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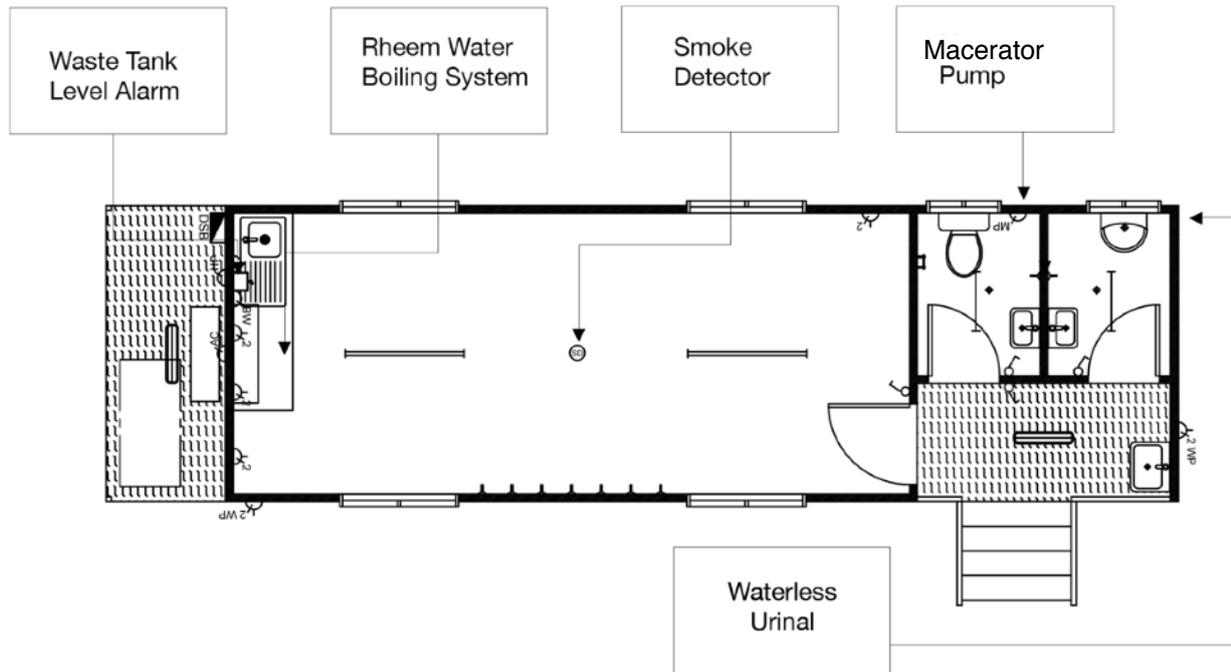


