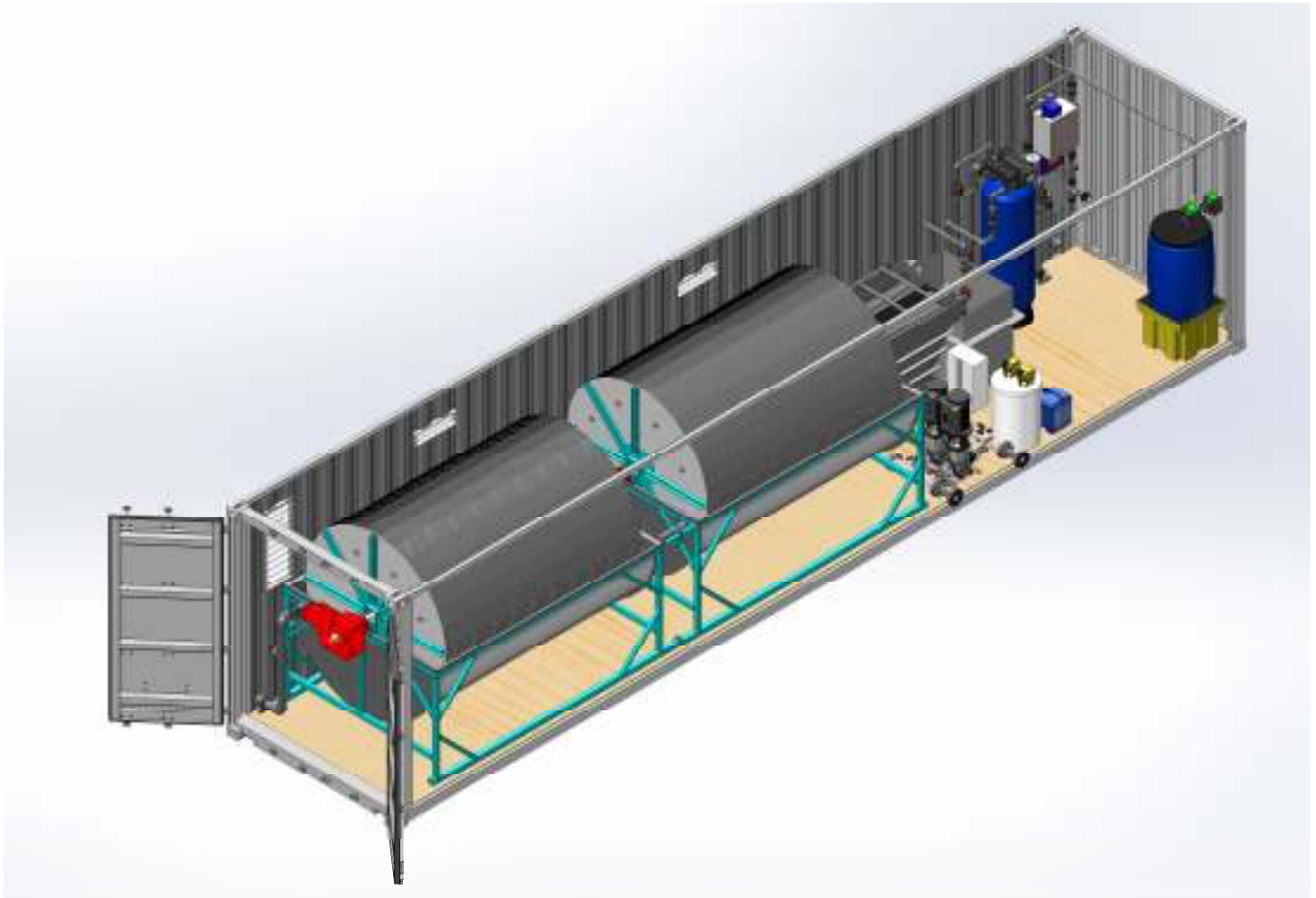




Containerised Sewage Treatment



Transportable STP's in a Box



Clean Water Gives Life

AQUEOUS

Design, Manufacturing
& Engineering Partner

Containerised Wastewater Treatment

For Remote Locations

- High quality treatment of sewage and wastewater
- Portable, fully plumbed
- Low energy consumption
- Robust and reliable



