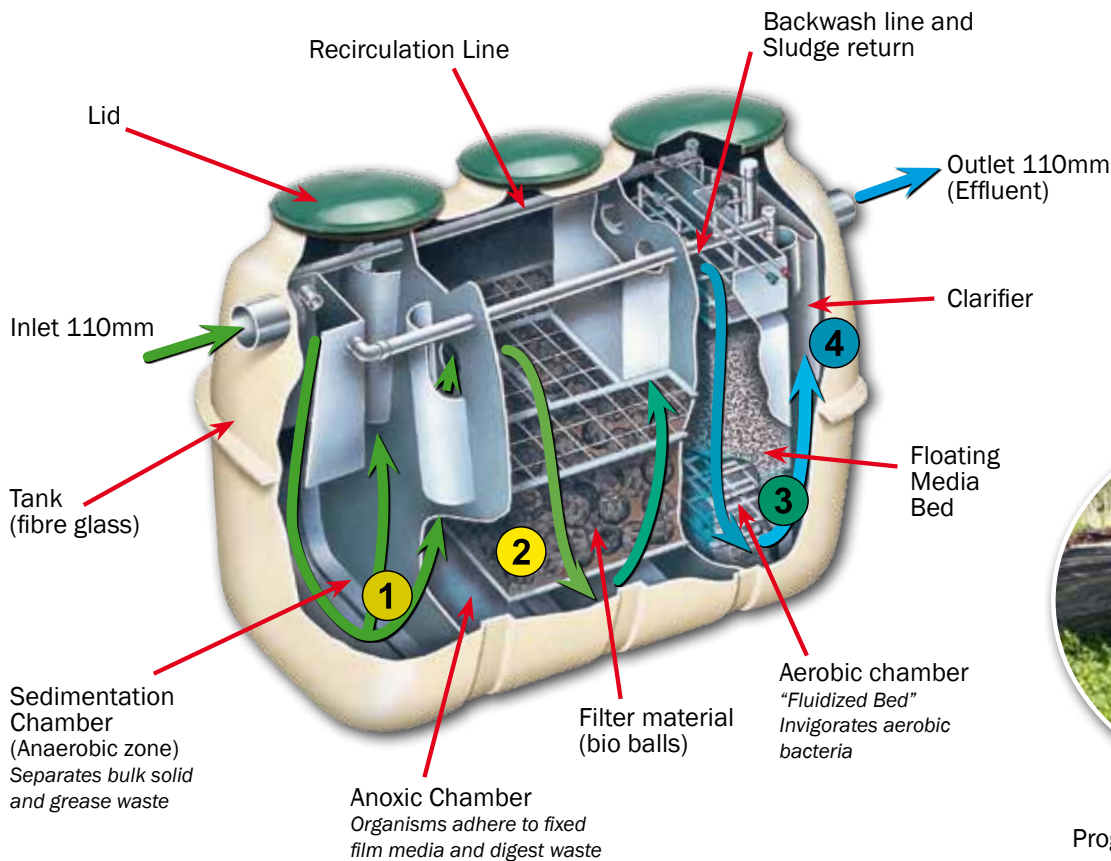


Fusion Series Waste Water Treatment

The Fusion is a factory-built activated sludge sewer treatment plant.



Control Panel

- Monitors the system 24/7
- Warning light and siren will notify user if a problem occurs



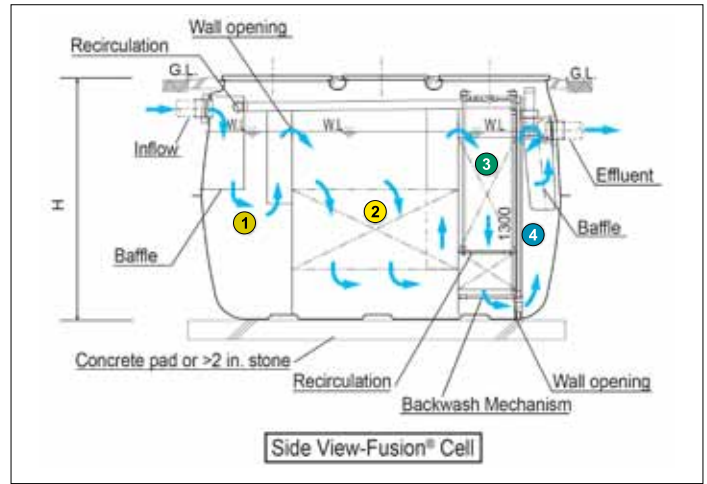
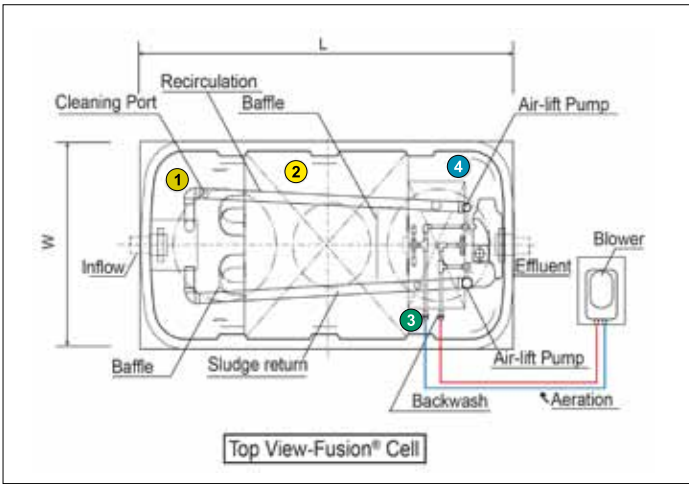
Programmable Blower
 Feeds oxygen to aeration chamber and powers recirculation/sludge return