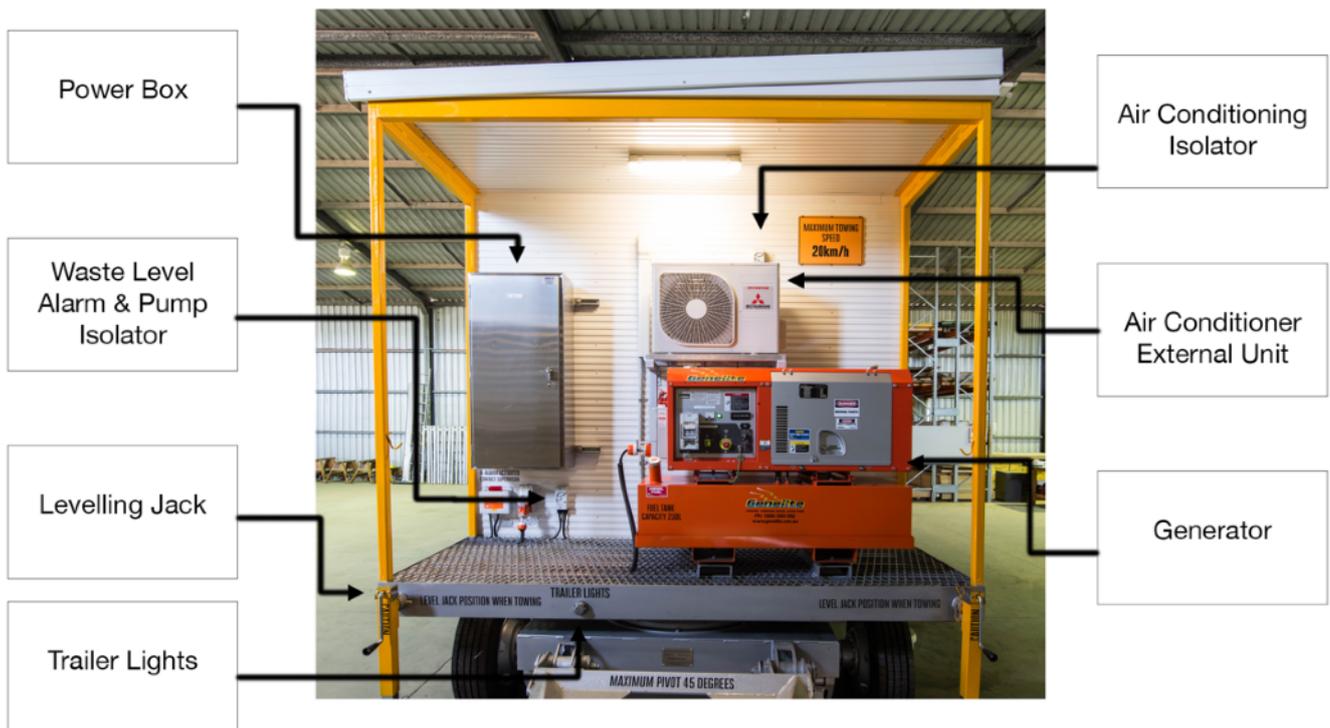
