



12 volt Welfare Unit

Canteen facilities for 5 with separate toilet and drying room. Incorporating auto voltage sensing generator charging technology.

EasyCabin eco12
gross weight 1800Kg
unladen weight ONLY 1600Kg

The **EasyCabin eco12** is a 12volt eco welfare unit which is extremely simple to use.

12volt batteries are monitored by a control system which are charged automatically to their optimum level from the onboard diesel generator. An Eberspacher diesel heater provides hot water to sinks and air heating. The kettle & microwave powered by the generator with our automatic start on demand system keeps generator use to a minimum throughout the day and keeps maintenance costs down. There is a useful 12 volt socket for phone charging.

Construction Specification

- Walls:** Constructed from unique patented high strength composite panels. Bonded construction – galvanised steel exterior, seamless GRP interior and high density foam insulation, provides rust free and washable surfaces.
- Roof:** Seamless insulated composite panel. Lifting eyes
- Floor:** 15mm phenolic faced marine ply.
- Wheels:** 185/70R 13" Low profile wheels & tyres.
- Chassis:** Heavy duty galvanised steel.
- Axle:** AI-KO electric type approved hydraulic axle.
- Doors:** 3 x high security composite doors with 2 deadlocks. Double doors to generator with 2 deadlocks.
- Window:** Aluminium with security door locked internally with thumb turn deadlock.
- Lights:** EEC approved built in road lights with removable number plate brackets.

In Summary

- Low in maintenance
- Low in emissions
- Low in fuel consumption
- Low in noise pollution
- Compliant with HSE regulations

Wash Facilities

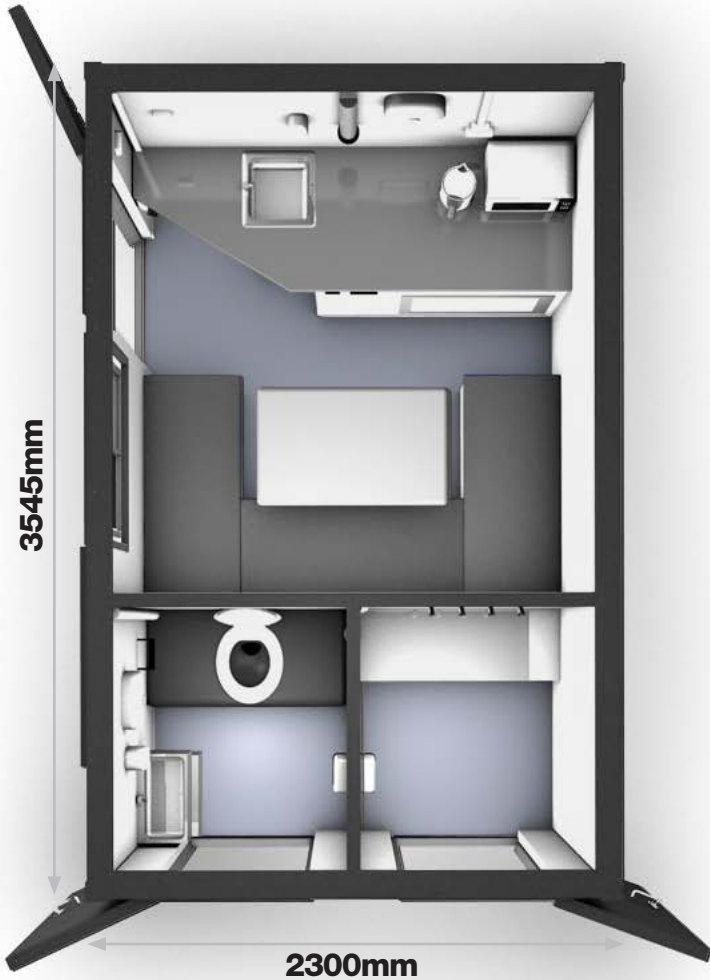


Canteen Facilities



Diesel heating & 12V LED lighting





Power

- High cycle AGM batteries
- Battery charger
- Battery Condition Monitor
- Diesel generator battery charger
- 12volt Hydraulic pump

Canteen

- Bench seating for 5 people
- Thermostatically controlled hot water to stainless steel sink
- Eberspacher blown air thermostatically controlled heating
- Microwave and kettle
- 12 volt phone charger socket
- Durable embossed stainless steel worktop
- Soap dispenser
- Towel dispenser
- Stainless steel sink
- Waste container
- Drinking water container
- Cup dispenser
- PIR activated LED lighting
- Electrical certificate
- Carbon monoxide detector

Drying Room

- 6 x coat hooks
- PIR activated 12 volt LED light
- Eberspacher 12volt control and heating system
- Blown air heating outlet

WC

- Re-circulating flush tank toilet, 170 litre capacity
- Sink to wash up to forearm with thermostatically controlled running water
- Coat hook
- Soap dispenser
- Towel dispenser
- Toilet roll holder
- PIR activated LED lighting



As part of our on-going commitment to improvement we reserve the right to alter specifications or design without prior notice. All dimensions are approximate.



Energy Performance Asset Rated

EasyCabin eco12

Energy & Cost Savings

Based on a 50hour week. Compared to a 6kva generator. Red diesel at 90p/litre.

Full energy saving presentation available on request.

- Diesel Saving **4,225ltrs / £3,802**
- Maintenance saving **£1,550**
- CO2 emission saving **11,409kgs**
- Engine hours saved **2,275**
- Uses just **18ltrs** diesel / week
- Low in noise pollution
- Long sustainability - **12 working days on 1 tank of diesel**



Canteen



WC



Diesel heating unit



Eberspacher control panel



Carbon Monoxide Detector



Generator / Charger

Energy Performance Certificate

Non-Domestic Building



EASYCABIN ECO 12+
A J C Trailers Ltd
Unit 10, Cosgrove Way
LUTON
LU1 1XL

Certificate Reference Number:
0553-0039-1209-2429-4002

This certificate shows the energy rating of this building. It indicates the energy efficiency of the building fabric and the heating, ventilation, cooling and lighting systems. The rating is compared to two benchmarks for this type of building: one appropriate for new buildings and one appropriate for existing buildings. There is more advice on how to interpret this information on the Government's website www.communities.gov.uk/epbd.

Energy Performance Asset Rating

More energy efficient

A+

Net zero CO₂ emissions

A 0-25

B 26-50

C 51-75

◀ 56

This is how energy efficient the building is.

D 76-100

E 101-125

F 126-150

G Over 150

Less energy efficient

Technical information

Main heating fuel:	Oil
Building environment:	Heating and Natural Ventilation
Total useful floor area (m ²):	8
Building complexity (NOS level):	3
Building emission rate (kgCO ₂ /m ²):	66.42