



Percolation Supplies

Killelan, Castlebridge, Co. Wexford.

Mobile: (086) 2600438 Email: wquaid@gmail.com

*Percolation, wastewater, rain harvesting systems
and solutions, we operate throughout Ireland
COMMERCIAL AND DOMESTIC*

“YOUR EARTH OUR SOLUTIONS”



Both plastic and concrete BAF wastewater treatment systems



www.septicsystems.ie

Klargester Bioficient +



Key benefits:

- Suitable for shallow dig installations
- Robust and lightweight design
- Easy and affordable installation requiring only a small mini digger
- High performance, efficient BAF treatment technology
- Low power consumption
- Minimum visual impact
- An extension neck is available to allow for deeper installation on difficult sites
- A modern design with ease of access for desludging through a wide neck
- Tested and approved to current Irish regulations EN12566 and SR66.
- Gravity or pumped outlet
- Comes with control panel and alarms on pumps
- Comes in two sizes

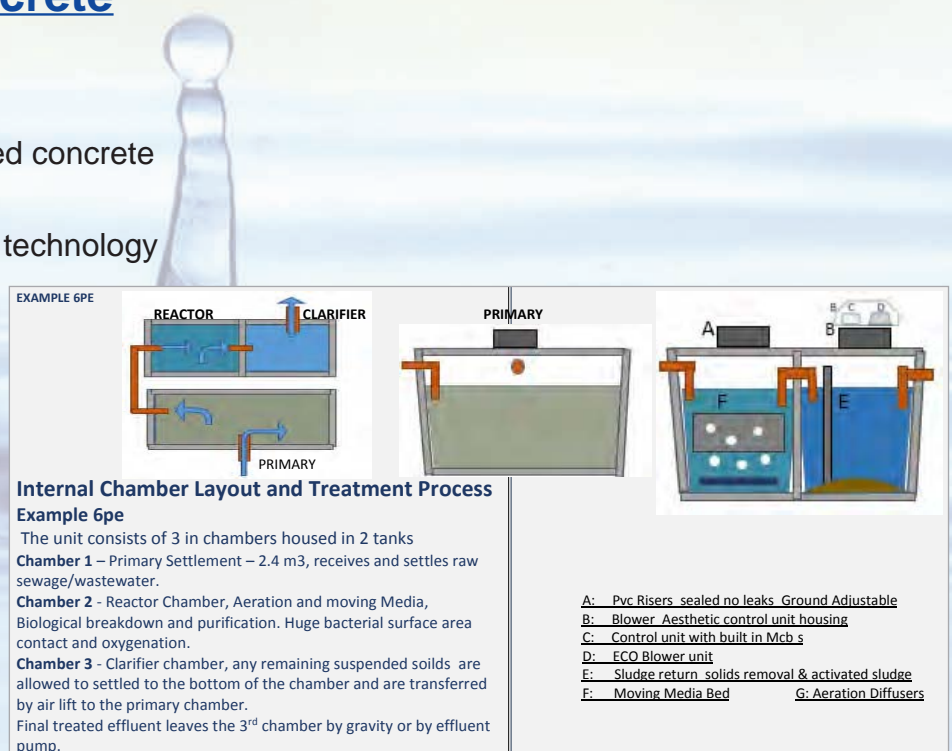


Model	Population Equivalent	Capacity (litres)	Diameter (mm)	Length (mm)	Standard Inlet Invert (mm)	Standard Outlet Invert (mm)	Standard Overall Height (mm)
BioFicient+ 6 PE	6	3580	1690	2480	500 1500	600 1600	1920 2990
BioFicient+ 10 PE	10	5585	2010	3189	500 1500	600 1600	2245 3245

Eurotank BAF Concrete

Key benefits:

- Strong 45N fibre reinforced concrete
- 4 to 500 PE size tanks
- German engineered BAF technology
- Low energy requirement €167 per year
- Ideal for difficult site conditions
- Tested and approved to current Irish regulations EN12566 and SR66.
- Gravity and pumped outlets
- Audible alarms for pump failure