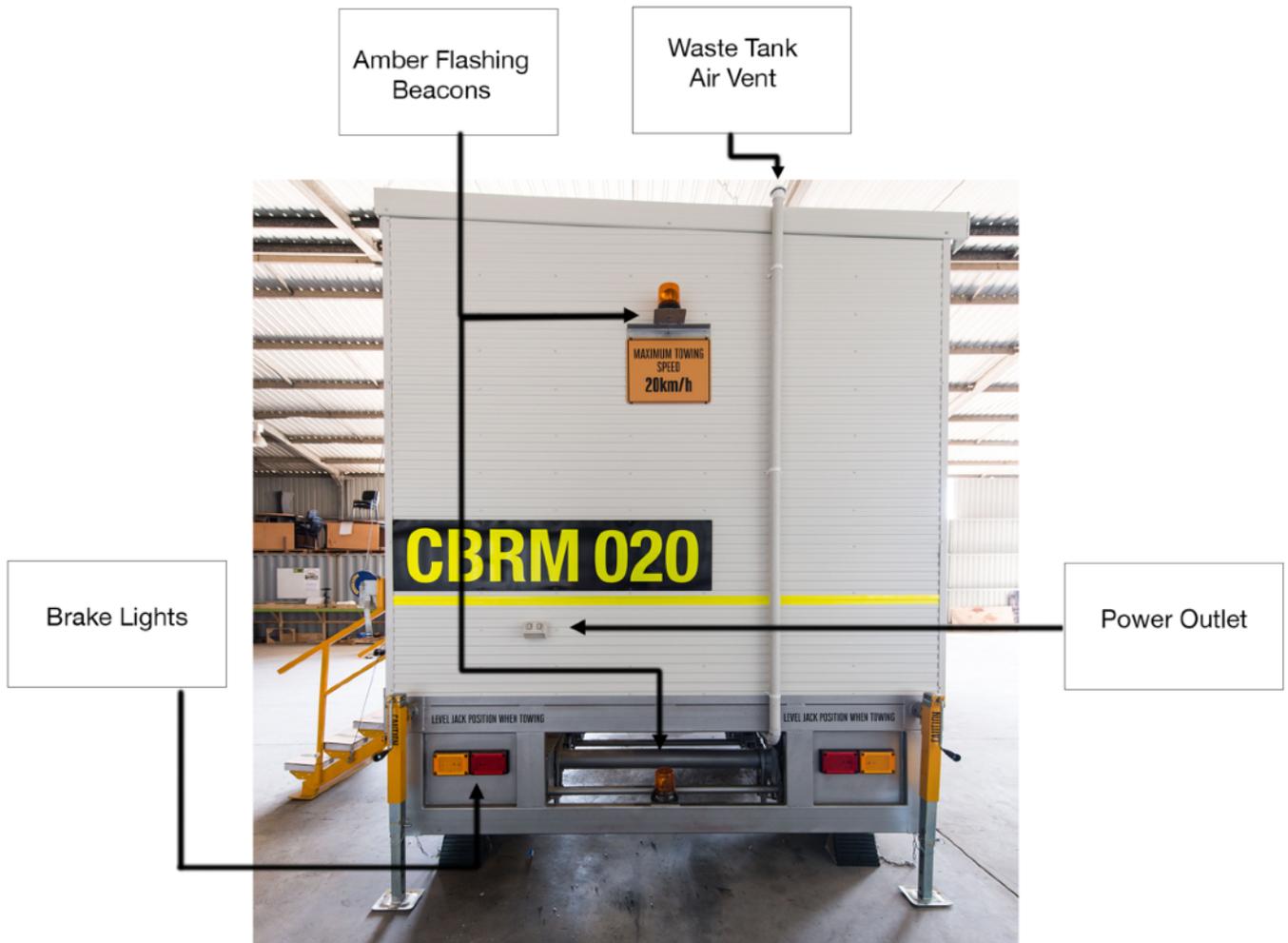
# MOBILE CRIB ROOM USER MANUAL



