

# IMPORTANT THINGS ABOUT YOUR OZZIKLEEN

This is a simple list of things to be aware of when using/installing your Ozzi Kleen waste water treatment system in order to get the most out of your system and to ultimately save you \$\$\$!

- The manufactures warranty begins from the **date of purchase**.
- Warranty is valid only when the equipment has been used in a normal manner and in accordance with the Owner's Manual and serviced by a duly authorised OzziKleen Service Provider every 3 months.
- Warranty is only valid to original owner of the system.
- Make sure the treatment plant is installed so that the base of the green motor box is **no less than 50 mm** above the natural ground level to avoid surface water entry. Allow for future landscaping or the importation of topsoil that is placed around the system after it is installed, which would cause the tank to be too low in the ground. If the system is installed too low, it will be the installer's responsibility to rectify.
- The treatment plant **must be commissioned** to ensure that the system is set up correctly and is operating and ready for use. The system **must not be used** until it is fully commissioned.
- Check that the irrigation system is working properly. Check and clean regularly, making sure they are operating correctly. Ensure irrigation hose does not become kinked or damaged. This should be a regularly occurring check, perhaps weekly.
- In the event of power failure or waiting for a technician to arrive, you should avoid using your household amenities in excess, as there would be no effluent pumped out and the system will overflow. Storage volume is approximately 1000 litres.
- If you are at any time renting out your property, please advise the tenants of the correct operating procedures.
- The Purchaser/Owner shall provide reasonable access to the treatment plant as necessary to carry out the regular servicing.
- Signs indicating that the treated water is recycled and is not fit for drinking have been provided and are to be erected in the irrigation area. This is a State Regulatory Authority requirement in all areas.

## **DON'TS:**

For your own convenience there are a number of **DON'TS** that you should be made aware of:

**Do not discharge any items to the treatment plant that cannot be biologically broken down or are not a source of food for the micro-organisms i.e:**

- Disposable nappies, tampons, sanitary napkins, condoms, plastics, paint, thinners, contents of a portable chemical toilet, or any other foreign matter.
- Large quantities of harsh cleaners, disinfectants, or any other substances or poisons that would be harmful to your system's ecology. Preferably use biodegradable products as this will also help the environment).
- **Excessive amounts of fats**, oils or grease, as this may cause problems within the biological treatment process. Fats have a calorific value of over 5,700 times that of normal sewage.
- Food scraps or the use of a garbage grinder, as this will increase the biological load on the system and could cause overloading.

As the owner of your treatment plant, it is to your advantage to understand the operating principles of the system and be observant as to what is happening from day to day. Look after your treatment plant and it will serve you well.

### **Warranty does not cover:**

- *Cleaning sprinklers of any blockages or damage to equipment caused by not clearing blockages.*
- *Any operational problems due to extraneous matter, fats or chemical spills in the sewage.*
- *Any parts broken or stolen from within the system due to transport or installation or misuse by any unauthorised persons.*
- *Any changes that are made to the treatment plant system from the original manufacture that is not*
- *Approved by the manufacturer including components that maybe modified removed or replaced that alters the treatment processes.*
- *Service Provider's time for replacement of any faulty parts or cleaning out of treatment system.*
- *Service Provider's travel expenses (vehicle and travel time).*
- *Service callout costs.*
- *No warranty if the system has been used as an external power supply for other electrical appliances.*
- *No warranty if the seal on the control box has been broken.*

### **Disclaimer**

Due to the unpredictable nature of Activated Sludge Systems and OzziKleen having no control over the incoming waste into the system – AGCO will not be held responsible for failed council inspections, blockages caused by excess fat, foreign matter or tank de-sludging.

## TROUBLESHOOTING GUIDE

**Note: Check that the sprinkler system is not blocked before requesting a service call. Sprinklers must operate at all times.**

The treatment plant has an audio-visual in-house alarm panel mounted inside your home. The alarm has a mute switch which can be turned off until the problem is rectified. If the alarm situation is not addressed within 10 hours, the alarm will reactivate. In the event of any troubleshooting query, please refer directly to your local authorised Ozzi Kleen Service Provider.

CAUSE	OPERATION PROBLEM	REMEDY
<p><b>1. High Water Alarm - buzz will sound and the LED will flash fast</b></p>	<p>a) High sewage flow discharging into treatment plant. High wash load, draining of spa bath, etc.                      b) Basket strainer blocked.                      c) Decant pipe blocked.                      d) Chlorinator blocked.                      e) Effluent pump fails to run when pump well is full.                      i) No power supply.                      ii) Float switch stuck.                      iii) Electrical fault in motor.                      f) Blocked sprinklers.                      g) (Optional) Sand filter may need backwashing.</p>	<p>a) The plant will automatically go into settling and then decant mode. After approximately 30 minutes, the effluent pump should start and then the alarm should cancel.                      b) Clear any blockages.                      c) Clear any blockages.                      d) Clear any blockages.                      e) Pump checks:                      i) Check plug and power supply.                      ii) Check that float switch is free to operate in pump well.                      iii) Call Service Provider.                      f) Check sprinklers. Clear any blockages.                      g) Backwash filter as per backwash procedure.</p>
<p><b>2. Blower Alarm buzzer will sound and the LED will flash slow</b></p>	<p>a) Broken or damaged air lines causing low air pressure.                      b) Air diffusers ruptured.                      c) Faulty blower components.                      d) Blower protection switch activated (Yasunaga Blower only).</p>	<p>a) Call Service Provider.                      b) Call Service Provider.                      c) Call Service Provider.                      d) Call Service Provider.</p>
<p><b>3. Treatment Plant Smelling</b></p>	<p>a) Power turned off due to alarm being activated.                      b) Plant biomass killed-off.                      c) Blocked sprinklers causing ongoing high level alarm condition.                      d) Diffusers blocked causing loss of aeration.                      e) Diffuser partly ruptured causing poor aeration.                      f) Plant put into use prior to commissioning.</p>	<p>a) Always leave power on.                      b) Pump out aeration tank and refill with clean water. The biomass may be killed-off by toxic chemicals discharged to the system; i.e. harsh cleaners, portable chemical toilet contents, excessive antibiotics, etc.                      c) Check sprinklers. Clear any blockages. An ongoing high level alarm condition will stop the treatment process. Extended alarm periods will result in loss of treatment, causing odours.                      d) Call Service Provider.                      e) Call Service Provider.                      f) Do not use treatment plant before commissioning. Septic, anaerobic conditions in the treatment plant will cause</p>

## ROUGHLY HOW MUCH DOES IT COST TO RUN AN OZZI KLEEN?

### Air Blower

100 watts = 0.1 kilo watt (kW)

Energex charges approx. 28¢/kWh

$\approx 28¢ \times 0.1 \times \text{approx. 12 hours running time per day}$

$\approx 33.6¢ \text{ per day}$

### Irrigation Pump

400 watts (standard pump supplied) = 0.4 kW

Energex charges approx. 28¢/kWh

$\approx 28¢ \times 0.4\text{kW} \times \text{approx. 0.75 (based on 3/4 hr running time per day,}$

Dependant on usage)

$\approx 8.4¢ \text{ per day}$

Total Cost of electricity to run an Ozzi Kleen

$\approx 33.6¢ \text{ (air blower)} + 8.4¢ \text{ (irrigation pump)}$

$\approx 42¢ \text{ per day}$

$\approx \$2.94 \text{ per week}$

**$\approx \$153.30 \text{ per year}$**