



Owners Manual Rootzone A1200



Congratulations on being a leader in the field of environmentally friendly waste water treatment and reuse. Your choice of a Rootzone wastewater treatment system will contribute to the reduction of greenhouse gas emissions because your system is essentially a very low energy low maintenance treatment device that is simple “set and forget technology”.

However, there are some dos and don'ts which are applicable. Remember that this is a biological treatment that relies on billions of beneficial bacteria to feast on your waste water and cleanse it. So please keep to an absolute minimum the use of harsh bleaches and chemicals in your toilets and washing machines and give the bacteria every chance to do their job.

Next, remember that the treated effluent is being used in your garden and in the long run there are some chemicals used in your home that are potentially detrimental to your garden and we refer here principally to sodium and phosphorus which are present in significant quantities in your washing machine and dishwasher powders etc. So, please use low sodium and phosphorus detergents (the concentrations of these can be found on the container).

A very good article on the relative quantities of both these chemicals in washing powders and liquids is available at www.lanfaxlabs.com.au/publications.

Your system has a guaranteed life of 15 years with minimal maintenance requirements and you are not required to nor should you attempt to alter any of the settings on either the treatment or irrigation systems.

The only householder maintenance that you could carry out is to remove weeds from the reed beds and clean the irrigation prefilter (if fitted). Once the reeds are well established the weeds do not really stand a chance. Remember that the effluent is not disinfected at this stage so wear waterproof gloves and wash properly afterwards. Please do not walk on the top of the beds while you do this as compaction is not good for the water flows. It is quite normal for the reeds to go dormant in winter and if you wish you can cut them back then but certainly not for the first two growing seasons.

Your installer will make four visits in the first year after installation and one/year after that. At the annual inspection he will check the operating level of the horizontal bed to ensure that water remains subsurface and adjust if necessary. He will also check the operation of any pumps and alarms and check the condition of the septic tank.

A condition of installation and provision of the treatment unit is that only Rootzone trained personnel are allowed to alter settings and maintain the system.

If your site is very level there may be a high level alarm to indicate pump failure but immediate attention is not required as you have 24 hrs to get the problem fixed (call your installer)