



Small wastewater treatment system with **floating vortex bed**
Moving Bed Bio Reactor

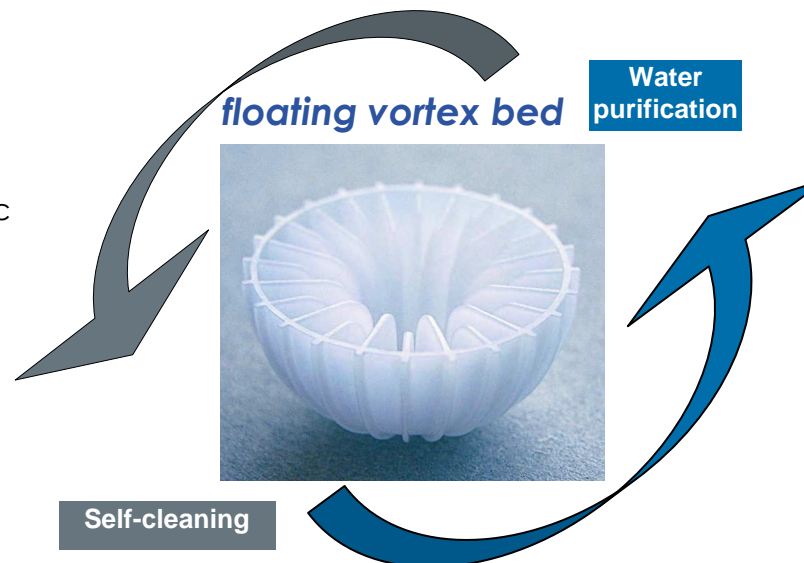
from 4 to 50 PE – **CE** EN 12566-3 compliant

- Small and compact system
- No septic tank needed
- Integrated grease trap (domestic use)
- Cylindrical tank of self-compacting concrete (SCC) with T-shaped separation; water tightness guaranteed between the different compartments
- In- and outlet are situated on the same side => longer retention time
- Suitably adapted and watertight connection pieces
- Several loading classes possible



- No electrical parts in the tank
- Electronic system control i-Clear
- Simple, reliable, functional and easy to work with
- Starts up automatically
- Simple electrical wiring
- Ready-to-use electro-mechanical components
- Very fast start-up
- Visual control system
- Integrated test program

- Excellent purification results
- Intermittent aeration => significant energy reduction
- Carrier material with very large specific surface : 450 m²/m³
- Peak load resistant
- Low sludge production => de-sludge less frequently
- Self cleaning carrier material
- Easy access to aeration equipment



PERFORMANCE RESULTS

Ecobeton Water Technologies N.V.
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Belgium

EN 12566-3, Annex B
Small wastewater treatment systems for up to 50 PT

ECO PURE Compact

Nominal organic daily load	0.23	kg/d
Nominal hydraulic daily load	0.90	m ³ /d
Material	concrete	
Treatment efficiency (nominal sequences)	COD	86.4 %
	BOD ₅	92.9 %
	SS	93.2 %
Electrical consumption	1.3	kWh/d

Performance tested by:

PIA - Prüfinstitut für Abwassertechnik GmbH
(PIA GmbH)
Hergenrather Weg 30
D-52074 Aachen

Certified according to
ISO 9001:2000



Notified Body number: 1739 

This document replaces neither the declaration
of conformity nor the CE marking.

Prüfinstitut für Abwassertechnik GmbH
Elmar Lancé
geprüft - tested - teste

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