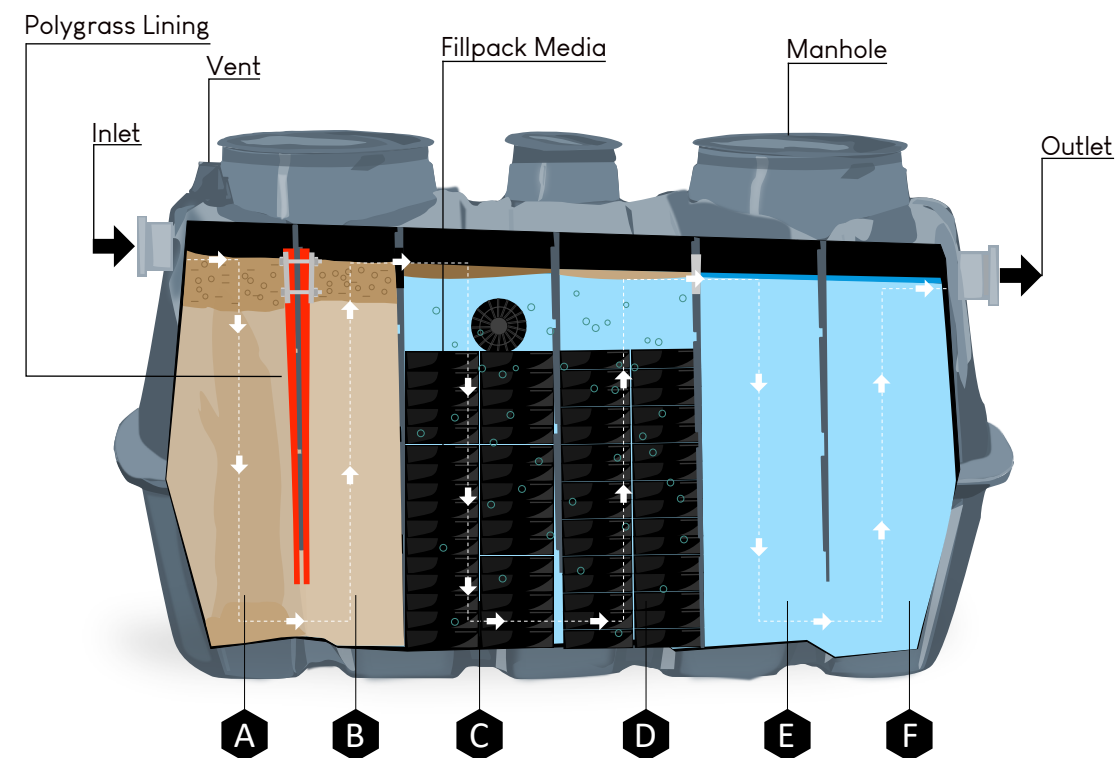
#### Sludge Polishing Reactor

Further promotes anaerobic digestion, aiding in the breakdown of organic matter and facilitating sludge treatment in a bio septic tank

06

#### Settling Tank

Facilitates sedimentation for clear water in the concluding stage of the Bioseptic Tank process



- A Facultative Reactor-I
- B Facultative Reactor-II
- C Anaerobic Reactor -I
- D Anaerobic Reactor -II
- E Sludge Polishing Reactor
- F Settling Tank

