

Rainwater Harvesting option

Rainwater harvesting is a relatively simple and effective method of retaining drained roof water for reuse. Captured rainwater can be used for many applications on a property that uses non-potable water. These applications include urinal and toilet flushing, supply for sub-surface irrigation systems, car washes, etc. By using the "free" water from the sky, your utility bills will be lowered. Another benefit of rainwater harvesting is that it helps reduce the chance of flooding in the storm sewers. By diverting the rainwater to another source, the water entering the standard drainage system is minimized and can help the sewer from becoming overwhelmed in heavy downpour situations.



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To support you locally, Brac Systems has a number of distributors, dealers and consultants



The solution for Greywater Recycling

CGW Series Commercial Product Brochure

COMMERCIAL

The CGW Series Greywater Recycling Systems

have been sized to work for all applications where capturing greywater for reuse in toilet flushing or irrigation systems has been specified. Our systems are fully scalable and can operate in high demand commercial environments.

Greywater recycling offers consistent water availability to overcome drought and water restrictions. Architects can design sustainable buildings that drastically reduce water use by reusing water that would otherwise be destined for the sewer. Greywater systems are a viable means of reducing the impact on our freshwater resources and therefore have become a popular option in Green Buildings. The same reduction in outgoing sewerage can be experienced when greywater is treated and recycled rather than going to the sewer.



Intelligent Pumping System



Approved By:



Reduce, Reuse, Recycle

Greywater recycling in apartment blocks, townhouse complexes, commercial and industrial buildings, is now feasible by using the CGW Series BRAC Greywater Recycling Systems in the building's design. Engineers are seeking compact, all-in-one systems that allow recycling for irrigation or internal reuse in toilets and laundries.

BRAC's technology is Canadian made

with International patents pending. The CGW Series uses the well-proven treatment processes of dual-stage filtration and chlorine disinfection. The filtration process captures particles larger than 100-microns while the chlorination eliminates any harmful bacteria and pathogens. The system is fully automated, and is designed to require scheduled maintenance. On-line and remote monitoring devices can be added, and these can integrate with building automation systems.

Operation

An easily understandable and detailed operation and maintenance manual is included. The maintenance personnel will receive precise instructions while the system is brought into service. If required, technical advisors can be present during installation and start-up.

Features

- All-in-one system. No extra components needed.
- In-ground main holding tanks
- In-ground primary and secondary filter housings
- Managed Chlorination System (MCS) with dedicated pump
- Variable frequency, constant pressure greywater pumping system
- Primary and secondary filter alarms
- Freshwater and greywater flow counters

BRAC Systems smart pump technology

can deliver constant pressure greywater at a rate of up to 450 GPM. With multiple main holding tanks linked in parallel and buried underground, together with a common greywater screening and filtration system, the CGW Series provides a scalable system suitable for daily hydraulic loads of up to 180,000 gallons per day*.

*Maximum flow by gravity through a 4" sewer pipe based on standard engineering calculations, full-flow, 1/4 pitch, would be approximately 125 GPM.

Reliable and guaranteed system

Our robust, reliable and simple design makes for a smooth operation. All electrical components are guaranteed for 2 years while the main holding tank and filter housings have a 10 year warranty.

GREYWATER