

# The RotaLoo Composting Toilet

Simply the best composting toilet there is!

1. The big advantages that the RotaLoo has over all other on site systems are: very low maintenance and operating costs, less than \$20 per year; no odours and no ongoing maintenance charges. **It does not use water nor chemicals.**
2. It has a LOW profile, 95 cms (37.5 inches) in height, able to be used by a family of 7-8 for full time use. An even lower unit the RotaLoo Mini, is just 65 cms (25.5 inches) high will service a family of up to 4 or 5.
3. The RotaLoo composting toilet and the RotaLoo Greywater trench are fully approved by the Environmental Health Department of W.A. for use on blocks as small as 1000 sq metres. The RotaLoo offers a complete alternate earth caring system for home or public use.
4. There is no need to dig deep holes or excavate large quantities of soil. No support structures are required for RotaLoo's, just a firm level surface.
5. RotaLoo's are factory assembled and only need the waste chute, pedestal, fan assembly and vent pipe to be fitted. Total installation time can be less than 4 hours. Advantages 2- 5 as outlined above mean low installation costs
6. The RotaLoo's inner composting tank comprises of 6 or more individual bins which provide small manageable portions of the end product, humus. As each bin is filled it is then rotated and the contents are allowed to complete the composting process without any fresh material being added. The finished individual bins are then removed and the humus can be used as fertiliser under mulch on fruit trees or vines. All other composting systems have one large chamber where the compost has to be removed by back breaking work. In our dry summers the compost can become solidified and is then extremely difficult to remove. The RotaLoo is free of these design flaws.
7. RotaLoo's can use either a 240V fan with 5 hours uninterruptable power supply or 12V/24V solar powered fan to ventilate the unit and evaporate the liquids. In areas with constant wind, a high efficiency turbo vent can also be used.
8. In many cases an insulated RotaLoo installation does not require external drainage. But should it be required it can be installed with a nimii drainage trench or a Soltran evaporation module. This means that RotaLoo's can be a completely sealed system installed in environmentally very sensitive sites.
9. The RotaLoo has been designed as an efficient composting system and does not need the introduction of earthworms to provide a safe end product - humus. However, if the owner wishes to add earthworms or herbs to assist the composting process this can be done.