

BIOROCK® Bezenergetické ČOV

Sewage treatment



Neelektrické



Prevádzka 0,- €



Bezhluchné



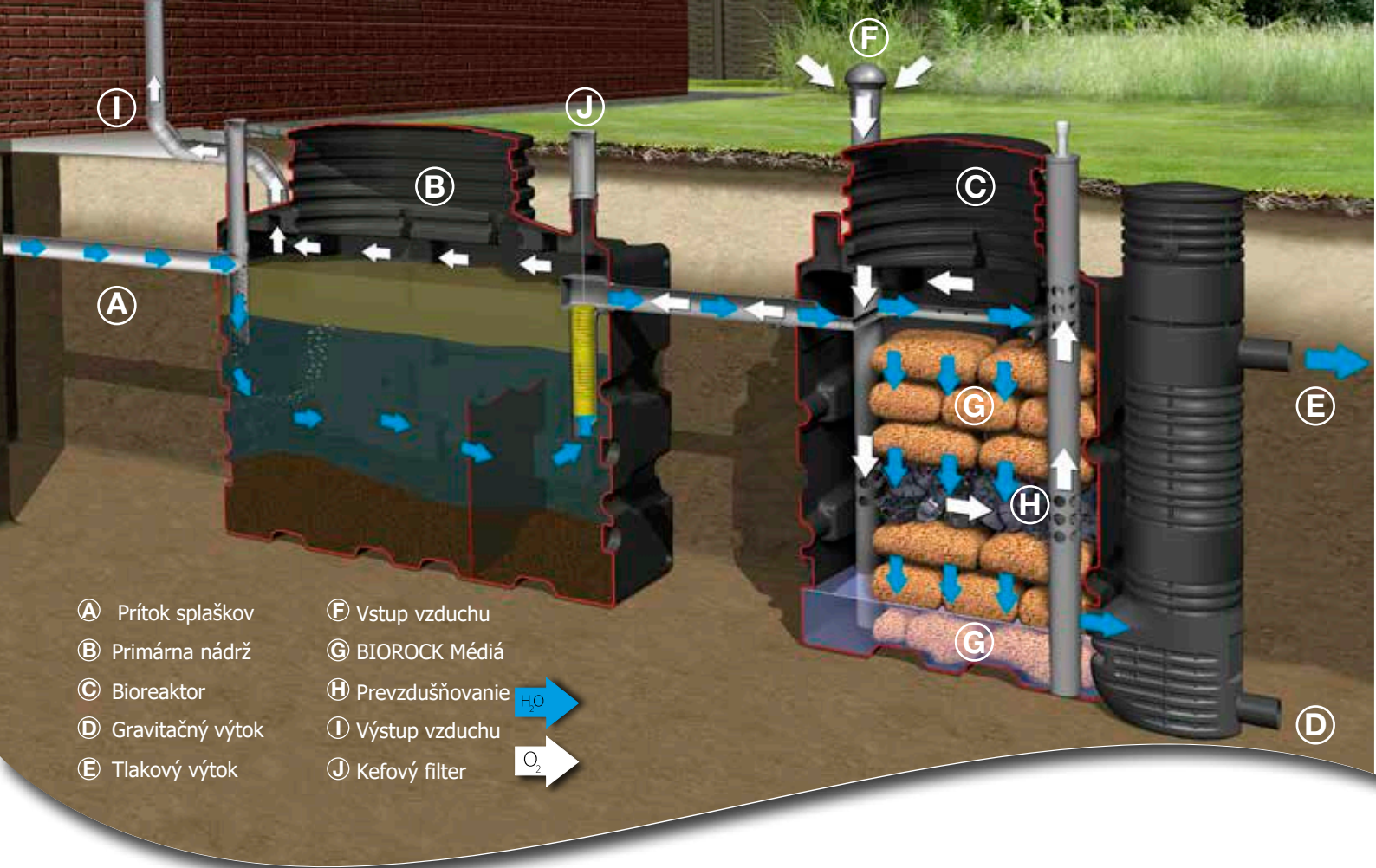
Bezzápachové



Uhlík. stopa 0



BIOROCK
sewage water treatment



Unique advantages

BIOROCK provides a revolutionary, efficient and reliable compact wastewater treatment solution. Very compact, our systems are free from any blower or air diffusers. They don't need any electricity for the treatment process, leading to minimal maintenance and repair costs, the lowest operational costs and the longest desludge intervals.

These unique advantages lead to significant costs savings for the user compared to conventional wastewater treatment plants, as the reliability of the system is maximized with no possible breakdowns thus no need for expensive spare parts. The superb purification results produced by BIOROCK have placed our systems in a leading position when compared with older & traditional wastewater treatment techniques.

The BIOROCK® systems are delivered 'complete' and pre-assembled for ease of installation.

