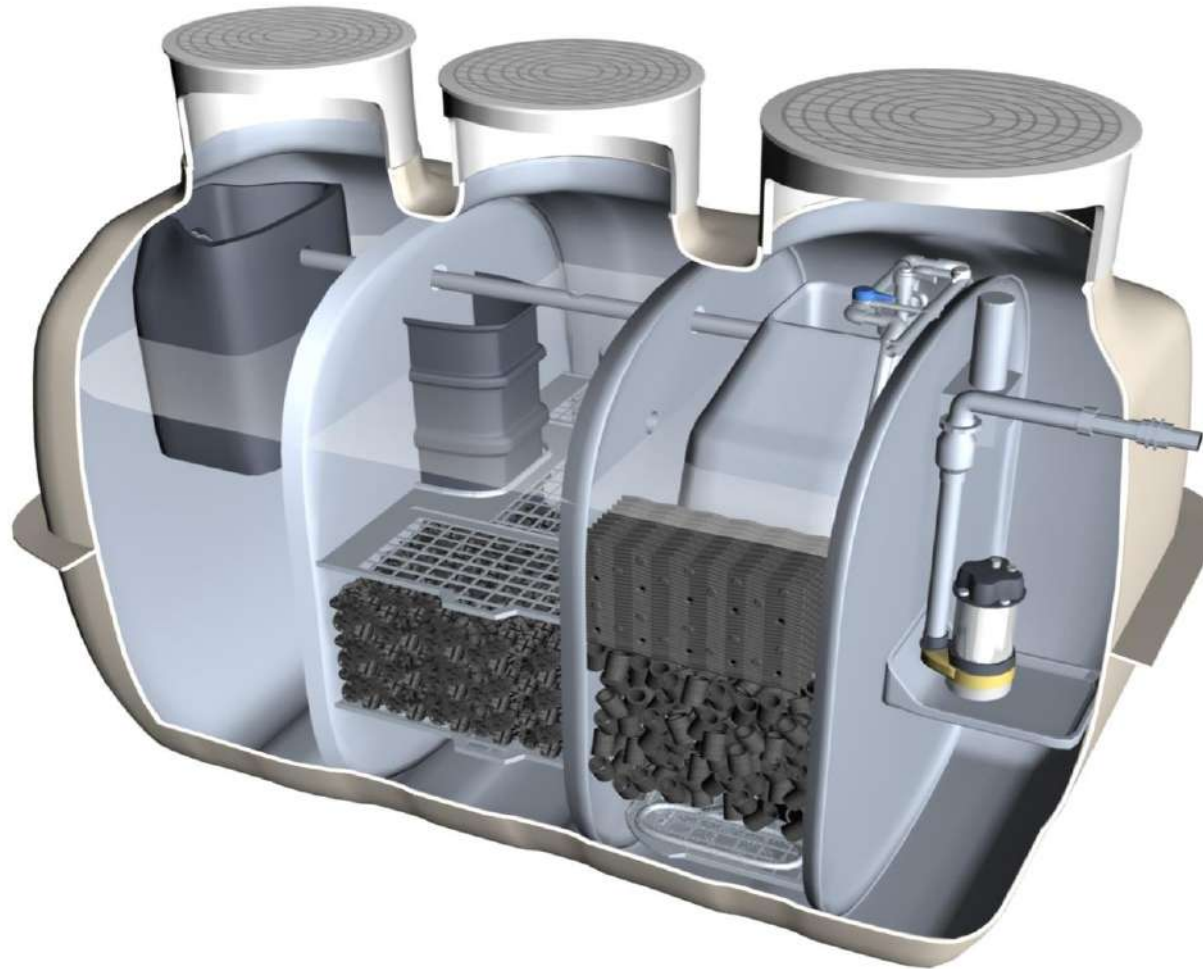


Introducing Fujiclean CE1500EX proudly manufactured in Australia
by Fujiclean Japan the worlds largest Wastewater Company



Fujiclean Japan Company Quick Facts

- Founded in Japan in 1961 - 50 Years in the Wastewater industry.
- 500+ Staff and 30+ Full Time R&D staff –consisting of Chemical engineers, Nuclear Physicists, Biochemists and Scientists
- 50,000+ wastewater systems sold and installed per year
- Over 2,500,000 (2.5 Mil) Fuji Clean systems installed
- 90,000+ Blowers manufactured and sold per year.



Manufacture - Quick Facts

- ❖ Outer Shell – 2 piece Fibreglass construction
- ❖ PE (Poly Ethylene) – recycled plastic internals
- ❖ All internal components Chemically balanced – will NEVER deteriorate
- ❖ No Moving Parts in system therefore -
Less breakdown or part failure.



