

The 12V EcoLoo™ System - Value Proposition

Value Proposition based on 8 hour day and 5 day week	Conventional Generator	EcoLoo™ 12V system	Savings and affect
Fuel based on 2 litres per hour at 75p per litre	8 hours a day 16litres fuel equates to £12per day	80% reduction. 1 hour in every 8 equates to £1.50 per day	Using 12v system will give savings of £52.50pw or based on 80% utilisation equates to £2,184 per year saving on fuel
CO2 emissions at 75% load	12.08 KGs per hour 483.2KGs per week 19,811KGs per year based on 80% utilisations	2.42KGs per hour 96.8 KGs per week3,968KGs per year Based on 80% utilisation	A saving of over 15,000 KGs per year per unit. This can be a considerable impact for large fleets.
Service costs	Service required every 250 hours at average cost of £250. unit will require 9 services costing £2,250	Service required every 250 days. Unit will require 2 service per year costing £500	Saving of £1,750 per year on normal use.
Noise pollution	Generator has to be on for all operation	Generator only works 1 hour in 8 to charge battery or run kettle	Low noise pollution in built up areas and also benefit for night-watchman

Savings Associated with Water & Effluent tanker services	Conventional Welfare Unit	EcoLoo™ Unit
Water tank Fill	£80 per week	£80 fortnightly
Effluent tank empty	£100 per week	Never
Total Monthly cost Average	£720	£160
Total Monthly Saving Average		£550



Balfour Beatty
Plant & Fleet Services

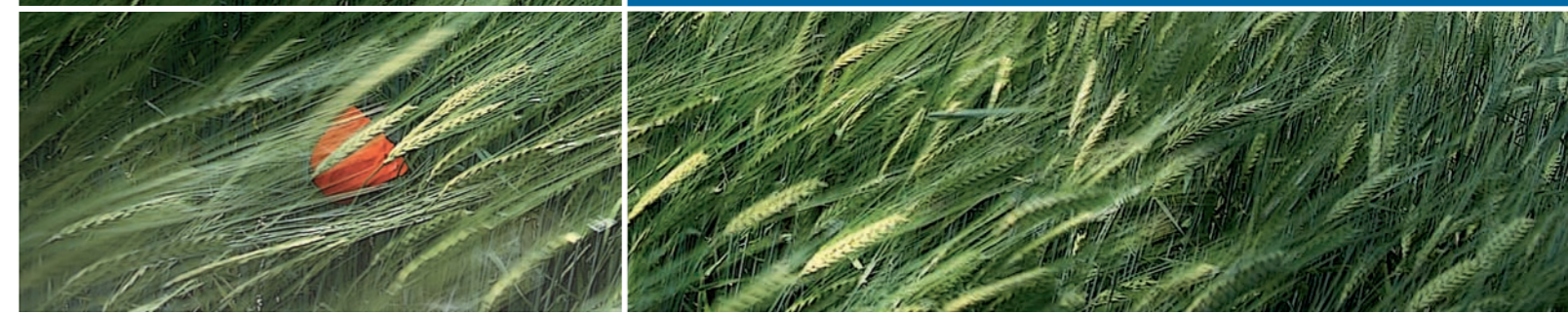
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*Totally self-sufficient
and capable of operating
independently of any
external power source*



EcoLoo™ Static Welfare Unit
Independently Green



Ecolootion® Static Welfare Units

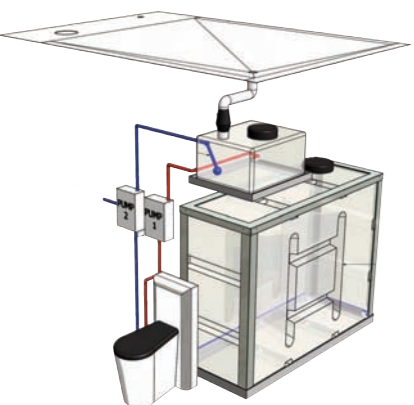
The **Ecolootion** is powered by **12 Volt** on-board batteries to enable all systems within the unit to operate without the generator running. The system enables the unit to have a far smaller generator, which is more economical to run.

The on-board batteries are monitored by means of a control system which starts the generator when the batteries voltage drops to a low level and stops the generator when the optimum battery level is achieved. This ensures the

generator only operates for the shortest possible time, resulting in reduced noise pollution, significant fuel cost savings along with extending the service intervals of the generator, making this unit extremely environmentally friendly.

Economical, Comfortable, Spacious, HSE Compliant and Environmentally friendly - building better futures for our customers

- 1 6 kva GenSet silenced power cube generator complete with start on demand control. The generator includes the Fuel Active system which eliminates fuel contaminants improving reliability and helping the environment.
- 2 12 Volt L.E.D. Lighting
- Hot water via percussion controlled tap



Rainwater Harvester

Harvests and stores rainwater from our unique natural collection device, filters it, and utilises it for toilet flushing, significantly reducing fresh water wastage.



