

Item 11310 – Trailer Toilet Unit - Compact Standard VIP



Product Description

The Compact Standard VIP Trailer Toilet Unit is the toilet of choice in the rental, film and events industries as it provides comfort and simplicity. The unit has two cubicles, each containing a flushable toilet, hands washing basin, soap-, towel- and toilet paper dispensers, a mirror and lighting. Floors are covered with a top quality vinyl and skirting to finish it off.

The toilets work on a recycle system. Waste flushes into two tanks below the floor. In the tanks, fluids are separated from solids, filtered and then pumped back to the cisterns to be used again.

Fresh water is stored in an overhead tank and fed to the basins by gravity.

The waster water flow is run by a 12V pump powered by a 96Ah high cycle battery. The battery is charged via a solar panel or a battery charger which in turn is powered by a 220V power supply. The unit is also fitted with 12V internal and external lights.

Product Specifications

- Suspension – 1600kg Braked Rubber Torsion Axle with 14" Wheels
- GVM – 1500kg
- Tare – 890kg
- Waste Tank Capacity – 750lt
- Fresh Water Capacity – 100lt
- Dimensions – 1890mm(W) x 4230mm(L) x 2900mm(H) from ground

Scale of Use

- Where mostly fluid waste is expected on events such as Fun Runs, Cycling Events etc. where people mostly drink fluids during the day the average use limit is 250 persons per Unit with a Maximum of 300 people per Unit per Day.
- Where both fluid and solid waste is expected on events such as Film Shoots, Braai Events etc. where people drink and eat during the day the average use limit is 70 people per Unit with a Maximum of 80 people per Unit per Day.

Accessories

- Soap Dispenser
- Paper Towel Dispenser
- Toilet Paper Dispenser
- Plastic Bin
- Front Jack Lift and/or Jockey Wheel 60mm Double 8" Wheel
- Rear Propstand 48mm

Operating Instructions

Checklist for driver/operator

- Check that tyres are correctly inflated, minimum of 2.5 Bar or 250 kPa.
- Check that brake bar is without play, do not over tighten.
- Check that all trailer lights are working and properly plugged in.
- Check that steps are secure.
- Check water level before hitching to vehicle.
- System is to be switched off and all water flushed from toilets before traveling.
- See that interior lights are switched off.
- See that toilet seats are down before traveling.
- Doors do not need to be locked when traveling.
- Fasten steps securely with bungee straps available.
- Toilet lids should be secured with the elastic straps provided.
- Toilet seats in the down position.
- Windows must be closed when traveling.

IMPORTANT NOTE TO DRIVERS

- Make sure towing vehicle is in good condition, wheels, tyres, shocks and brakes.
- It is preferable to empty waste and fresh water tanks on long distance routes.
- When towing **do not exceed 80km/h** and only when you think it is safe to do so.
- The heavier the towing vehicle the better.

On Site Instructions

- Place the trailer on level ground.
- Level out trailer via front jack lift/jockey wheel.
- Drop down rear support post and fasten secure nut.
- Lower stairs. Bungee straps are to be securely hooked at bottom of corner posts when steps are down, this keeps them from scratching panels and getting in door.
- If empty, fill waste tank with water.
- If empty, fill fresh water tank.
- Supply 220V power if available.
- Switch on pump switch.
- Flush both toilets and make sure pump switches off when toilet cistern is filled.
- Switch on lights if required.

Safety

- Disconnect the power supply to the battery charger when cleaning or repairing the unit.
- When cleaning the waste tank wear the following safety protection



• Eye Protection

- All round protection: grade 1 goggle.
- Less hazardous work: grade 2 spectacles.



• Breathing Masks

- Breathing mask levels:

1. General Purpose Disposable Masks

- General purpose, disposable masks for low-risk dust and water-based airborne sprays.

2. Respiratory Disposable Masks

Respiratory disposable masks with charcoal filter for welding fumes, ozone and most nuisance level odours.

3. Consult Product Supplier

Consult product supplier for guidance and data information.



• Protective **Gloves**

Gauntlets, PVC, cotton or rigger gloves for hand protection.