What does this mean for You?

- ❖ Very economical to run
- ❖ Reliable, proven system over 50 yrs
- ❖ Simple and easy to Maintain – Less hassle
- ❖ Minimal service costs.
- ❖ Simple but technically advanced treatment process ensuring ease of operation and minimal chance of breakdowns.



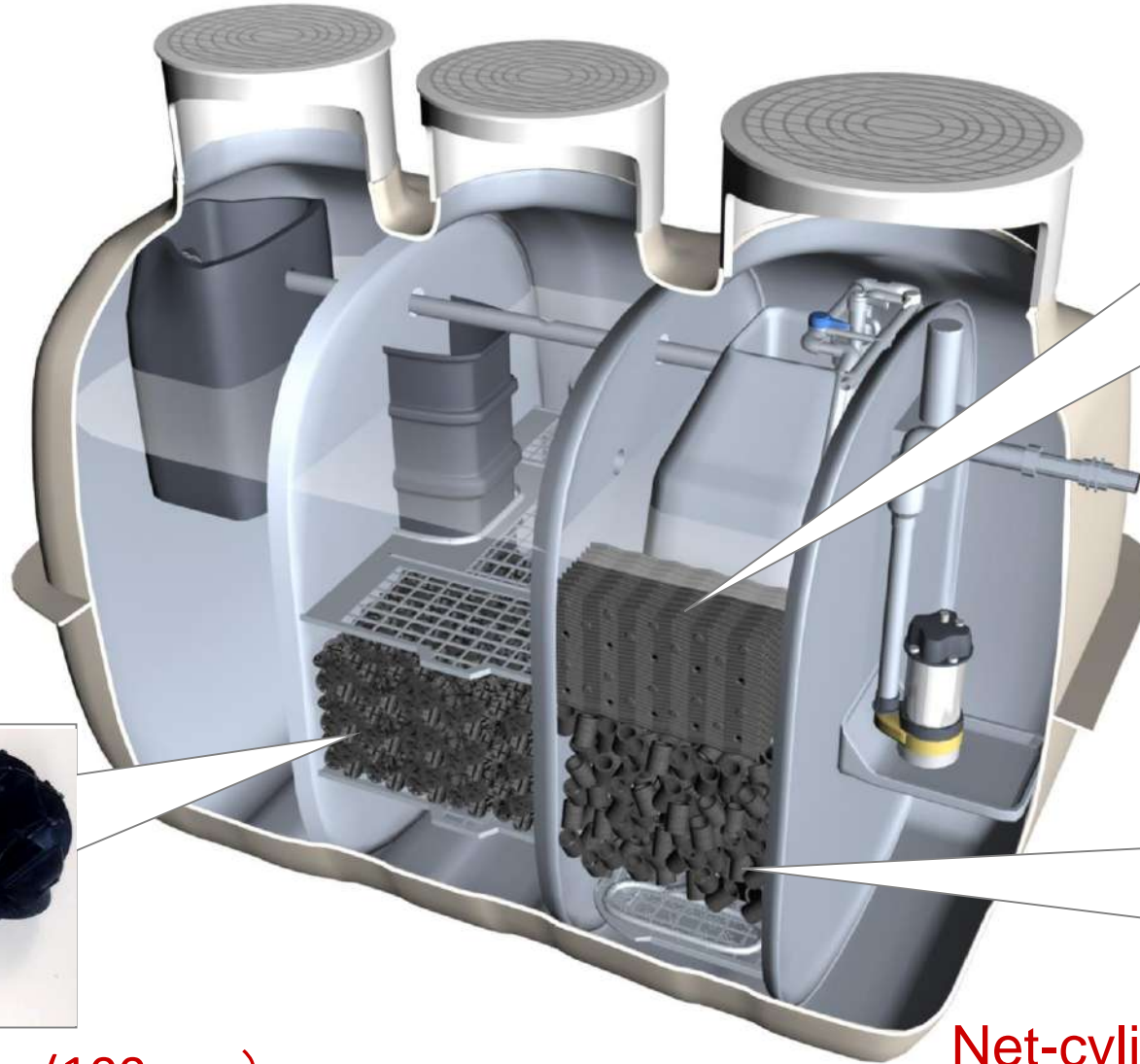
Benefits - continued

- ❖ Highest of Effluent quality – (feeds to storm water in Japan – highest quality effluent is essential)
- ❖ Small foot print, both running cost and installed
- ❖ Lightweight, no cranes, easy excavation
- ❖ Local 24hr support



