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

**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
   - LOW OUTLET

2. BIOROCK® Pumped Discharge
   - HIGH OUTLET

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.
BIOROCK® versus Traditional

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

<table>
<thead>
<tr>
<th>FACTS</th>
<th>BIOROCK®</th>
<th>Traditional units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-electric*</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Silent &amp; odourless</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Handles intermittent loading</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Handles absence periods</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Septic tank conversion unit*</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Low maintenance</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Low operational costs</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

* 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.