FRP  
Made with FRP

No truck is required

6 Chamber Design

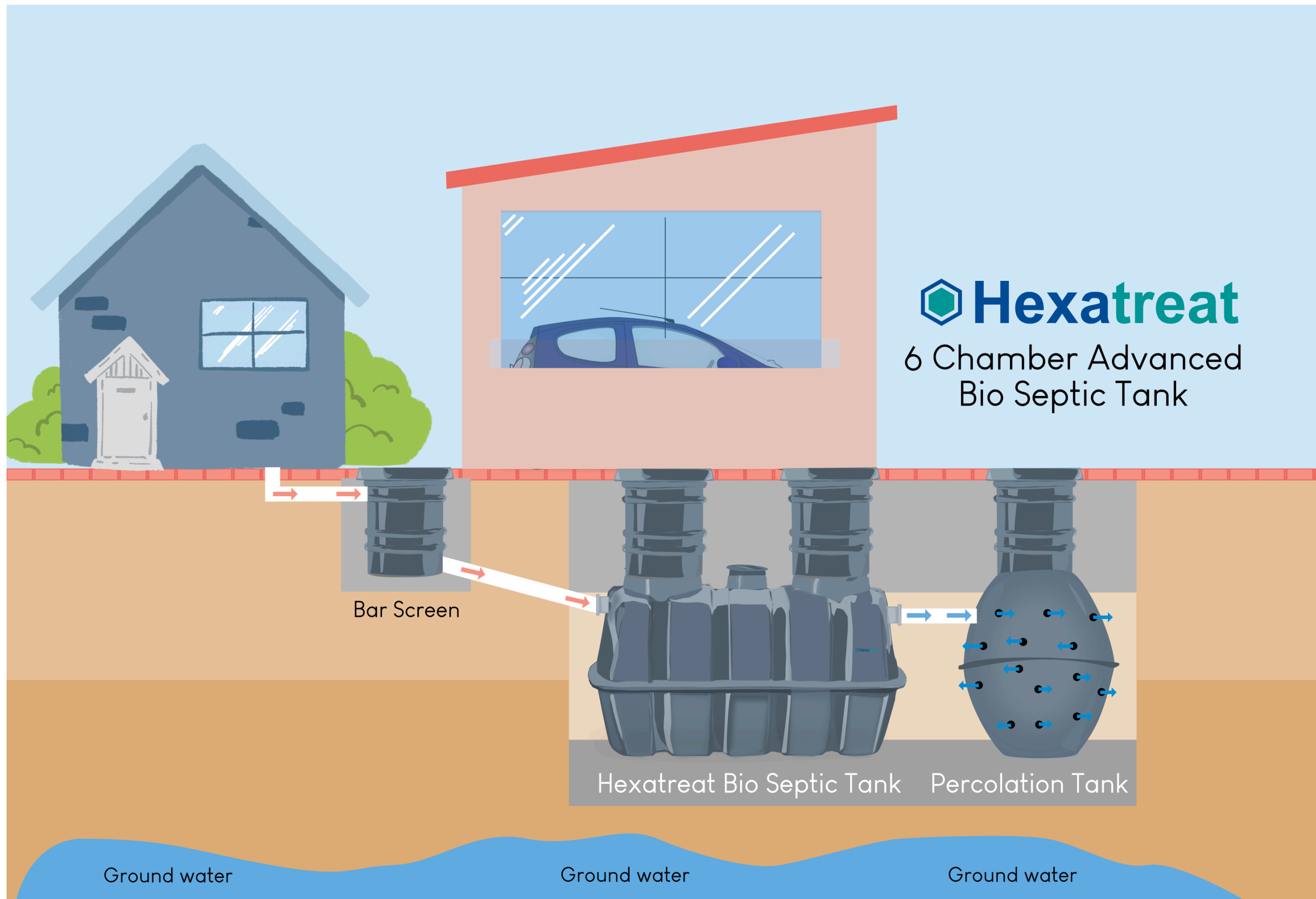
No Solid waste

Anaerobic Biodigestion Reactor Technology

No Leak

Odourfree






# Aquavault


## Domestic Water Storage Tank and Sewage Collection Tank

Aquavault's Water and Sewage Storage Tank is meticulously engineered to elevate water treatment and sewage containment to the highest industry standards. With a commitment to excellence, Aquavault ensures unparalleled efficiency and durability, delivering one of the most cost-effective solutions over its lifetime compared to alternative storage and treatment processes


### Application




Single & Multiple Homes




Small Offices




Public sector




Leisure




Transport




Hospitality




Campsites



Offices



Multi-housing developments




Light Industrial Premises




### Product Benefits


- Dual-Functionality:** Aquavault serves as both a water storage tank and a sewage storage tank, providing a comprehensive solution for water management needs.
- Optimized Storage Capacity:** Designed to maximize storage efficiency, Aquavault ensures ample space for water and sewage storage within a compact footprint.
- Corrosion Resistance:** Constructed with durable materials, Aquavault exhibits excellent corrosion resistance, ensuring longevity and reliability in storing both water and sewage.
- Efficient Water Treatment:** For water storage, Aquavault incorporates features that maintain water quality, ensuring a clean and potable water supply.
- Effective Sewage Containment:** Aquavault's design is tailored to securely contain sewage, preventing leaks or environmental hazards while facilitating efficient disposal or treatment.
- Versatile Applications:** Suitable for a variety of settings, Aquavault adapts to diverse water and sewage storage needs, catering to residential, commercial, and industrial environments.
- Ease of Installation:** Aquavault is designed for easy installation, streamlining the process of setting up both water and sewage storage facilities.
- Cost-Effective Solution:** Offering one of the lowest lifetime costs compared to alternative storage methods, Aquavault provides a financially efficient solution for water and sewage storage.
- Environmental Sustainability:** Aquavault contributes to environmental sustainability by efficiently managing water resources and sewage, aligning with eco-friendly practices.
- Regulatory Compliance:** Aquavault adheres to industry standards and regulations for both water and sewage storage, ensuring compliance and peace of mind for users.




Factory hydro tested



Premium Quality



Leak Proof



30+ Years Guaranteed

Description	BV-1KL	BV-1.5KL	BV-2KL	BV-3KL	BV-4KL
Capacity in Liter	1000	1500	2000	3000	4000
Length (mm)	1700	1750	2000	2800	3750
Width (mm)	1000	1150	1300	1300	1300
Height (mm)	1000	1250	1300	1300	1300
Thickness (mm)	5	6	6	8	8

Note: Larger or smaller capacities are available upon request. Kindly contact us for more information.