Equivalent Person	10
Designed Hydraulic Loading	1500L / day
Treatment method	Contact Filter Bed Process
Designed effluent quality	<p>BOD \leq 10mg/L SS \leq 10mg/L T-N \leq 10mg/L T-P \leq 2MG/L</p>
Classification	Advanced Secondary

Media



Board type

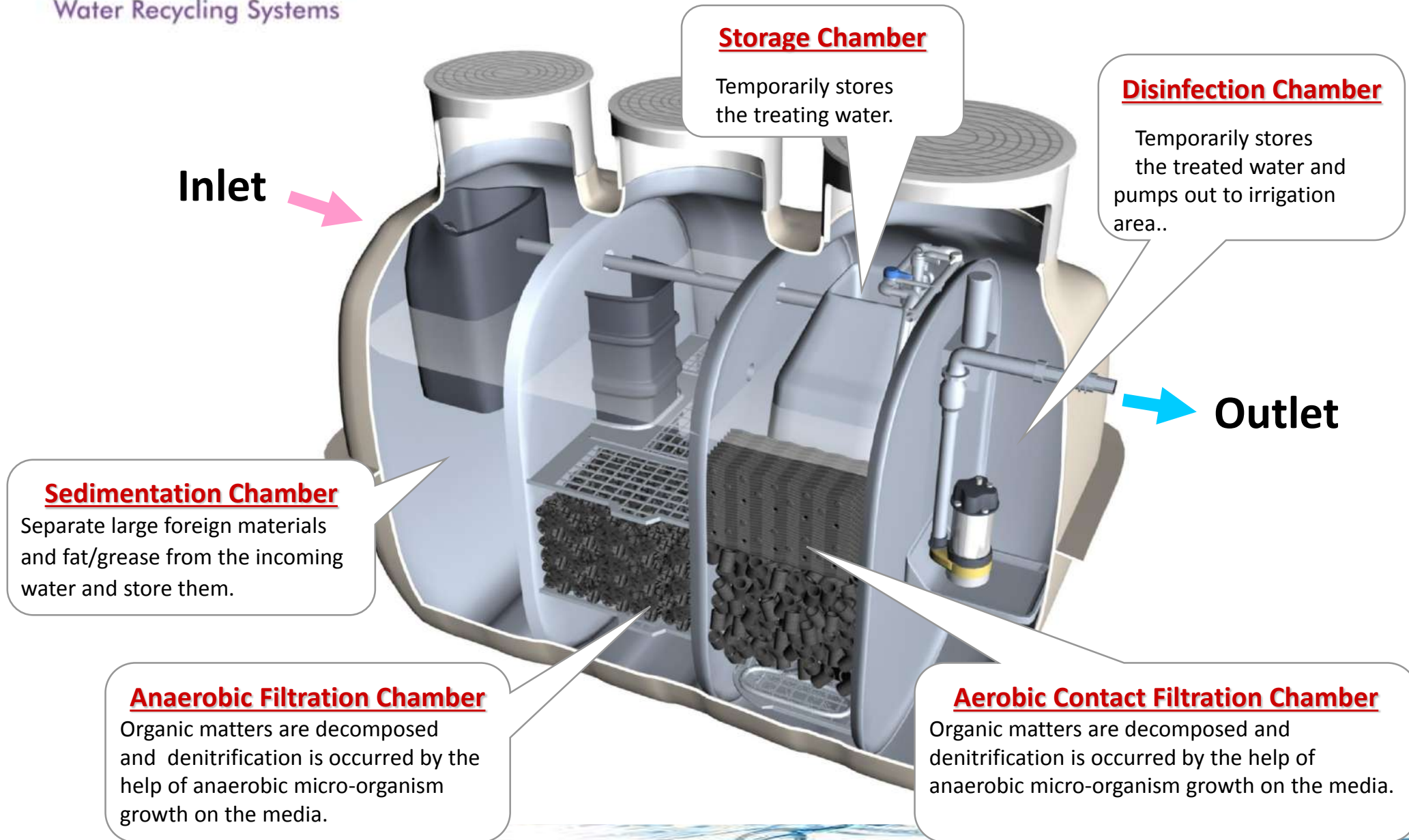


Spherical Skeleton(100mm)



Net-cylindrical(100mm)

