

Australia's own...
**PORTABLE TOILET
EMPTYING UNIT**



Keeping our waters clean

...providing a service to help m

As Environmental Protection Laws continue to tighten, we can help you stay on the right side of the law... but more importantly, preserve our waters for others to enjoy.

The discharge of sewerage into the water is having a damaging effect on the marine ecosystem, posing human health risks and decreasing the visual aesthetics of our waterways.

The Government has addressed this problem by tightening regulations on how sewerage can be disposed, and it is now up to us, the marine industry, to act!

Marine Sanitation Pty Ltd has done just that, with the development of a suite of products to assist boat owners and marina operators to clean up their act, and comply with new legislation.

We have developed the *Portable Toilet Emptying Unit*, designed to encourage boat owners to dispose of their sewerage in a safe way, that is clean, quick, and easy.

Three varieties have been developed to suit individual needs and to complement our range of *Dockside Discharge Pumps*.

It is time for us all to take more care of our waterways, and the *Portable Toilet Emptying Unit* provides a simple cost effective way to do so...

...are you ready to clean up your act?

Marine Sanitation Pty Ltd is a specialist marine plumbing business operating from Hastings, Victoria. Our experience and knowledge gained installing marine holding tank systems led us to the development of the Portable Toilet Emptying Unit.

Features include: - 316 easy to clean Stainless Steel cabinet with a small footprint of 720mm x 920mm - Relatively light in weight to enable an installation on a floating marina - Easy maintainable wash down facility to enable public to keep clean - Back flow prevention to ensure no contamination of water supply - Simple installation procedures - Simple instructions for use.

Model One — Stands in conjunction with the Dockside Discharge Pump

Model Two — Stands alone below sewer level and has its own pump

Model Three — Stands alone above sewer level and gravity empties



ELECTRONIC CONTROLS (models 2 & 3 Only)

- Closing lid activates automatic emptying and flushing slop sink for a period of three minutes
- Adjustable timers for both functions
- All electronics enclosed in water-tight control box
- Main isolation switch mounted inside cabinet

WASH DOWN TAP AND HOSE (models 2 & 3 only)

- A spring release tap connected to mains water mounted on side of cabinet
- 2.0m of 1/2" Nylon wash down hose for washing out portable toilet tank
- Retaining loop for hose when not in use

- Large 38mm diameter valves or malfunctions
- Delivers 240 volt power
- Tough marine grade
- Outlet connection

- Marine grade with fine mesh
- Base area
- Lockable
- Hinged lid
- Size - 720mm x 920mm

- High quality valves to
- Complies with applicatio

- Explosive
- Token op
- Customiz

Make Australian waters cleaner!

Discharge Pump and unitizes the pump of the discharge unit, washing down using the units wash down hose. own pump. It is connected to mains water for automatic flushing and washes down when lid is closed. ivity feeds to sewer. It is connected to mains water for automatic flushing and wash down when lid is closed.

SUCTION PUMP (model 2 only)

38mm suction pump with marine bronze housing and double duckbill on both sides of the pump to prevent siphons
90 litres per minute at zero head
50 hertz, 1HP electric motor
Nitrile, diaphragm for long life
Connection is a 50mm BSP

CABINET (all models)

Grade 316 Stainless Steel cabinet with brushed finish
Less than 0.3 of a square metre
Access door
Lid with large side curtains
400mm wide x 400mm deep x 100mm high

BACK FLOW PREVENTION (models 2 & 3 only)

Quality, double, reduced pressure zone prevent back flow
AS 3500-1 for high risk applications

OPTIONS

Motor proofing (model 2 only)
Operation in lieu of manual operation
Tokens, if token operation

SHIPPING WEIGHTS

- Model 1 - 48kg
- Model 2 - 98kg
- Model 3 - 55kg

INSTALLATION

Install unit in a convenient position for both access by boats and sewer connection

Model 1 - Connects to diverter valve provided on side of *Dockside Discharge Unit* with 38mm helix reinforced PVC sewer hose

Model 2 - Connect unit to sewer via:

- up to 10m using 50mm pipe
- up to 20m using 60mm pipe
- up to 30m using 75mm pipe
- up to 40m using 90mm pipe
- over 40m using 100mm pipe

Model 3 - Connects to sewer via 100mm pipe

*Contact your local sewerage authority for local requirements
Wiring diagrams provided and advise on installation available*

OPERATIONS

Model 1

- Ensure diverter valve on side of Discharge Unit is turned to 'Portable Toilet Emptying Unit'
- Lift lid and empty contents of Portable Toilet Tank into sink
- Insert token into discharge unit and pump will automatically remove waste from sink and run for three minutes
- Flush out tank with hose at side of Discharge Unit and empty into sink
- Flush out sink with same hose and close lid

Models 2 & 3

- Lift lid and empty contents of portable toilet tank into sink
- Close lid and sink will automatically empty and rinse
- Rinse out portable toilet tank and repeat above
- Replace hose into holder



MARINE SANITATION PTY LTD
ABN: 58 114 891 673

Helping you to a Cleaner Environment



Manufactured in Australia by:
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