Clarus Fusion ZF2400 final grade, Barloworld Maputo



- **Low power consumption**
- **Single tank construction**
- **Tank installed completely underground**
- **Low noise factor**
- **Easy installation**
 - **Low maintenance**
 - **No downtime during service / maintenance**
 - **Alarm panel – self monitoring**
 - **Full nitrification / de-nitrification cycle**
 - **Effluent meets South African DWA General Std**
 - **Small Footprint**
 - **Solar options available**



Application:

- Residential sewer
 - Commercial wastewater secondary treatment
- Waste strength reduction:
- <75 mg/l COD
 - <25 mg/l TSS

Material:

All materials are noncorrosive in the septic environment.

Easy to install or retrofit:

Fusion Series Treatment Systems are compact, efficient, and designed to be installed in a typical residential/commercial environment.

Proven Technology:

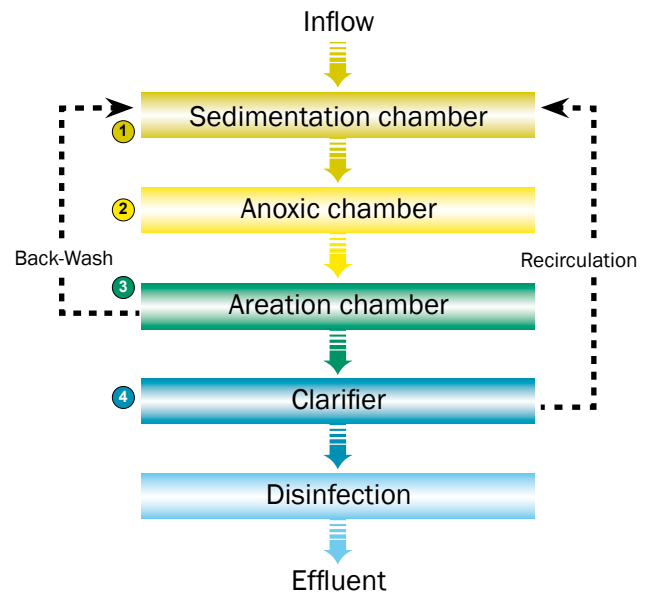
Fuji Clean Co., LTD initially developed their wastewater Jokaso treatment system in 1969. With decades of refinement, the Clarus Fusion Series Treatment Systems have been optimized to treat residential waste.

Maintenance:

System will be provided with maintenance contract information. Maintenance provider is dependent upon geographical location. 6 Montly service required.

Disinfection:

Chlorine / UV / Ozone



Available models

Clarus Model	Litres per day Black & Grey Water Combined	Number of people (based on 150 litres per person per day)	Length (mm)	Width (mm)	Height (mm)	Power consumption (Watts) Excluding disinfection
ZF-450	1700	10	2000	1100	1600	60
ZF-600	2250	15	2500	1250	1700	60
ZF-800	3000	20	2500	1450	1850	60
ZF-1120	4200	27	3600	1650	1950	120
ZF-1440	5400	25	3750	1800	1950	124
ZF-2000	7500	50	4150	1950	2200	160
ZF-2400	9000	60	4200	2150	2120	261
ZF-3200	12000	80	4600	2250	2400	285
ZF-4000	15000	100	4750	2450	2550	336

Aquest
Cell: 082 564 9508
 cvanschajk@aquest.co.za
 www.aquest.co.za