Septic Tanks

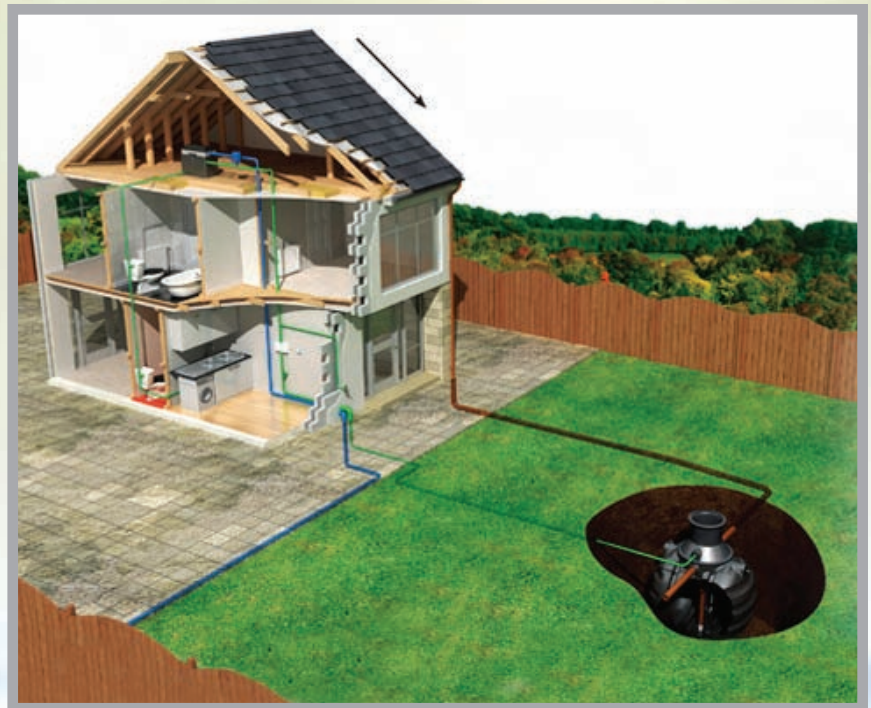
We supply plastic or concrete septic tanks with Bristle filters and Distribution boxes

- EN certified
- With or without pump chambers



Rainwater Harvesting Systems



We supply the kingspanwater portfolio of rainwater harvesting products, they offer economical solutions for water conservation in the home and garden, give us a call and we can go through the various products on offer.



Wastewater Management Experts

Rainwater Harvesting Systems

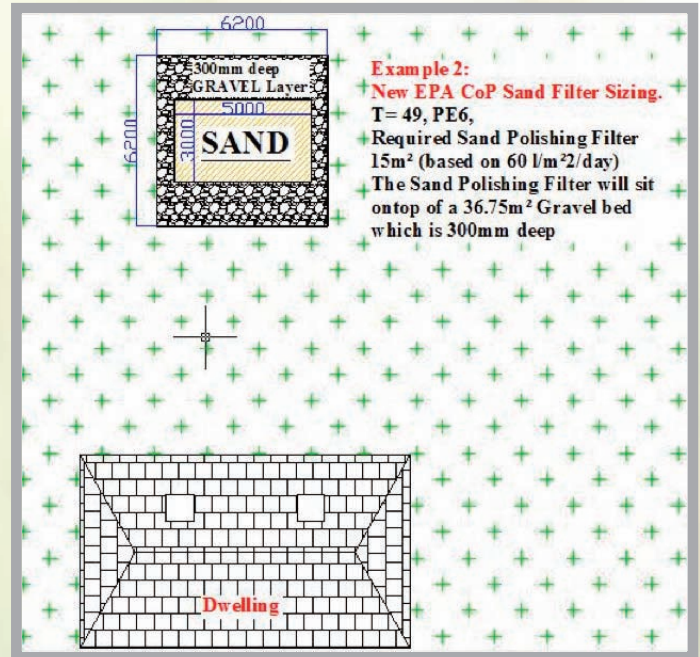
Designed to suit any commercial or domestic build