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# BUILDING OVERVIEW SCHEMATICS





Towing Pin

Hand Basin

Hand Winch



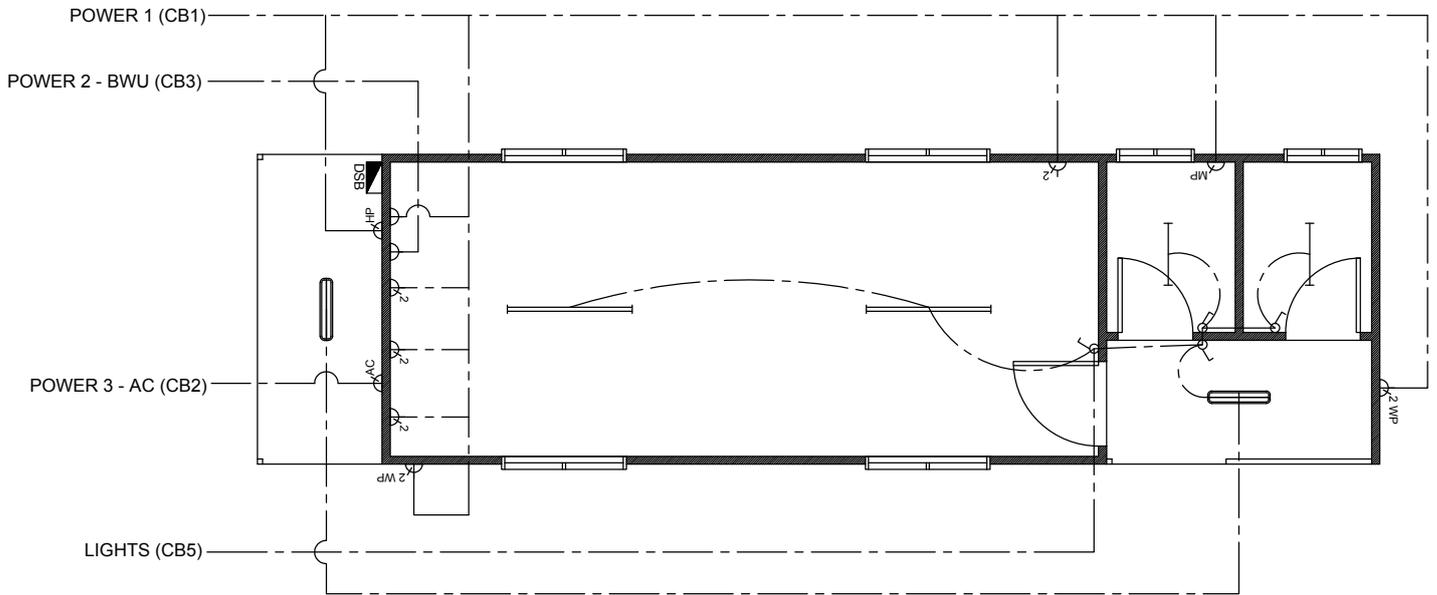
Step Handrail Holders

Steps

Bathroom

Hand Rail Locks

# WIRING SCHEMATIC



**10.8x3.0m Mobile Crib Room - Wiring Diagram**

Scale 1:50

Note: (#) = Circuit Breaker Number In Switchboard

# Transport Procedures

1. The mobile crib room is rated for a moderate speed. When in motion do not exceed **20Kph**.
2. When towing do not exceed the maximum turntable pivot angle of **45 degrees**.
3. Ensure that the levelling jacks are raised and secured in place before attempting to move the mobile crib room.
4. Place all 8 chocks under the wheels when the mobile crib room is stationary. Ensure they are removed before towing.
5. Ensure the 2 orange beacons and appropriate vehicle lights are working when in motion and operation.
6. When in a stationary position ensure the levelling supports located on each corner of the building are in place to stabilise the mobile crib room before entering.
7. Trailer Lights



Before towing ensure that the trailer lights are connected.

1. The trailer lights connector is located at the front of the mobile crib room, to the bottom-left of the generator.



2. Flick the connector cover back and insert the trailer connector.

3. Before towing do a visual inspection on the lights including the beacons, and break lights.

## 8. Wheel Nuts



Check the wheel nuts of each wheel are aligned before towing.

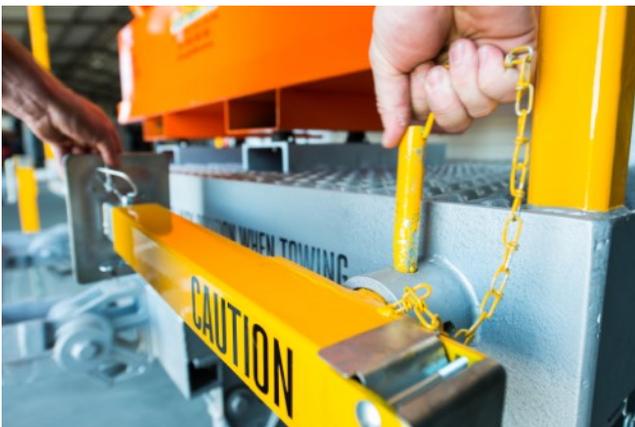
If the indicators are misaligned the wheel nut must be tightened before towing.

## Levelling Procedure

Consider the surface before deploying the levelling jacks. If the ground is uneven or soft additional precautions should be made such as lumber sleepers to create a suitable levelling surface.



1. Locate the 4 jacks on each corner of the mobile crib room (Note there is also a levelling jack on the A-frame boom at the front).



2. Remove the top jack pin and rotate the levelling jack so its base is facing the ground then re-insert the jack pin.



3. Remove the small jack extension leg pin so you can pull the larger leg pin out.



4. Lower the jack extension leg to a suitable level (The ground or stable surface) and then re-insert the pin to lock in place with the small pin.



5. Rotate the jack handle to raise the jack to a suitable height.

6. The A-frame towing boom also features a levelling jack and can be raised and lowered using the steps above.



## Stair Winch Lowering Procedure

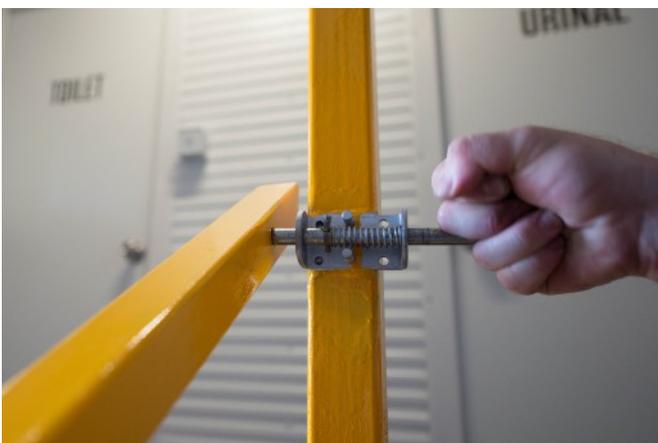
Ensure the mobile crib room is stationary, the wheel stops are placed correctly under the tyres prior to lowering and raising the stairs.