# Hexapit

## Domestic Tertiary Filtration System

A percolation pit functions as a filtration step in wastewater treatment systems. It improves effluent quality by facilitating gradual infiltration into the soil after primary treatment in a septic tank, preventing groundwater contamination. It is an essential component similar to a reed bed in a Hexatreat Bio septic tank system.



**Efficient Filtration:** The egg shape promotes efficient percolation of treated effluent into the surrounding soil, enhancing filtration and reducing the risk of groundwater contamination.

**Structural Strength:** FRP provides robust structural strength, ensuring the percolation pit maintains its shape and functionality even when buried underground. This contributes to long-term reliability.

**Space Optimization:** The egg shape allows for optimal use of space underground. It maximizes the pit's capacity while minimizing the area needed for installation, making it suitable for various soil conditions.

**Easy Installation:** The lightweight nature of FRP facilitates easy transportation and installation. The pit can be quickly and cost-effectively placed in the ground, streamlining the overall installation process.

**Low Maintenance:** The self-cleaning design inherent to the egg shape helps prevent clogging and sedimentation, resulting in lower maintenance requirements over time.

**Versatility:** FRP's resistance to corrosion and degradation makes it versatile for use in different environmental conditions, ensuring the percolation pit's longevity and reliability.

**Aesthetic Integration:** The visually appealing egg shape is designed not only for functionality but also for seamless integration into the environment. This can be especially important when the percolation pit is installed in residential or landscaped areas.



Model Reference	HP-1	HP-2
Height (mm)	1200	2400
Width (mm)	1000	1500
Thickness (mm)	5	6

Aesthetically Pleasing and Durable egg shaped Perculation pit

Polymer Concrete manhole





# BioReed+

## Domestic Water Storage Tank and Sewage Collection Tank

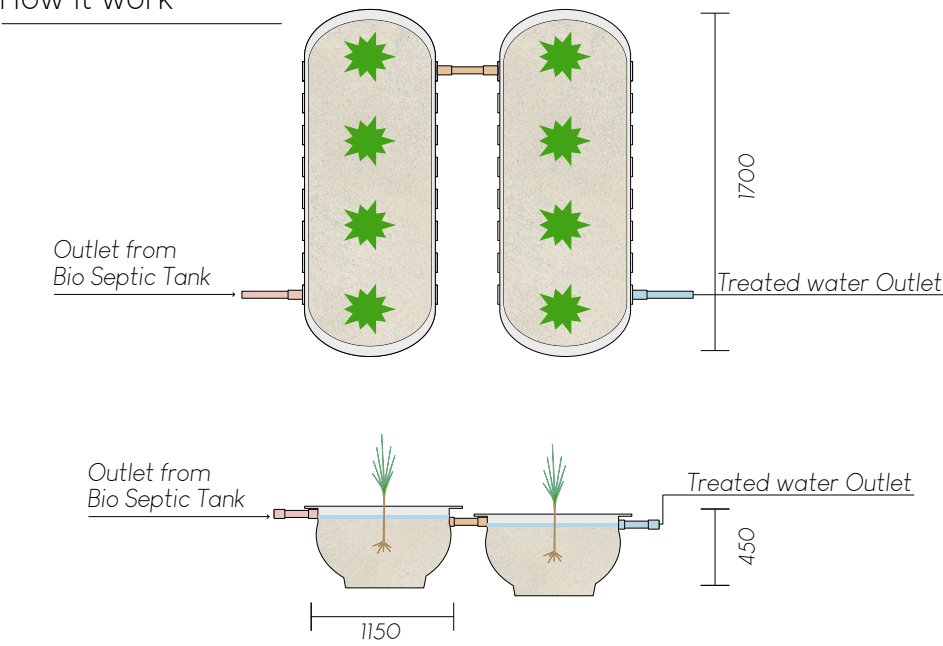
A reed bed is a filtration process used in conjunction with a Hexatreat Bio septic tank system to further enhance the quality of the effluent migrating into a drainage field or surrounding watercourse.



### Product Benefits

- Enhanced Effluent Quality:** Elevate the quality of effluent in existing works, contributing to improved environmental impact and regulatory adherence.
- Minimal Maintenance:** Experience the convenience of very low maintenance, reducing operational burdens and associated costs.
- Aesthetic Appeal and Eco-Friendliness:** Our solution is not just effective but also aesthetically pleasing, blending seamlessly with the environment while maintaining a commitment to sustainability.
- Simple Installation and Maintenance:** Designed for ease, our system is straightforward to install and maintain, offering operational simplicity without compromising performance.
- Significant Performance Boost:** Realize a substantial improvement in effluent discharge, with reductions of at least 50% in both(BOD) and suspended solids, ensuring a cleaner and more responsible wastewater treatment process.

### How it work



Factory hydro tested

Premium Quality

Leak Proof

30+ Years Guaranteed

Model Reference	BR-0.6KL	BR-0.9KL
Length (mm)	1200	2400
Width (mm)	1000	1000
Height (mm)	600	600
Thickness (mm)	5	6







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