

**YOUR SUPER-TREAT SYSTEM-**  
***HOW DOES IT WORK?***



- Your Super-Treat System provides for the household wastewater from ALL sources to be treated to a secondary level of wastewater treatment with the outgoing recycled water clean and clear without any odour delivered to garden areas
- Household wastewater from all plumbing in the house receives ‘ primary or anaerobic treatment in the primary chamber before passing into the secondary aeration chamber where aeration or ‘aerobic’ treatment occurs.
- Before being delivered to the irrigation area the treatment provides clarification and disinfection
- The entire process operates automatically providing as well as effective processing of household wastewater the availability of that treated water for reuse to your garden areas.



**THE PRIMARY TREATMENT-**  
***WHAT DOES IT DO?***

- This is the initial process providing the primary treatment to the incoming wastewater.
- The sizing of this chamber is critical for effective treatment and is sized so as to cater for up to 10 people (10 E.P) in residence in the home.
- The primary treatment breaks down and partially treats incoming wastes while retaining the solids. The resulting liquid however still contains high levels of unhealthy bacteria.
- Effectiveness of this process is best provided when a ‘blanket’ (scum layer) has formed on the surface and a sludge layer exists on the chamber floor.
- After a number of years when this chamber has reduced operating capacity down to 50% due to build up of both scum and sludge layers then this chamber needs a pump out to provide the required capacity.

**CARING FOR THE PRIMARY CHAMBER-**  
***A FEW TIPS!***

- **The septic tank chamber contains living organisms and is an essential part of the whole process. It will work efficiently provided normal care exists about what goes into the system from the home.**

**Toilets:** Materials like cardboard, newspaper., sanitary items, disposable nappies and similar such items can block sewer lines. Put them in the rubbish bin, not down the toilet. Any deodorisers containing chlorine can affect the system's primary chamber bacteria presence as can heavy loading of any anti-bacterial products.

**Bathroom:** Many domestic tile cleaners contain ammonia and other caustic materials. These can effect the operating bacteria living in the chamber and should be used in moderation.

**Kitchen:** Many dishwasher products contain high concentrations of alkaline salts which may effect the primary chamber. Liquids are usually gentler and equally efficient.

**Laundry:** Use only the recommended quantity and preferably low in phosphate. **More is not better!** Should you soak nappies or clothes in bleach type products, use a bucket and dispose of this separately.

The simple rule is using any questionable products is **MODERATION** and you should then not experience any difficulties. The incidences reported of problems encountered in this way are minimal.



## THE AERATION CHAMBER-

### *WHAT DOES IT DO?*

This is the secondary major chamber of the system, a weatherproof cover mounted on the tank lid contains the incoming power socket, with all electrical controls. Inside the chamber, wastes received from the primary chamber are in oxygen rich conditions completing the cleaning process.

- When adjacent to the system you will observe a low hum and a bubbling sound from within the chamber. This is the air blower operating supplying air into the aeration chamber.
- Irrigation disposal occurs when treated and disinfected water reaches a predetermined level triggering the pump operation for disposal, the more water used in a given day will increase the number of disposals.

**PROTECTING YOUR SYSTEM-  
*REGULAR MAINTENANCE!***



- On-Site Treatment Plants are regulated requiring State Approval through The Department of Infrastructure and Planning for Sale, and, Local Government Authority for installation approval and to ensure regulatory quarterly maintenance requirements are fulfilled.
- Super-Treat Systems have locally available service personnel to fulfil quarterly preventative maintenance. Your system is covered for the 1<sup>st</sup> Years service and toward the expiry of that term an offer of ongoing annual maintenance for the coming year is presented.
- The service provides a complete system check and a report of the condition of the system, providing a written report of that call, plus submitting a copy of that report to the Local Council
- The Super-Treat serviceman knows your system better than anybody else, he is available to answer any questions you may have.
- Having your Super-Treat System in top operating condition is important to your family's well being.

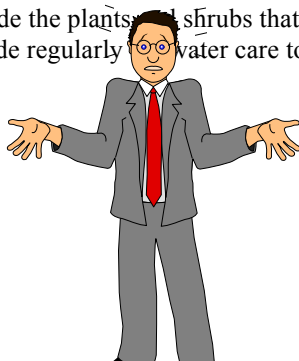
**IRRIGATION DISPOSAL-  
*THE ESSENTIAL FACTS!***

The disposal method approved by your Local Council was the manner by which your irrigation was installed.

With a little care this automatic daily disposal of treated wastewater will provide an attractive part of your garden.

The spray out or dripper disposal should receive regular examination to check sprays aren't blocked and drippers are clear and free plus there are no kinks or severe restricting bends in the disposal line.

Provide the plants and shrubs that a best suit local conditions and have your Super-Treat System provide regularly water care to your garden.



*The alarm system provided with your Super-Treat System is to alert you to two possible circumstances:*

1. Failure or blockage to the irrigation pump's operation.
2. Failure or pressure reduction from the air blower to the system.