1. Ensure that the hook is locked to the lifting loop on the lower right section of the stairs.



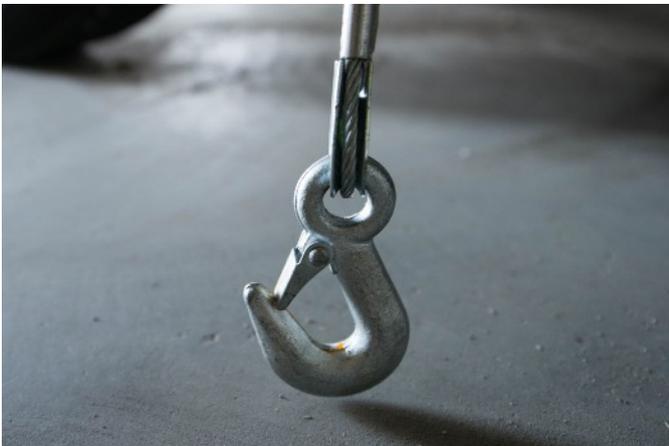
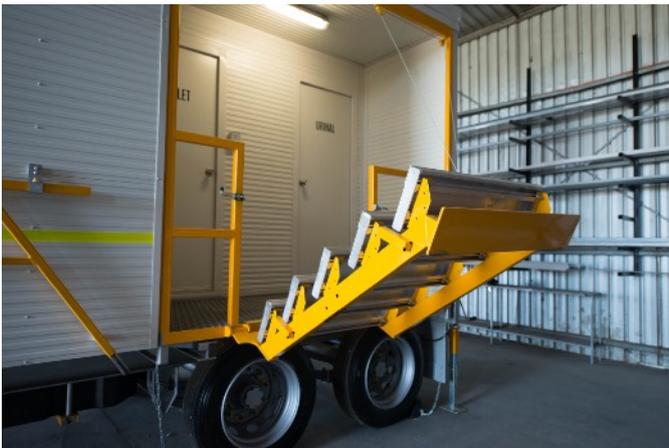
2. Ensure that the ratchet latch is engaged and locked in position and that the winch cable is taught through the pulley and winch.



3. Unlock the staircase by releasing the 2 fastening latches which are attached either side of the staircase on the handrails.



4. Release the ratchet latch and slowly lower the stairs towards position on the ground.



5. Once on the ground Release the hook on the lower right section of the stairs and place the ratchet latch back in the engaged position.



6. Rotate the winch handle to bring the hook up to the pulley and then lock the ratchet for the final time.



7. Locate the left and right step hand rails and unscrew them from the holster.



8. Line up the corresponding handrail with the handrail stabiliser points, there are 2 located on each side of the stairs and insert them.



7. Lock the stairs in place with the locking mechanism located on each handrail. To erect the the stairs reverse this process.

## Wheel Chocks

There are 8 wheel chocks on the mobile crib room which are required to be in-place when the room is stationary.



1. Each wheel chock can be located on their hook next to their individual signage.



3. The hook should be through the D-shackle.



4. When stationary place the chock firmly under the wheel and return to the chock hook when towing.

# Electrical Procedures

## Hot Water Unit Operation Procedure



1. Open the cold water isolation valve fully on the cold water line to the boiling water unit.



2. Switch on the electrical supply at the isolating with to the boiling water unit.



3. Push the red handle down to disperse hot water.

**To set the temperature gauge on/off:**

1. Press and release the (P) button until “Service” is displayed on the screen.
2. Press and release the (✓) button to confirm selection. “Error Codes” will be displayed on the screen with any error codes listed below.
3. Press and release the (▲) button until „TempShow ON/OFF” is displayed on the screen.
4. Press and release the (✓) button to confirm selection. The current setting, „ON” or „OFF” will be displayed flashing on the screen.
5. Press and release the (▲) button to cycle between ON and OFF.
6. Press and release the (✓) button to confirm selection. The display will revert to the service menu.

