



NEW GENERATION

# NON-ELECTRIC SEPTIC SYSTEMS



ALL-IN-ONE COMPACT SOLUTIONS FOR DOMESTIC WASTEWATER TREATMENT

## Non-Electric Septic Systems

# MONOBLOCK

## THE ALL-IN-ONE COMPACT SOLUTION

PLUG-AND-PLAY



### UNIQUE ADVANTAGES

- ✓ Non-Electric
- ✓ Extreme low running costs
- ✓ Totally silent
- ✓ Odourless
- ✓ Ultra-compact and discrete

### SUSTAINABILITY HIGHLIGHTS

- ✓ Long lifespan BIOROCK Media
- ✓ Low carbon footprint
- ✓ Minimum annual maintenance
- ✓ Long Septic Tank pump out

#### PRIMARY TANK

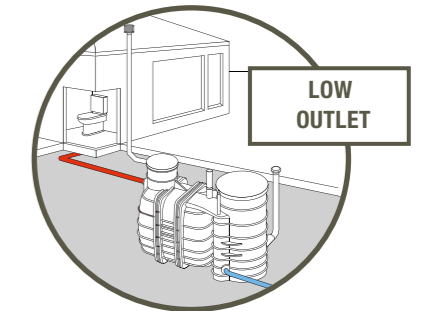
Clarifies the wastewater coming from the residence by retaining oils, fats, greases and organic solids. The water passes through an effluent filter before discharging into the BIOROCK reactor.

#### BIOREACTOR

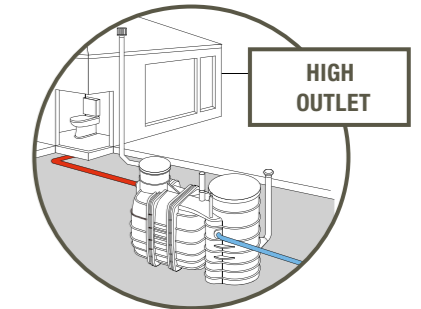
The BIOROCK Media in the Bioreactor treats the wastewater naturally with an aerobic digestion process (Secondary Treatment) and a filtration process (Tertiary Treatment).

## 2 DISCHARGE OPTIONS

### 1 BIOROCK® Gravity Discharge



### 2 BIOROCK® Pumped Discharge



Our high-level discharge is equipped with a reliable, high quality, pump kit. This kit is delivered pre-assembled for ease and speed of installation. Intermittent operation by float switch.

#### BIOROCK® MEDIA

The wastewater percolates through the filtering media. The BIOROCK Media is a very effective carrier material for bacteria. The BIOROCK media is highly resistant to degradation and remains extremely stable over a long term.

**The BIOROCK Media is 100% recyclable**

Since 1988, BIOROCK has become an internationally acclaimed and experienced leader in the field of onsite and decentralized Non-Electric Wastewater Treatment Technologies for residential and commercial sectors.



**More BIOROCK Systems available from 4 to 300 persons!**

Please contact us for more information:  
[info@biorock.com](mailto:info@biorock.com)



25 YEARS ON TANKS\*  
 10 YEARS ON MEDIA\*

\* Subject to conditions, contact us for details



## BIOROCK® versus Traditional

BIOROCK provides a revolutionary and efficient system when compared with all other Wastewater treatment brands available today.

FACTS	BIOROCK®	Traditional units
Non-electric*	Yes	No
Silent & odourless	Yes	No
Handles intermittent loading	Yes	No
Handles absence periods	Yes	No
Septic tank conversion unit*	Yes	No
Low maintenance	Yes	No
Low operational costs	Yes	No

\* Subject to site conditions

## Significant savings

through very low maintenance and running costs



**No energy costs for the treatment process**



**Long emptying intervals of the primary tank: 3 - 5 year only**



**Minimal maintenance and repair costs.**  
 Not prone to failure. No breakdowns, thus no need for expensive spare parts.



**Save up to € 400,- per year \***

\*compared to a conventional wastewater treatment plant

**All BIOROCK® systems are delivered complete and pre-assembled for ease of installation.**



[biorock.com](http://biorock.com)