Cleaning and Maintenance Information

- The most important element of this system is the batteries on which it runs. Each unit is supplied a 100 Ah deep cycle battery. These batteries should be sufficiently charged at all times, but care should be taken that batteries are not overcharged. **CHARGERS SHOULD ONLY BE LEFT ON UNTIL THE 100% LEVEL OR 0 ON AMP METER IS REACHED AND THEN SWITCHED OFF.** Ignoring this can lead to overcharging and will reduce battery life. At functions where the units will be standing for any length of time and power is available, the units can be plugged in. The 220V charging point is in the front service hatch. Charger should be switched on. **IT IS ADVISED THAT A BATTERY ACID TESTER BE USED BY THE OPERATOR TO DETERMINE THE LEVEL OF CHARGE. BATTERIES SHOULD NOT BE CHARGED IF INDICATOR OF TESTER IS ON GREEN OR HIGH IN THE WHITE.**
- Tanks are simply emptied by gravity into the municipal system or septic tank. Two 80mm (3") ball valves, quick coupling fittings and hoses make it possible to service the unit without any contact with the waste.
- Make sure the tanks are cleaned out and all valves closed. Experience will learn how to clean the tanks, either by dumping directly in a drain or by pumping, both are effective. Refilling and flushing the whole system with clean water a second time is advised. Inside of tanks can be inspected through valves, use a torch.
- Clean the big blue filters by taking apart and rinsing the filter element under running water. Care should be taken not to loose the seal on opening the big blue filter. Care should be taken when filter and pipes are put back in service hatch, do not twist or kink pipes.
- Fill tanks, at a reasonable slow rate, to required minimum level on side, filling is done through the toilets. Ad chemicals only when operating level is reached, 3L to 5L of concentrate, to water tanks through the toilet and follow with bucket of water. This system has two tanks in the base of trailer and one tank needs to overflow into next tank, care should be taken not to overfill initially. It is advised that filling is interrupted halfway to allow levelling of water levels in tanks and then resumed.
- Fill freshwater tank through quick fit Gardena fitting in front service hatch to max level as indicated on tanks or overflow from roof.
- Fill soap dispensers. Keys are supplied.
- Fill toilet roll holders. Keys are supplied.
- Check towel roll holders and replace rolls if necessary. Keys are supplied.
- Switch on systems at switches in cupboard and check that toilets flush and pumps switch off when full. Any toilet leaking water into the system will cause the pumps to run and deplete the batteries. **ATTEND TO ANY LEAKS OR DRIPS IMMEDIATELY.** After the initial start-up witch takes 2 or 3 minutes the toilet pump should not run longer than ± 60 seconds before switching of automatically. It is normal for the pump to come on occasionally for a couple of seconds every once in a while. **System is to be switched off and all water flushed from toilets before traveling.**
- See that interior lights work and are switched off.
- Switch system off and flush toilets till no more water runs off.
- Make sure all interior and exterior surfaces are clean and dried off. Do not use abrasive cleaning on panels.
- Check door lock and repair if necessary.
- Check condition of bungee straps that hold steps in place and replace if necessary.
- Check condition of bungee strap that hold down toilet lids and replace if necessary.

Off-Hire Checks

- See the attached document

Product Markings

- Trailer VIN Number is stamped on trailer frame.
- Trailer VIN, weight etc. stamped on plate fixed to toilet unit.
- Place BHS sticker on all four sides of unit.
- Trailer registration number plate.

Workshop Service Instructions – General Service

- Charge battery if not fully charged
- Empty and clean waste tanks
- Clean water filter
- Fill waste tank with litres of water (up to indicated mark)
- Add 1.5 litres Deo-Blue (non formaldehyde) chemicals to waste tank water
- Empty and clean plastic bin
- Fill fresh water tank
- Fill soap dispensers
- Fill toilet roll holders
- Fill paper towel holders
- Switch on systems at switches in cupboard and check that toilets flush and pumps switch off when full. Any toilet leaking water into the system will cause the pumps to run and deplete the batteries. **ATTEND TO ANY LEAKS OR DRIPS IMMEDIATELY.** After the initial start-up which takes 2 or 3 minutes the toilet pump should not run longer than ± 60 seconds before switching off automatically. It is normal for the pump to come on occasionally for a couple of seconds every once in a while.
- See that interior lights work and are switched off.
- Switch system off and flush toilets till no more water runs off. Make sure all interior and exterior surfaces are clean and dried off. Do not use abrasive cleaning on panels. Doors do not need to be locked when traveling.
- Fasten steps securely with the bungee straps available. Bungee straps are to be securely hooked at bottom of corner posts when steps are down, this keeps them from scratching panels and getting in door.
- Toilet cistern lids should be secured with the elastic straps provided. Toilet seats in the down position.
- Check that all windows are functioning and repair if necessary.

Workshop Service Instructions – Major Service

- Replace wheel/axle bearings.
- Replace brake pads.
- Replace tyres if necessary.
- Replace water purification filter.
- Replace pump diaphragm rubber.
- Test battery acid level.

Product Maintenance Specs

- Tyre inflation minimum of 2.5 Bar/250kPa.
- Tyre Make/Size – Goodride 106/104Q 195/14
- 100Ah high cycle battery.