



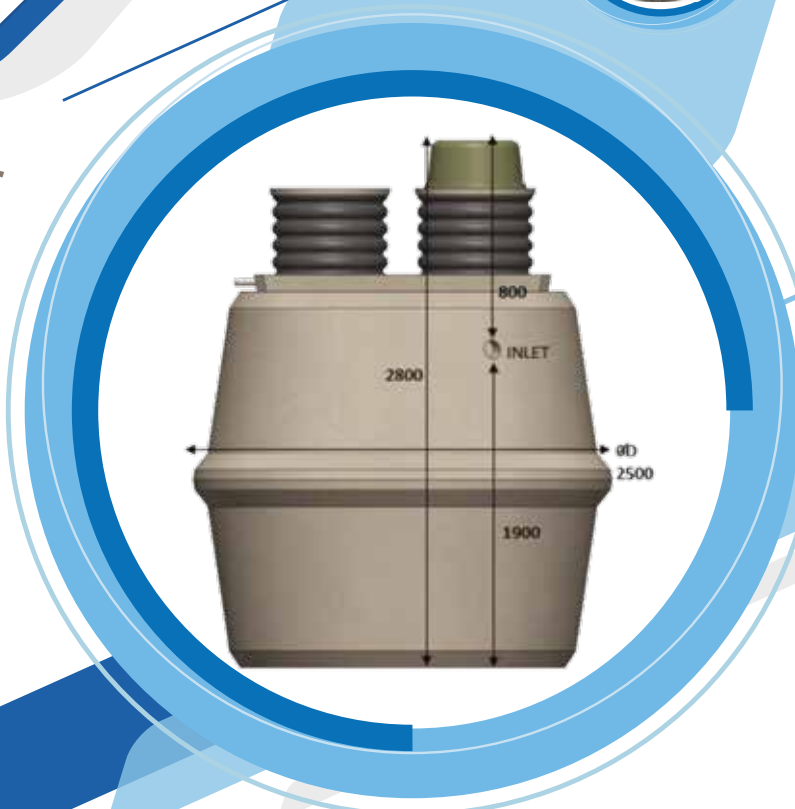
# BAF2 Secondary Wastewater Treatment System

### Description:

Eurotank BAF2 is a very strong Concrete, Economical, Efficient, Wastewater / Sewage Treatment System for use in domestic housing and commercial applications.

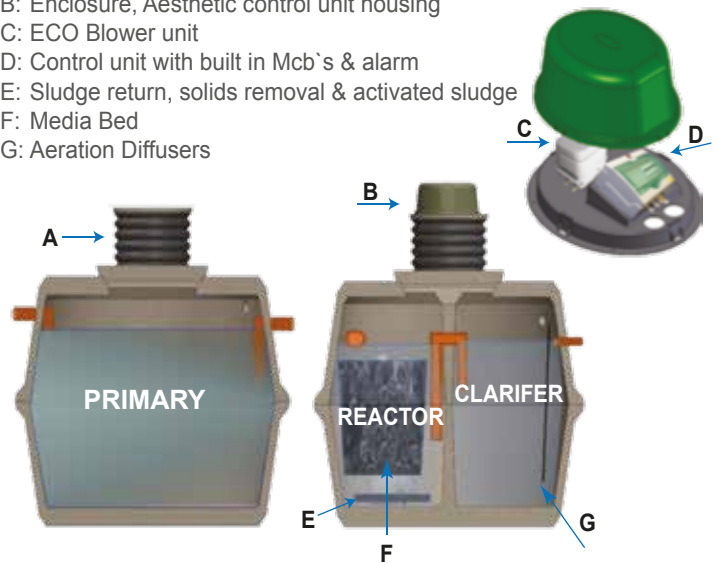
The system is **En12566/3 & NSAI SR66 Certified** as listed on Pia Gmbh for Irish Use. Eurotank BAF uses Moving Bed Technology in a 3 stage Biological Aeration Filtration process as a very simple method of treatment with great effluent quality. The range comprises various tank sizes, comes fully built and delivered with a lot of installation advantages.

Full after-sales service nationwide service.



Population Equivalent PE	6 TO 50 Tank configurations for 6, 12, 25, 50 and up to 300
Certification	By Pia Gmbh To En12566/3 SR66 as listed for Irish use. (ATTACHED)
Effluent Quality	BOD5 - 11 mg/lt <20mg/l required SS - 12mg/lt <30mg/l required NH4-N - 6.2 mg/lt <20mg/l required Exceeding Irish Requirement
Electrical Consumption -Cable -Protection	1kWh/D 2.5mm2 x 3 core SWA (up to 100m run) RCD 16 amp,230v ,30ma ,Bs 4293 standard
Alarm	Audible for Pump Failure
Outlet	Gravity or Pumped

- A: Pvc Risers, sealed no leaks, ground adjustable
- B: Enclosure, Aesthetic control unit housing
- C: ECO Blower unit
- D: Control unit with built in Mcb's & alarm
- E: Sludge return, solids removal & activated sludge
- F: Media Bed
- G: Aeration Diffusers



### Internal Treatment Process & Chamber Layout:

#### The Process has 3 Functions Housed in 3 Chambers

Chamber 1 – Primary settlement chamber, receives raw Sewage and Wastewater & settle solids.

Chamber 2 – Reactor, Biological treatment with use of aeration and high spec Fluidised Media

Chamber 3 – Clarifier, any remaining solids are allowed settle and are returned to primary chamber to aid activated sludge process.

Final Effluent leaves chamber 3 Via gravity or float switched pump.

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