5HROiWHKROyD

- ✓ Výmena / modernizácia septika
- ✓ Neelektrický proces istenia odpadových vôd
- ✓ Doba spustenia do 24 hodín
- ✓ Dlhé obdobie neprítomnosti je prijateľné

Jedinečné výhody

- ✓ Úplne ticho
- ✓ Nízke prevádzkové náklady
- ✓ Veľmi nízka údržba
- ✓ Dlhý interval upadania

Udržateľnosť

- ✓ Vynikajúca kvalita vyistenej vody
- ✓ Nízka uhlíková stopa
- ✓ Ekologický materiál, vyrobený lokálne a recyklovateľný

FACTS

TRADITIONAL VERSUS BIOROCK

Non-Electric purification process

Traditional units

BIOROCK

Silent & Odourless

Handles Intermittent Loading

Handles absence periods

Handles most household cleaners

Handles power failure

Septic tank conversion unit*

Intensive maintenance

High sludge production

High operational costs

NO

NO

NO

NO

NO

NO

NO

YES

YES

YES

YES

YES

YES

YES

YES

YES

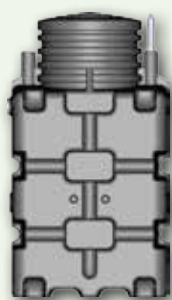
YES

NO

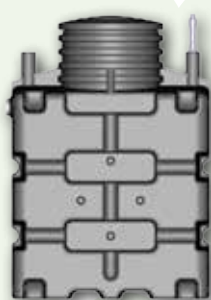
NO

NO

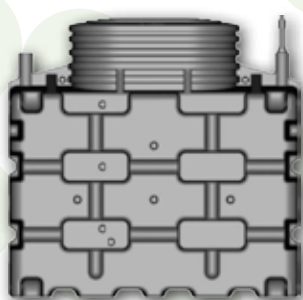
The BIOROCK® range of sewage treatment plants



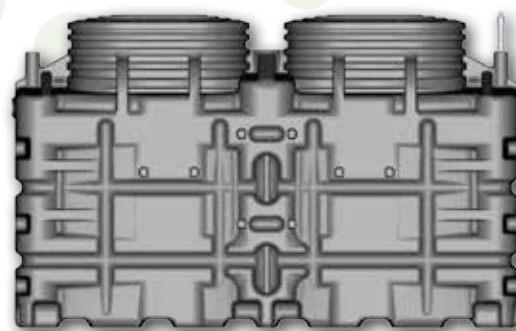
ECOROCK-1500



ECOROCK-2000



ECOROCK-3000



ECOROCK-5000

	ECOROCK-1500	ECOROCK-2000	ECOROCK-3000	ECOROCK-5000
Capacity in P.E.	4/6 p.e.*	10 p.e.*	15 p.e.*	30 p.e.*
Capacity in litres/day	600/900	1500	2250	3750
Material	HDPE	HDPE	HDPE	HDPE
Length	1150 mm	1450 mm	2150 mm	3550 mm
Width	1150 mm	1150 mm	1150 mm	1150 mm
Height unit (max.)	2100 mm	2100 mm	2100 mm	2175 mm
Weight (empty)	186 kg	223 kg	297 kg	625 kg
Δ in- & outlet pipe	1098 mm	1098 m	1098 mm	1213 mm

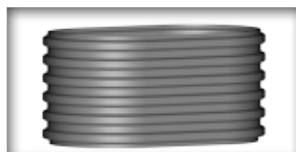
Purification results BIOROCK®

Tested conform EU Norm EN 12566-3 + A2		
BOD ₅	4 mg/l	99%
COD ₅	26 mg/l	96%
S.S.	3 mg/l	99%

More results are available upon request

*The capacity of the individual ECOROCK-5000 unit can be increased if the required effluent quality is of a lower standard than the results, achieved during the EN-12566-3 Performance test. "

Options BIOROCK



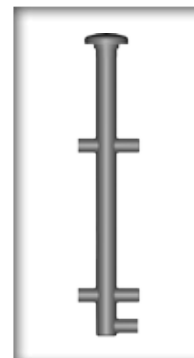
Extension set ø 700 x 1200 mm



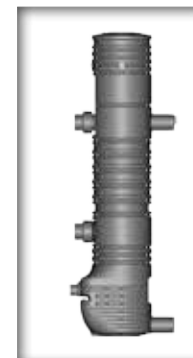
Extension set ø 400 mm



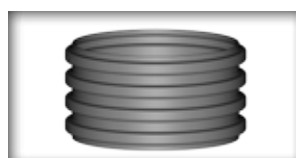
Mechanical fan ø 110 mm



Sampling pipe ø 160 mm



Pumping well ø 400 mm



Extension set ø 700 mm



Effluent filter for primary tank



Clips for above ground installations

Our support

- A brand with strong values
- Access to licensed products
- Daily support by our team of professionals
- Excellent hands-on trainings
- Warranty: 25 years on tanks / 10 years on BIOROCK media*

*subject to conditions, contact us for details



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BIOROCK certified professional
and be part of our network:
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