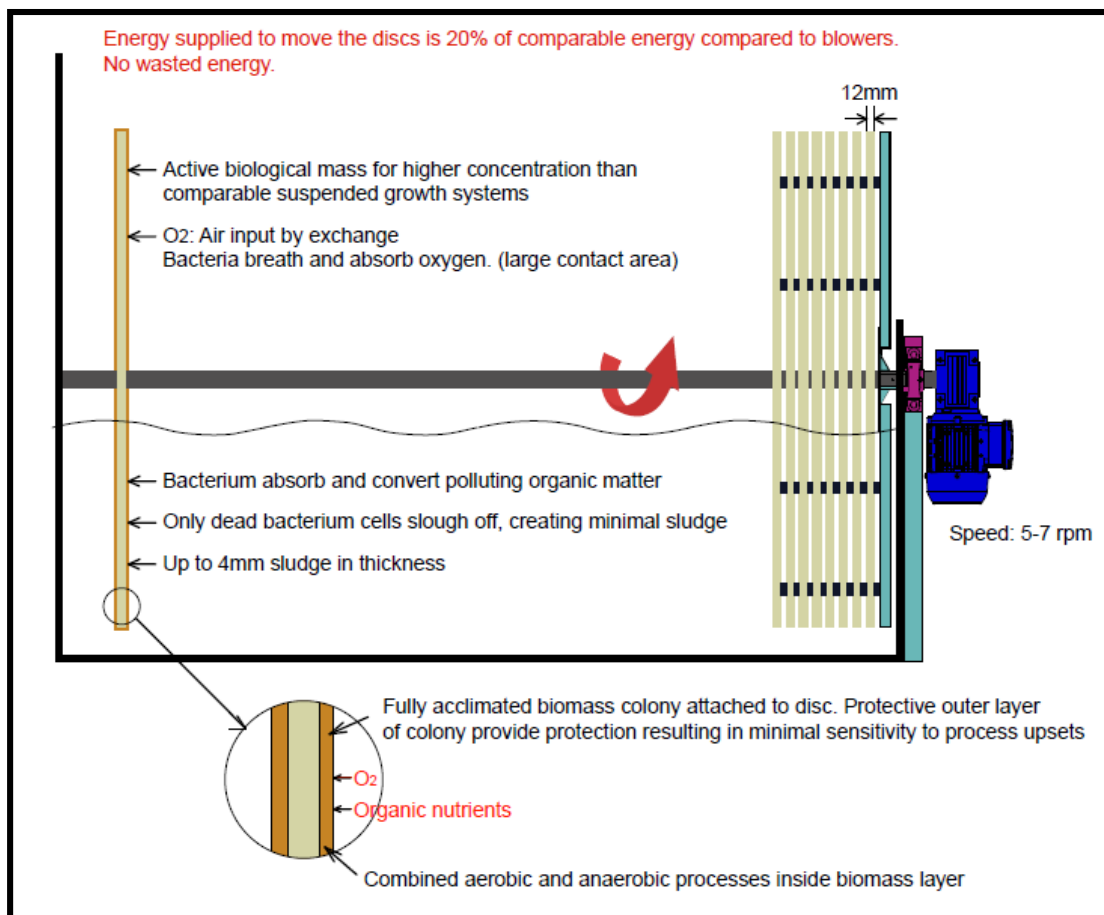
Units are available in 20' and 40' containers. This 40' unit is capable of servicing 260 equivalent persons

Reliable Wastewater Treatment - Anywhere

- Containerised Wastewater Treatment provides a high quality, portable treatment solution ideal for remote locations.
- The fully contained systems require minimal site preparation and are manufactured using rugged materials suitable for harsh environments.
- Once deployed, the systems are extremely low energy and low maintenance, with minimal operator supervision required.
- The inherently robust design is resistant to shock loading and reduced input conditions.
- The system is fully pre-assembled and tested, built inside a steel container ready to ship by truck, rail or sea. Both 20 foot and 40 foot containerised systems are available, and extra capacity is easily added by additional containers.



How It Works



Key Advantages

- **Low power consumption** — approx. 20% of the power requirement of conventional systems
- **Robust operation** — handles reduced input, shock loads up to 4 times normal loading and biomass cannot be washed out as with suspended growth systems
- **Low maintenance** — durable materials, no aeration, no membranes, no dedicated sludge removal
- **Minimal operator requirements** — weekly check, no specialist operator, low sludge, mainly gravity flow
- **Modular construction** — minimal site installation, easily expanded
- **No odour, no noise**
- **No inlet screening**

Set, Plumb, Wire, Go

- Our Aqueous Containerised Wastewater Treatment units are pre-plumbed and easy to install.
- All treatment media, clarification and pumps are fully contained.
- Where tertiary treatment is required (such as filtration and disinfection with chlorine or UV) to meet stringent discharge requirements, these can be pre-installed into the system: For this reason, we are able to provide systems where little infrastructure is available and can meet the tightest project deadlines.

Technical Support

With decades of experience in the water and wastewater treatment business between ourselves and our global Design, Manufacturing and Engineering partners, Aqueous Solutions, we can provide customer support through every aspect of a project. This includes design assistance and technical input at the start of a project, through to operator training and ongoing service and support.

Specialist engineers provide

- Operator training
- Design assistance, plan reviews
- Technical specs, sample drawings
- Lifetime technical support
- Installation, operation and maintenance manuals
- Ongoing plant service

Unit Capacity

Units come in 20' and 40' lengths capable of treating up to 150 EP and 300 EP respectively. Units can be added on to service anywhere up to 3,000 EP and more.

Unit	20'	40'	20' + 40'
Nominal number of persons (Equivalent)*	150	300	450
Capacity per day (L)	30,000	60,000	100,000
Power consumption (kW)	1.1	1.1	2.2

*Numbers are based on assumed typical sewage quality. This can vary depending on the influent quality and required treated quality.



Applications

Remote sanitation

Mine camps

Military camps and installations

Disaster relief, emergency sanitation

Humanitarian aid

Resorts, hotels

Registered Office - Geelong, Australia

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