

Advanced Wastewater Treatment System

FujiClean CE-1500EX AWTS



Sedimentation Chamber

Anaerobic Filtration Chamber

Aerobic Contact Filtration Chamber

Clarification Chamber

Pump Chamber

Australian Standard

AS/NZS 1546.1
Lic SMK21992
AS/NZS 1546.3
Lic SMK21993
SAI Global



10
EP

1,500
L/day

Advanced
Secondary

The FujiClean CE-1500EX Aerated Wastewater Treatment System successfully treats all household wastewater to advanced secondary quality, enabling the recycled water to be used for lawn & garden irrigation.



COMPACT

- Lightweight single tank design
- Minimal footprint
- Visually discrete installation

EFFICIENT

- Light weight transport & installation
- Low operation and running costs (47W Blower)
- Minimum maintenance requirements

RELIABLE

- Proudly manufactured in Australia
- Effectively handles shock loading
- Dependable quality & performance

SAFE & SECURE

- Produces high quality treated effluent
- Treatment process contained inside the tank
- Alarm monitor protection

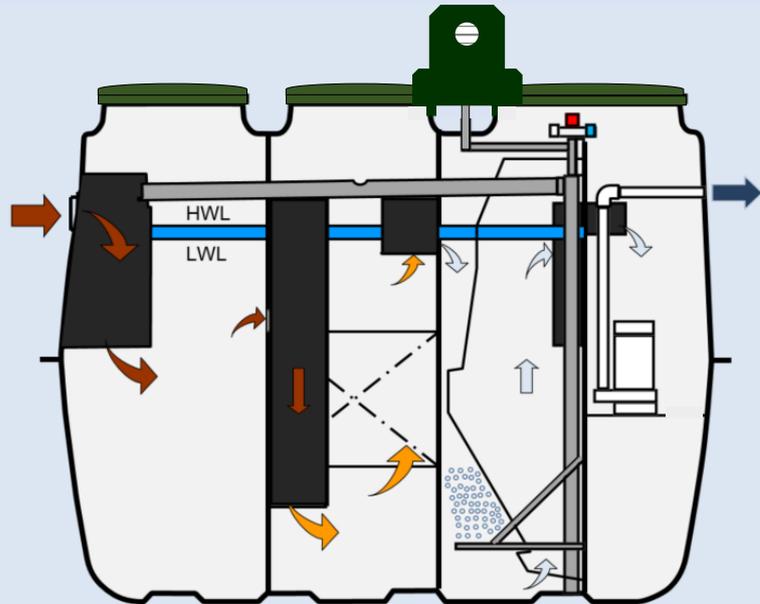
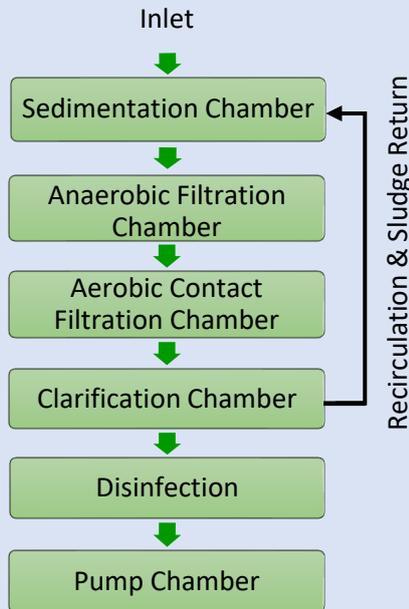
SUSTAINABLE

- Extended service life - 15 years minimum
- Reuse all water for garden and lawn irrigation
- Minimal environmental impact

PROVEN DESIGN

- 50 Years experience with wastewater treatment
- Continued research & development
- 50,000 installations per year worldwide

FujiClean Treatment Process & Flow Diagram



NOTE: The 6 stage treatment has been developed by FujiClean & is known as: Contact Media Filtration Process - CMFP

Warranty

Structural Tank 15 years

Electrical Components 2 years

Treatment: Advanced Secondary

BOD <10mg/L

SS <10mg/L

E.coli <10cfu/100ml

Nutrient Removal

54% Nitrogen Reduction

87% Phosphorus Reduction

NOTE: The FujiClean CE-1500EX is approved for use in all states and territories of Australia.

System Dimensions

Weight (empty)	430kg
Length	2,510mm
Width	1,440mm
Height – No risers	1,870mm
Height – 300mm risers	2,170mm
Height – 500mm risers	2,370mm
Inlet Invert Options	500, 800 or 950mm
Inlet Pipe	100mm dia
Outlet Pipe	40mm dia

Working Capacity

Sedimentation Chamber	1,114L
Anaerobic Filtration Chamber	982L
Aerobic Filtration Chamber	580L
Clarification Chamber	281L
Pump Chamber	308L
Total Working Capacity	3,265L
Emergency Storage	1,094L
Total Volume	4,359L
Aeration – MAC80 (47W)	80L/min