

ecoflow



Pressurised Wastewater System



The World's Best Pressurised Wastewater System

The Standard in Reliability and Convenience

For over 40 years, E/One has led the industry with its revolutionary submersible, semi-positive displacement grinder pump system. E/One were involved in the first pressurised wastewater systems in the world and continues to be the world leader with over **500,000** grinder pumps operating globally in **38** countries. The successful history and track record of this system means councils, engineers, developers and homeowners can have full confidence that E/One is an effective public wastewater system for areas with difficult ground conditions as well as an alternative to traditional gravity or septic tank systems.

The E/One system is engineered to do the job perfectly. It consists of a robust polyethylene tank and a heavy duty E/One submersible grinder pump. All household wastewater is diverted to the underground tank, the pump starts automatically, grinds all solids to a small particle size and uses the helical rotor style mechanism to pump the wastewater from residences into council pipelines.

Ecoflow Limited is the New Zealand distributor of the E/One solution and was formed in 2007 by wastewater engineers specialising in pressurised wastewater systems. We are a locally owned and operated company and are proud to represent E/One equipment in New Zealand. With over **7000** grinder pump installations throughout the country, **Ecoflow** not only provides market leading equipment, we also have the best track record. We offer network design advice and ongoing support with our 24/7 service phone line.



Quality

The E/One name is synonymous with reliable, maintenance free grinder pump systems of the highest quality, designed with longevity in mind. Before a product is released it is subjected to meticulous performance tests. The robust underground tank is manufactured in New Zealand and is designed and tested to AS/NZS1546 specifications. It features an integrated stainless steel ball valve with pressure relief. The heavy duty cast iron grinder pump designed to ANSI/NFS 46 specifications is an industrial grade pump for residential use.

System Advice & Installation

Ecoflow will provide design advice and installation is carried out by local drain layers/contractors who have been approved and trained by **Ecoflow**.

Backup & Support

Ecoflow has service facilities based in Auckland and Christchurch. These fully equipped service centres provide support 24 hours a day, 7 days a week. In the unlikely event of an alarm activation there is sufficient storage in the tank for 24 hours of normal operation. **Ecoflow** or your council's utility services team will provide onsite service in the event of an alarm. The standard warranty period is two years, while extended warranties and different levels of service contract are available.

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SEWER SYSTEMS



E/One Alarm Panel

To maximise reliability and convenience, the E/One installation includes an IP65 weather proof alarm panel which also protects the pump from low voltage, running dry, and over pressure situations. In the event of an activation an alarm sounds and the light on top illuminates. Silence the alarm with the press of a button, then call your council's service number or **Ecoflow's** 24 hour service line.



Pressure Switch Housing

Pressure switches in the head of the pump for starting and stopping are similar to washing machine controls, eliminating the need for float switches which commonly fail due to fats, hair and rags.



Integrated Valves

The integral non-return valve protects against system back pressure and the anti-siphon valve facilitates downhill pumping applications.



Progressing Cavity Pump

This deceptively simple design produces a nearly constant flow under a wide range of continuously varying conditions.



Grinder Wheel and Shredder Ring

Hardened forged alloy steel cutter bars and teeth create a shearing action coupled with the high torque pump to eliminate blockages.



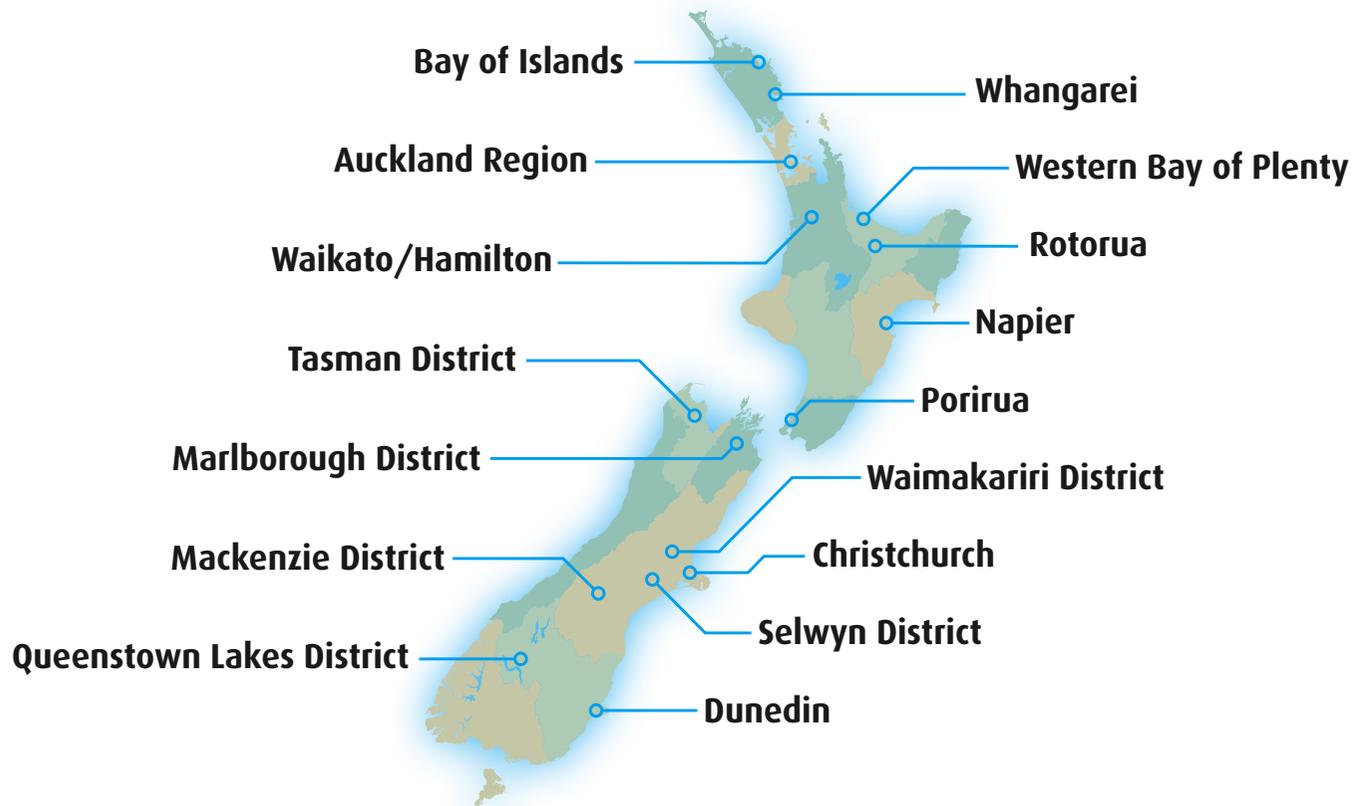
- Environmentally friendly
- No preventative maintenance
- Unobtrusive, low profile installation
- Extremely low noise and odour levels
- 24 Hour emergency storage capacity*
- Low power consumption \$20 to \$30 per annum*

*Depending on water consumption

ecoflow

www.ecoflow.co.nz

Over 7000 Installations Nationwide



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