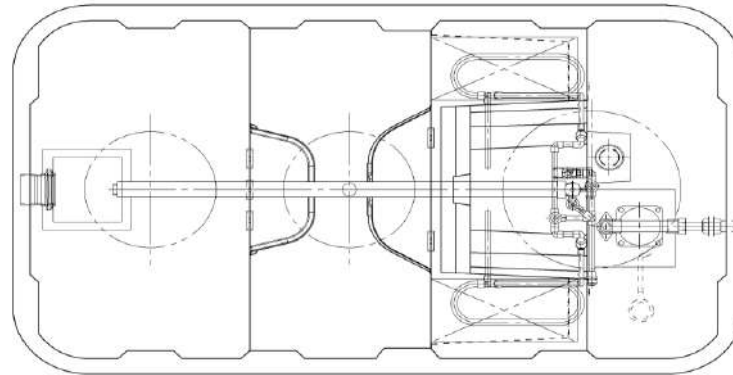




Scale dimension

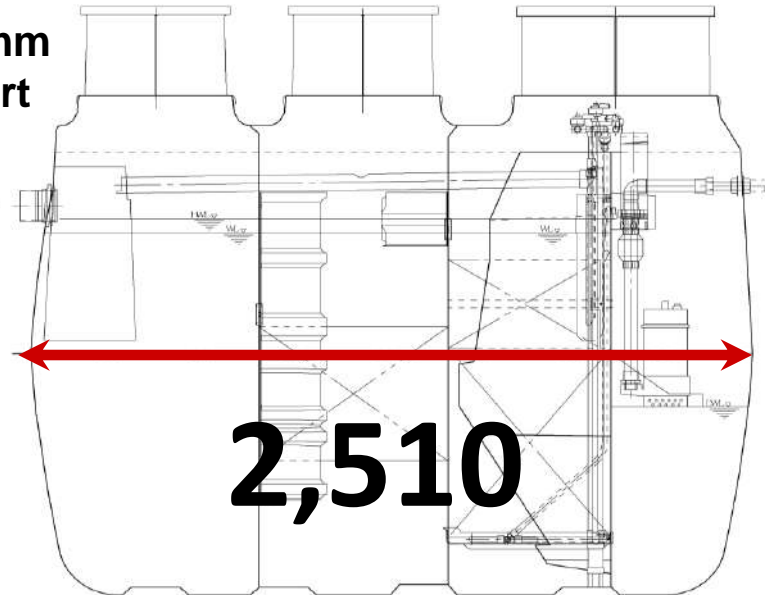
Weight:

350.0kg



1,440

760mm
Invert



2,510

2,170

(Dimension in mm)

Installation requirements

The Fujiclean system has 4 installation requirements

Excavation

- The system will need to be installed in the ground and will require a hole approx 2200 deep x 2800 long x 1800 wide.
- It will need a 100mm sand base and clean fill to backfill around the system (Approx 8- 10m² costing about \$400)
- If there is a high water table the system might require anchoring either with cable and pipe or concrete around the centre join.

Plumbing

- The system will require a 100mm sewerline from the house connecting into the system at 760mm invert from ground level.
- If your builder is laying the drains out to the system you need to ensure that the pipe is no deeper than 700mm from ground level at the system location.

Electrical

- The system requires a 240v feed from the house mains power board out to the system on its own 10amp circuit.
- It will also require an alarm pad located somewhere inside the house (Usually the laundry, Kitchen or garage)
- The alarm pad is low voltage (12v) and will need a dual core cable from the alarm pad out to the system.
- It is best that the builder provides these cables out to the system location and then the final connections are done during installation.

Irrigation

- The Fujiclean system has been approved in WA for either subsurface drip irrigation or above ground spray irrigation.
- Most systems will require 150m² of irrigation on a level area with a slope no greater than 1 in 10.
- The irrigation area will need to be laid on at least 300mm of free draining soil and be greater than 500mm from high water table.
- All irrigation piping will need to be purple in colour.
- The irrigation system will need to be installed and operational prior to final inspection from shire.



Where to from here?

Once you decide on the system you want there is a process involved in regards to council approvals for the system.

Before the shire will issue a building licence they will need to receive an application for the ATU system.

The application will need to include a signed service agreement , 2 copies of a site plan including the following

- House location
- ATU System location and setbacks (Minimum 1200mm from Buildings, boundaries, footpaths and fences.)
- Irrigation type : Sub surface under lawn, sub strata under gardens or spray irrigation (Garden only)
- Irrigation setbacks : Subsurface is 500mm from buildings, fences, footpaths and spray irrigation is 1800mm from buildings, footpaths, open fences and 500mm from closed fences. Both irrigation areas need to be 1800mm away from the system and 3mt from a bore, soakwell or swimming pool.
- The Application form for the system needs to be completed by the applicant with property location details , home owner details and applicant details (Applicant needs to be the Builder, supplier or installer of the system)
(The Shire will only accept the installer or Builder to be the applicant on behalf of the client)
- The application fees are \$226 for most shires.

In regards to the installation process it is best to liaise with your builder to provide the services out to the system and then schedule the system installation at the last stage of the building process when all other trades are done.