## Air Conditioning Unit Procedure



1. To use the aircon ensure the isolator switch is turned to the on position, this can be found above the generator on the front exterior of the mobile crib room.



2. The air conditioning unit can be found inside the crib room above the kitchen.



3. To turn on the aircon simply press the on button. Control the temperature with the up and down keys on the remote. For additional functionality please see user manual index.

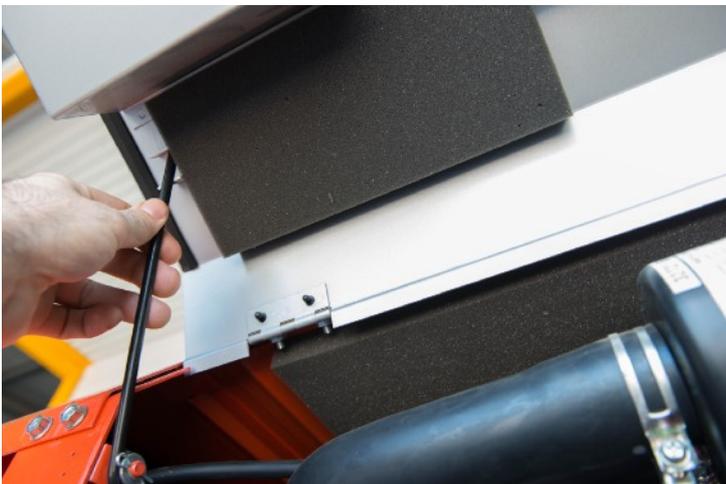
## Diesel Generator Quick Start Operating Procedure

This is a basic procedure to operate the generator, for more information on maintenance and functionality see the user manual index.

### Checking Oil



1. Checking the oil should only be performed **while the engine is cool** so there is no risk of touching hot engine machinery. Open the generator door by first twisting it 90 degrees to the right and then pulling.



2. Push the door up and place the door hatch stay in groove to support door.



3. Locate the oil dip stick, pull it out. and check the level as per the instructions in the user manual index.



4. Check the level on the dip stick as per the directions in the user manual index.

## Turning on the Generator



5. Turn the key right 2 stages (the glow symbol) leave this here until the glow light in the above indicator display turns off. This allows the engine time to warm up.



6. Once the light disappears turn the key fully to the right to start the engine. To turn it off turn the key to the left.

In the case of an emergency press the emergency stop button.

## Filling up the Generator



1. The generators top cap is locked shut as it should be filled up from the **230L fuel tank** below.



2. To access the tank unscrew the cap.



3. Fill the tank with Diesel fuel only. When finished ensure the cap is screwed back on before starting back up.

## Smoke Detector



The smoke detector is located in the centre of the crib room. While the generator is running the smoke detector will use AUX power. When the generator is not operating the alarms will run on a single 12 volt battery.

A intermittent beep from the detector will indicate that the battery needs to be replaced.

Ensure that yellow dust cap is removed before operating the mobile crib room.

# Plumbing Procedures

## Waste tank level alarm procedure



In the circumstance of a full waste tank an alert will be raised through visual red flashes from the unit as well as an audible alarm noise.

In this instance supervision should be made aware.



The audio alarm can be disabled by pressing the mute button at the front of the unit as pictured.

The visual red blinking alert will remain until the waste tank has been drained.

To drain the tank see the waste water tank drainage dump procedure.

The Liquid level alarm can be turned off by the isolator switch located to the right however it is important to note that this will also shutdown the water pump.

## Water Pump

When initialising the water pump ensure the pump has been primed.



1. Locate and ensure the isolation switch is turned off while you prime. The isolation switch can be found next to the waste water liquid level alarm as pictured here on the right.

(Note that the isolator controls both the liquid level alarm and the pump.)