Toilet

An innovation in waterless urinals. The system also completely eliminates the use of fresh water for the dual flushing toilet.



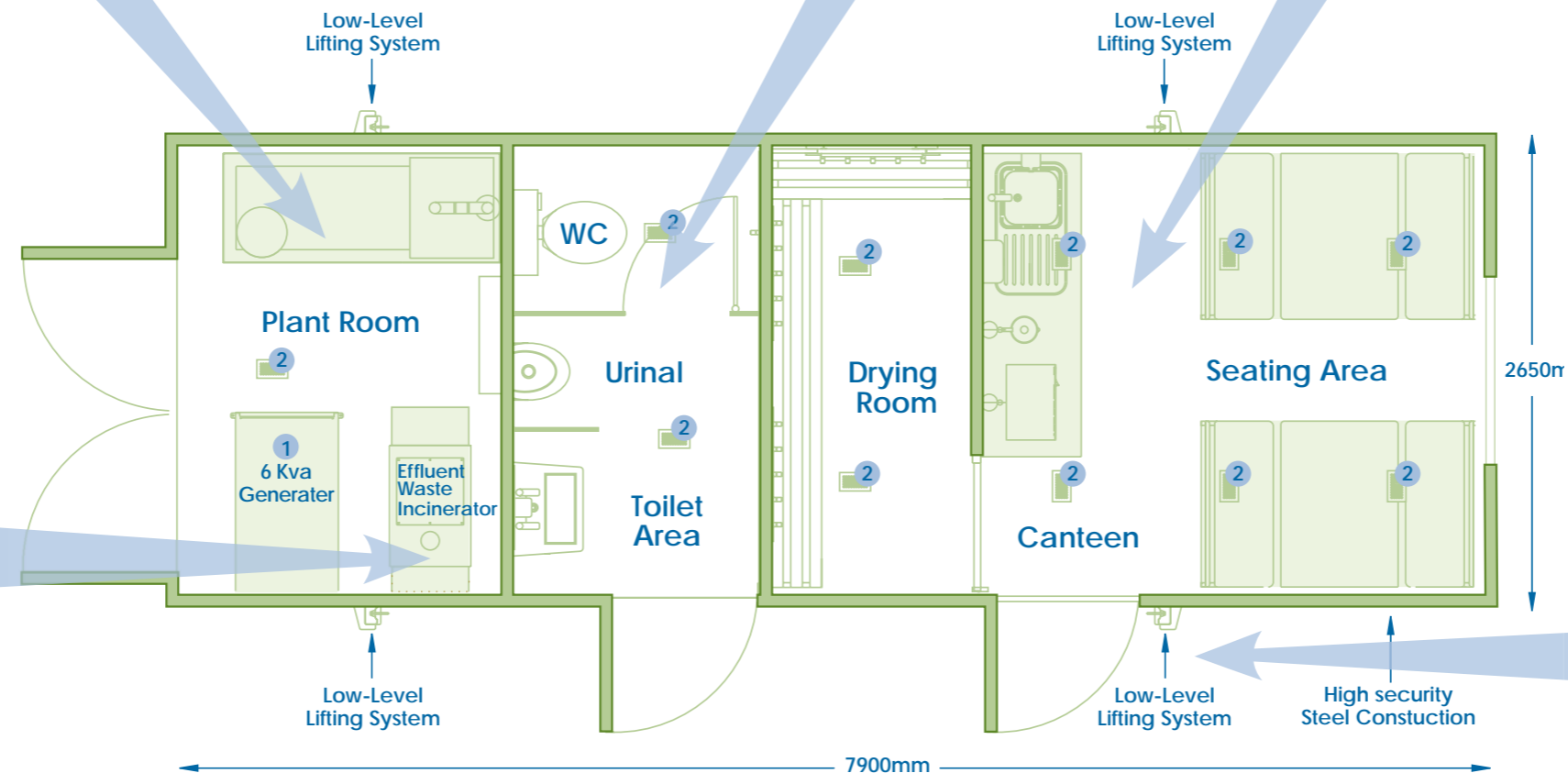
Canteen/Seating area

Extremely well equipped and seats up to eight people. The **12 Volt** system is operated by touch controls conveniently situated in the canteen area.



Hogloo

A new concept in effluent management which is safe and highly efficient, removing the need for waste carriers cost and incinerating waste benefiting the environment.

Low-level lifting System



Keeping Feet on the Ground. Completely eliminating working at height risks.