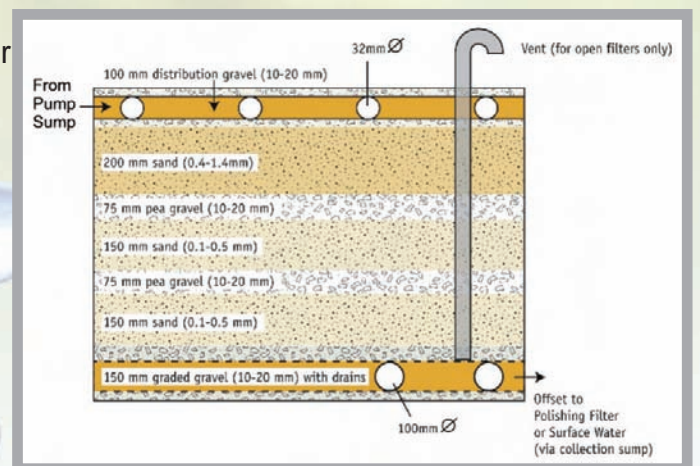
Biosand Filters

Key benefits over soil polishing filters:

- Small footprint (ideal for tight sites) 10 times smaller than raised soil filters.
- Cheaper and easier to install than soil filters 1 load of sand versus 10 loads of soil.
- No soil testing uncertainty (sand comes manufactured and independently tested)
- Long life span over 40 years used in the US sand does NOT need to be replaced
- Highest final effluent quality of all Tertiary treatment systems on the market.
- Recently EPA approved attenuation stone area for poorer soil sites.
- Our Biosand Filters are ventilated to let air in for the bio process.
- Capacity to deal with large amounts of effluent ie Schools, nursing homes etc.



Sizing of sand filter attenuation area using PE and soil T value.



Stratified sand filter



Biosand filter using plywood for underground filters



Biosand filter using reinforced plastic panels for overground installations

Biosand

We supply non crushed silica sand from natural sand deposits which is round in shape. Our sand is in use for over 15 years and has proven to stand the test of time.

Key benefits of our biosand

- Independently tested by an accredited certification house
- Both grades for stratified sand filters and intermittent filters
- Complies with EPA code of practice table 10.2, 2009.
- Constant research and development
- Round in shape to prevent any clogging
- Regular in house testing to ensure D10 and (UC) uniformity coefficient.
- Hard Sand (sands high in silica are high on the Moh scale)



Biosand bags



Biosand

Low Pressure Pipe Networks

Can be supplied in a kit or to order

- Site specifically designed using Usepa.
- Orifice formulae.
- Flushing System-Easy access for maintenance.
- Design proposals and Certification.
- Supplied with coloured coded pipework and easy to fit diagram



300 sqm. soil polishing filter
low pressure pipe network

Replacement parts for waste water treatment systems

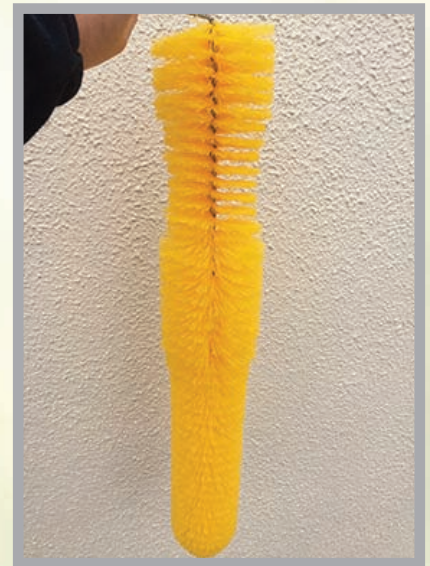
We supply replacement parts for all makes of treatment systems including, air pumps, effluent pumps, pump stations, media, diffusers, bristle filters.



Effluent pumps



Air blower pumps



Bristle filter



***Percolation
Supplies***

Killelan, Castlebridge, Co. Wexford.

Mobile: (086) 2600438

Email: wquaid@gmail.com

www.septicsystems.ie

