

AQUATRON IN BELIZE

CONTACT

AQUATRON

COMPOSTING TOILET SYSTEM

REFERENCES EXERPT

- * Marine Ranger Station, Costal Zone Management Authority and Institute
- * Five Sisters Lodge, Mountain Pine Ridge
- * Hunting Caye, Dormitory, Belize Defense Force
- * Laughing Bird Caye, Friends of Nature, Placencia
- * Residencies in San Pedro
- * Residences Mountain Pine Ridge, among others



- * The Award Winning System among the Biological Compost Toilet Systems
- * Highly effective and available for the same price as a Septic Tank
- * Proven for more than twenty years worldwide
- * Successfully working in Belize since 1998



EFTEC - Environment Friendly **TE**chnology

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INTRODUCTION

AVAILABLE IN BELIZE

- * Advanced composting toilet technology for water flushing toilets
- * Compost chamber produced in Belize in cooperation with Aquatron International Sweden
- * Combination of modern hygiene and proper ecological environmental treatment
- * Regular water flush closets can be connected
- * No bad smell or expensive maintenance
- * Simple to install
- * The perfect investment according to the laws
- * Comparable costs to common septic tank systems
- * Septic tank maintenance costs are eliminated
- * Meets all the requirements of Department of Environment (DOE) of Belize

RECOMMENDATION

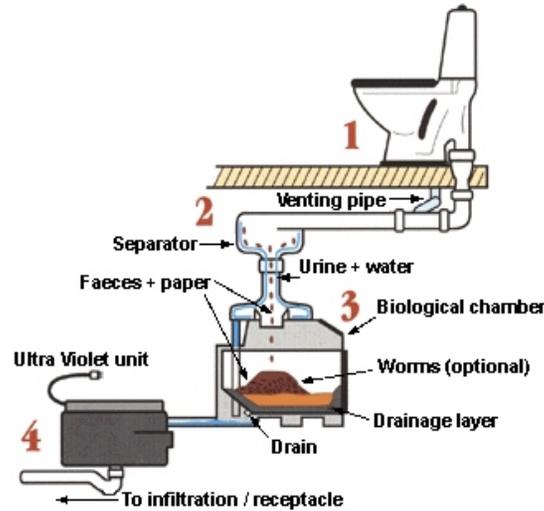
Recommended by the Department of Environment for areas which require special watershed protection including:

Placencia, Hopkins, Corozal all the Cayes, especially San Pedro and Caye Cauker as well all residences along the rivers.



HOW IT WORKS

1. Aquatron uses standard Water Closets (flushing volume 3-6 litres)
2. When the toilet is flushed, the contents of the bowl are transported to the Aquatron Separator where approx. 98 % of the liquid fraction is separated by using the momentum of the flushing water, centrifugal force and gravity. The Aquatron Separator needs no moving parts.



3. The solid waste (paper and faeces) falls down into the Bio Chamber where it is composted by bacteria. The composting process is free from odor and flies because the Bio Chamber is ventilated and the small amount of liquid following the paper down into the Bio Chamber is removed by a drain at the base of the Bio Chamber. When the Aquatron 90 and 400 models are emptied, the refuse must be composted to soil in the garden together with the normal garden and kitchen waste. However, the models 4x100, 4x200 or 4x300, require no further composting.
4. The liquid proceeds to the UV unit where it is exposed to Ultra Violet light which kills bacteria and viruses. The liquid may then be treated as Grey Water (bath, dish washing and laundry water) which means that the toilet wastewater may be infiltrated into the ground or into a suitable receptacle. Since the liquid fraction is separated from the solid waste, Aquatron Systems are not sensitive to peak load usage.

Type Approval Certificate No 0790/91 issued by SITAC Sweden.

EFTEC

Environment Friendly **TECH**nology

is the exclusive and authorized distributor of Aquatron Biological Toilet Systems in Belize, Central America.

EFTEC is a private company in Belize, which was incorporated in 2005 to promote and provide environmental friendly technology and products. The enterprise was established as a result of experienced and committed experts working together with the environmental society in Belize since 1995 to promote and initiate renewable energy techniques like solar and wind as well as biological toilet systems for sustainable development.



We offer our expertise and assistance for your sewage water needs in choosing the perfect system, ensuring proper installation and effective operation, that will guarantee long lasting satisfaction.

Do you want to know more?
Please feel free to contact us for more information and free consultation.