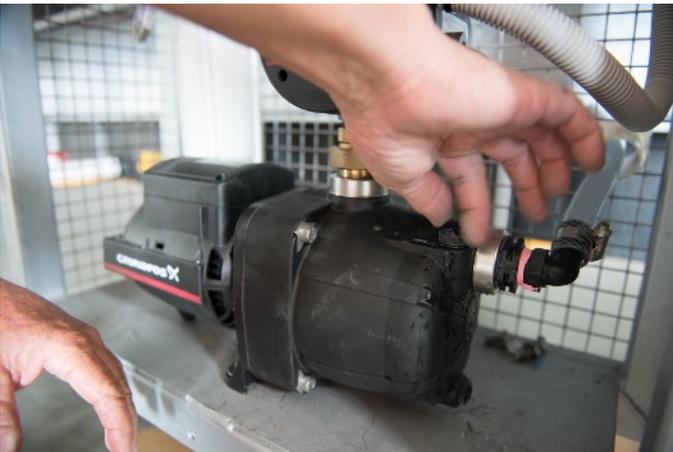
2. Locate the pump on the right of the mobile crib room.



3. Locate the priming cap on the top right side of the pump and unscrew it.



4. Fill the priming compartment until full with fresh drinking water.



5. Once primer is filled screw cap back on tight and then switch the isolator switch on to start the pump.

## Potable water filters



Replace every 3-6 months depending on quality of the water, standard 20 micron filter as per user manual in index section.



1. Twist the filter housing by hand to unscrew from base.



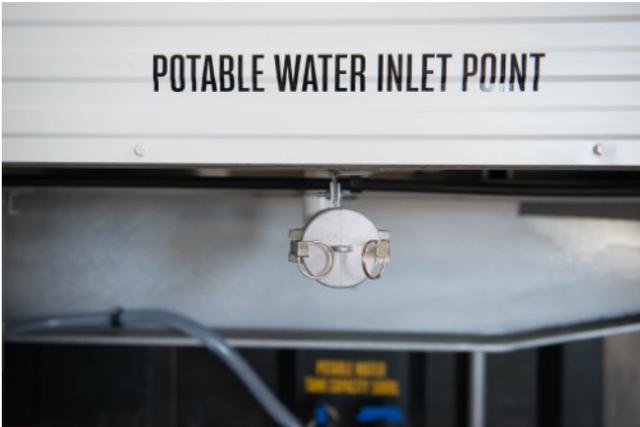
2. Remove housing



3. Remove the old filter by pulling it out and install a new one. Simply reverse the above

steps to put the filter back together.

## Potable Water Tank Fill Procedure

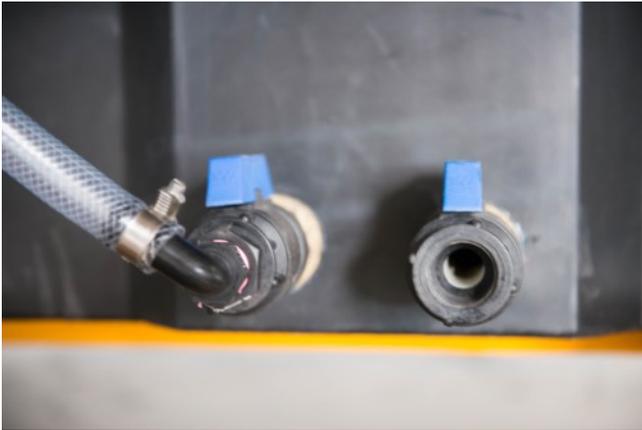


1. To pump water into the portable water tank locate the potable water inlet.



2. Access the inlet cap by pushing back each latch and attach your hose to the 50mm cam lock fitting.





3. The potable water tank features a capacity vent, which will release when full, this will indicate that the tank is full.

4. Disconnect pump hose and lock the cap back on with the

latches.

## Potable Water Tank Drain Procedure

There is one 1000L potable water tank situated towards the front of the mobile crib room underneath the trailer.

