



Smart Sewage Solutions P/L

Wastewater Treatment Systems
Concrete & Poly Water Tanks

P O Box 3006
West Ipswich QLD 4305

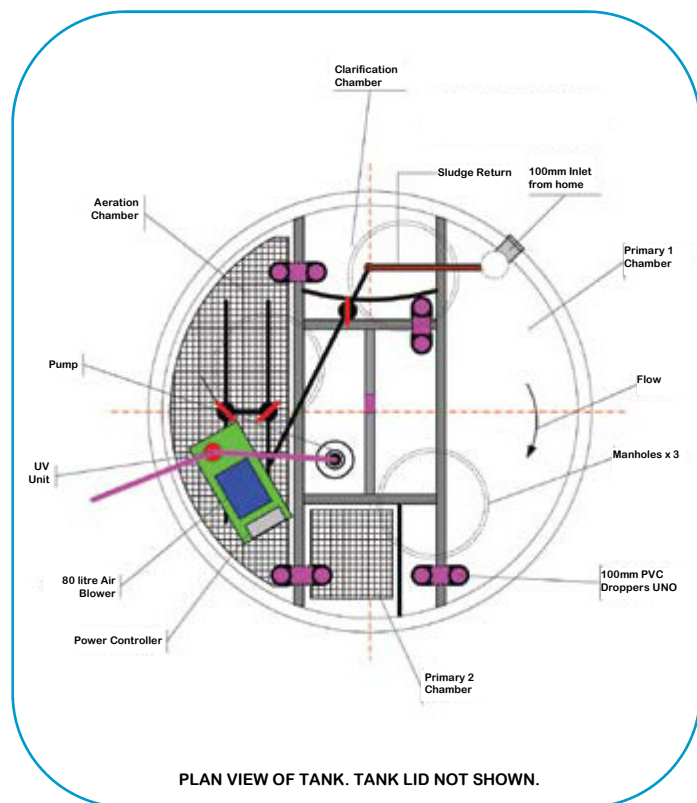
Krystel Kleer CD Series

Secondary Treatment Nutrient Reduction

The **Krystel Kleer CD Series** treats your wastewater to a **Secondary** level using either **Ultra-Violet light** or **Chlorine disinfection**. It also **reduces nutrients and phosphates**.

ABOUT THE SYSTEM ...

- Clear and odourless recycling of all your wastewater.
- Caters for up to 10 persons (CD100) or up to 15 persons (CD6000V)
- Secondary treatment level.
- Your choice of clean Ultra-Violet or Chlorine disinfection..
- For environmentally sensitive areas.
- Full local and State government approvals.
- Full warranty on tank and all components.
- Manufacturer's warranty on system's pumps and blowers.
- Ease of maintenance and servicing.
- Single purpose-built tank system meaning ease of installation with least disruption to you.
- Fully automatic operation with audible and visual alarm systems.
- All tanks are manufactured to the Australian Standard AS NZS 1546.1-2008.
- All component systems are manufactured to Australian Standard AS NZS 1546.3-2008.
- Professional in-house after sales service.
- Emergency breakdown service by qualified technicians.



AVAILABLE AS A CONCRETE OR POLYMER SYSTEM

Operation Procedure in brief

- All wastewater from bathrooms, kitchens and toilets is piped to the treatment plant.
- Water enters the pre-treatment chamber where a breakdown of solids is performed by anaerobic bacteria.
- Solids settle and liquid flows into the 2nd stage of treatment.
- Waste is filtered through a bank of bacteria-filled membrane and is aerated at the same time. The aerobic bacteria oxidise the organic matter.
- Liquid flows to the base where small particles float to the bottom.
- Treated effluent flows into the pump-out chamber and is pumped out on demand via the UV (or chlorine) disinfection centre to your designated irrigation area.

HOW THE CD-UV SERIES COMPARES ...

TEST RESULTS	AUST. STANDARDS	CD/UV SERIES
BOD5 oxygen demand	<20g/L	<10mg/L
TSS suspended solids	<30g/L	<10mg/L
T-N nitrogen	no requirement	<10mg/L
T-P phosphorous	no	4.26

ABOUT US

We enjoy a strong relationship with our customers, keeping in contact with them, listening to them and ensuring that the products we supply meet their needs.

We work closely not only with you, but also with your builder, plumber and local Council to make sure that your treatment system is delivered and placed hassle-free! We've had years of experience in doing just that, and our knowledge of the rules and regulations governing this industry and our local Councils is extensive.

You can be assured that it is our continuing commitment to provide excellent customer service, supported by the quality of the products and services we provide, and our ongoing membership and Vice Presidency of the Qld Wastewater Practitioners Association.



Krystal Kleer
TREATMENT SYSTEMS

WHERE TO NEXT? CONTACT US NOW!

- Council approval is required for all Aerated Wastewater Treatment systems.
- We can assist you through all application and approval procedures with the AWTS and also all of your water tank requirements.
- We can recommend an experienced and qualified geotechnical engineer to carry out the necessary Site & Soil report required for council submission.
- We are of course available to meet you onsite to assist you.
- We will provide you with a firm quotation for the treatment system and, if required, concrete or poly water tank/s. NO HIDDEN EXTRAS!
- Our ongoing management of your project will ensure a positive final outcome with minimum disruption.
- We will arrange for a trouble-free installation to suit you. This should only take around half a day to complete.
- Complimentary servicing of your product for one year is included upon purchase.
- Ongoing servicing of your AWTS will be offered each year.



CD Series

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