***The alarm will come on when either of those conditions exists.***

**Check firstly** that fuse in mains box feeding the system is O.K. and power is reaching the system

**Call you local service agent! Do not wait days before making the call as costly damage may occur if the alert warning is ignored.**

Your service agent will respond to your call within 24hours. Do not attempt repairs yourself as you may void Warranty.

In discussion with the serviceman it is helpful if you provide information as to:

- |                              |                           |
|------------------------------|---------------------------|
| Is the Air Blower operating? | Any odour present?        |
| Irrigation pump operating ?  | Sprays, drippers working? |



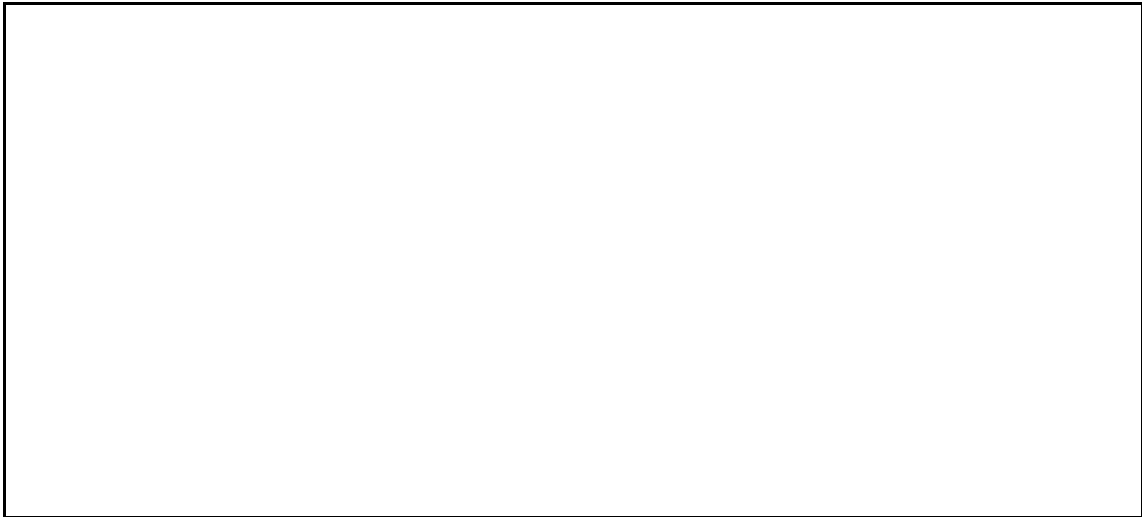
**GOING AWAY?      WHAT TO DO!**

Should you plan to be away for up to one month (4 weeks) leave system running.

Should you be planning an extended holiday contact you service agent for advice.



**YOUR PERSONAL SERVICE AGENT.**



***Your Warranty is for a period of 24 months from installation date***

*The only exclusions to your Warranty are for damage due to fire, flood, vandalism or owner interference to the systems controls, and or, damage due to supplementary irrigation systems attached for system disposal. The system is intended to be serviced by our authorised service agent and it is advisable to have that service provided to ensure complete protection particularly during the life of Warranty term.*

*Our desire is to have your system operating efficiently and to avoid any breakdowns or major repair costs. The simple procedures outlined in this booklet will greatly assist in achieving that objective.*

*Labels are supplied to you with this booklet for installation in those areas of the home that have water sourced facilities serving as reminder to you and your guests.*

***Remember whatever you dispose of down drains, toilets etc remains in your system.***

## **WARRANTY**

Your Super-Treat Sewage Treatment System is guaranteed to be free of any defects in materials or workmanship at the time of installation.

Should any mechanical, electrical or manufactured part/s fail as a result of defect within 24 months of installation, the part/s will be replaced free of charge.

During the 12 months following installation, a cost free quarterly maintenance programme is provided including replenishment of required chlorine tablets.

This Warranty is governed in total by your conditions of sale

# Super-Treat

## OWNERS REGISTRATION CARD

**PLEASE COMPLETE THIS CARD AND RETURN TO US FOR WARRANTY REGISTRATION**

INSTALLION DATE.....MODEL No.....

OWNERS NAME .....

ADDRESS .....

PHONE (H) .....MOBILE.....

COUNCIL .....

Usual Number occupants .....

Adults .....Children .....

**WARNING – CHLORINE**

Your "Super-Treat System" uses CHLORINE TABLETS in the pump out chamber as a final disinfectant prior to disposal.

The disinfected water from the system has less disinfectant than that applied to normal town water and with no detrimental effect on plants or garden products.

As part of quarterly servicing, your serviceman will replenish the supply of tablets so there is no necessity for them to ever be handled by you.

The CHLORINE USED IS CALLED TRICHLOROISOCYANURIC ACID and is in 200 gram tablets. Referred to as TRI-CHLOR TABLETS and in common use in the disinfection of swimming pools.

The use of any other type of chemical or chlorine could cause physical harm and affect the proper operation of the system. No two chlorine type products should ever be used together.

Manufactured by

***Super-Treat Systems (Qld) Pty Ltd***

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