1. The valve on the right is the manual drain valve, rotate it 90 degrees to be parallel with the pipe for drainage.



2. To close the drain rotate the valve 90 degrees so its horizontal to the water tank. Note this valve can also be used to fill up the water tank with the correct fitting.

3. the Valve on the left controls the flow of water to the pump. Do not close the pump valve while pump is in operation.

## Waste Water Tank Drain Procedure

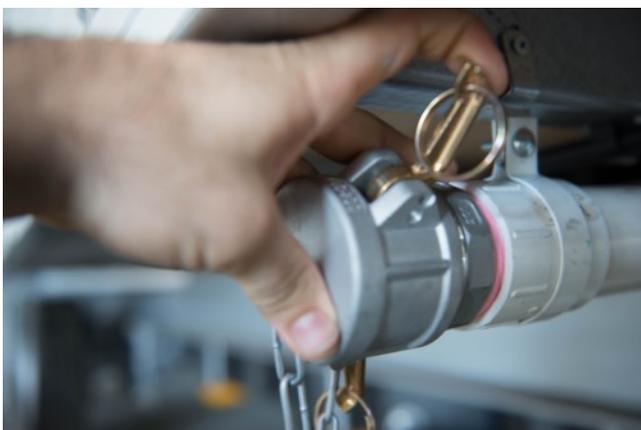
There are 2 waste tanks located under the trailer at the middle and rear of the mobile crib room. The Waste tank combined capacity is 1500L.

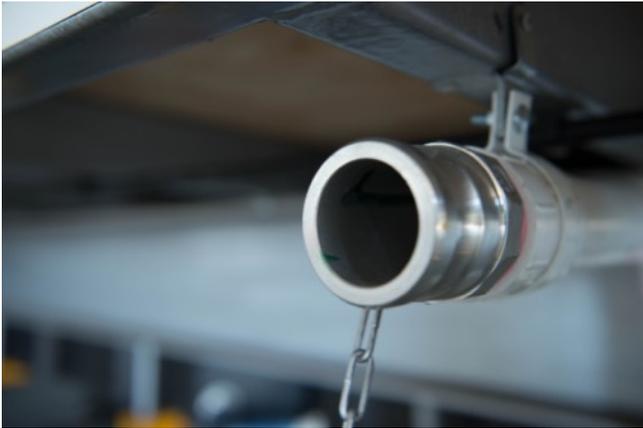


1. Locate the waste water pump out point.



2. Access the pump out point by releasing the latches located either side of the 50mm cam lock fitting cap.





3. Connect pumping hose and pump the waste out. Lock the Cap back on when finished.



4. There is also a manual valve for waste water drainage closer to the tank. When not being used ensure that this valve is closed shut (as pictured).

## **Service Parts and consumables list. User Manual Index**

1 - 126 Air Conditioning Unit

127 - 160 Rheem Boiling Water System

161 - 222 Kubota Diesel Generator

239 - 250 PM1 Pressure Grundfos

250 - 252 Merlin Liquid Level Alarm

255 - 272 JPA Water Pump Grundfos

Competent Area	Part	Part Number	ADR
Diesel Generator	outer air filter	6C060-99410	
Diesel Generator	inner air filter	32721-58242	
Diesel Generator	fuel filter	1G313-43560	
Diesel Generator	lube filter	HH150-32094	
Diesel Generator	v belt	19701-97010	
Trailer	3 axle Dog Trailer	10	
Trailer	L.E.D. Tail lights	BR601AR	CRN46028
Trailer	Clearance Lights	46318	BR4AR
Trailer	Revolving Light	30/00	ECE65
Trailer	Revolving Light Globes	12256	
Trailer	Towing Eye Bolt On	TQA-TE03	37721
Trailer	Weldable Tow Eye Block	TQA-TE01	37721
Trailer	Axles	640	
Trailer	Ball Race	00-38-14A55	
Trailer	Storage Tanks	ST4302	
Trailer	Front Suspension	38056	
Trailer	Bogie Suspension	387474	
Trailer	Axle Bearings (Inner)	HM218248	
Trailer	Axle Bearings (Inner)	HM212049	
Water Filter	20 micron filter	8372701954	10x2.5 inch