



The **solution** for **water shortages**

## Greywater Recycling

### BRAC System CGW-5000

The CGW-5000, with a liquid capacity of 4300 Litres (1140 US Gal.), is a compact to mid-sized commercial system designed for applications for up to 120 persons, such as apartments, hotels/motels and office buildings. For instance, an application for a CGW-5000 would be a 40-room apmt. building with an average of 120-person occupancy, each contributing 50 Litres (13.2 US Gal.) of greywater daily. This would be sufficient enough water volume to take care of the entire buildings daily toilet flushing requirements.

#### Features of the BRAC System

The BRAC CGW Commercial System is a complete all-in-one greywater recycling system which includes an in-ground holding tank, in-ground primary and secondary filter housings, a managed chlorination system with a dedicated pump, a variable frequency, 5hp constant pressure greywater pumping system, primary and secondary filter alarms, and water counters for both fresh water and greywater to show water consumption and savings.

#### Price:

CAD\$30,740.

#### Capacity:

5000 Liters  
1320 US Gallons

#### Liquid Capacity:

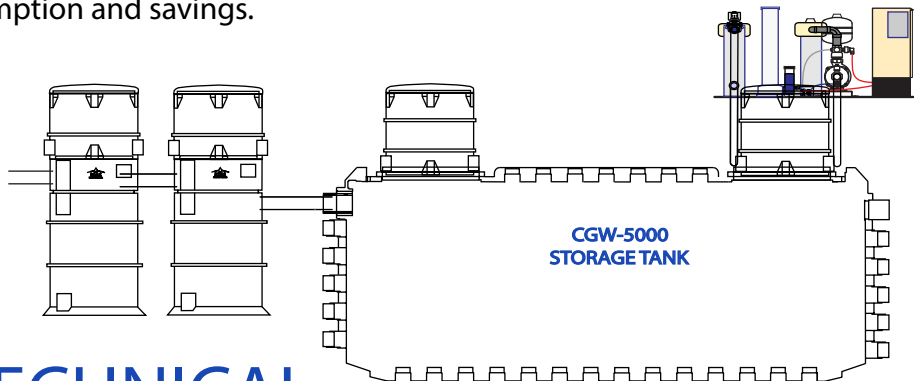
4300 Litres  
1140 US Gallons

#### Dimensions:

Width: 49 1/4" (133 cm)  
Height: 68 1/8" (172 cm)  
Length: 148 3/4" (372 cm)  
Length Filters : 32" (80 cm)  
Total Weight : 750 lbs (340 kg)

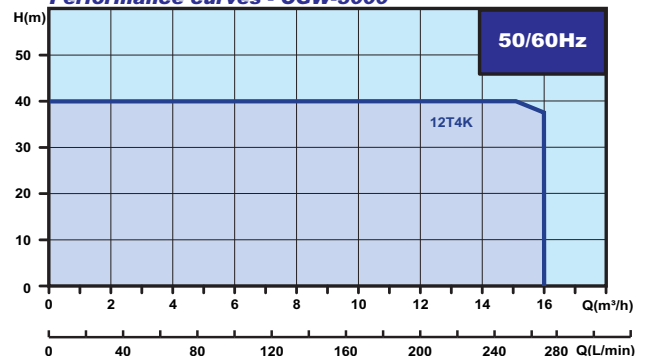
#### Space Requirements:

Length: 23' (7 meters)  
Width: 8' (2.5 meters)  
Depth: 7.25' (2.25 meters)



## TECHNICAL DATA SHEET

Performance curves - CGW-5000



#### Pump Specifications:

Pump	Power (HP)	Cycle (Hz)	Phase (O)	Voltage (V)	Inlet Outlet	Pre-Set (PSI)	H max. (ft.)	Q max. (GPM)
Greywater	5	60	1/3	230/460	2"	56	132	53
Chlorinator	1	60	1	115/230	1"	36	154	24

#### Commercial CGW-5000

Estimated Power Consumption	Volts	Amp	Watts	Max Time Per Day Used in Minutes (*3)	Hours Per Day Used	kWh Day	kWh / Year
kw/hour Main Pump	460	6.8	3128	302.4	5.04	15.8	5754.3
Chlor Pump	120	11	1320	15	0.25	0.3	120.5
<b>Total</b>					<b>5.3</b>	<b>16.1</b>	<b>5874.7</b>
						<b>\$ 1.13</b>	<b>\$ 412.41</b>

(\*3)

Based on 120 people, 7 flushes per Day per person, 6 liter Tank (1.5 US Gallons)

\*\*\*Rates will vary from region to region\*\*\*

**Brac Systems** 4034 Poirier Blvd., Ville St-Laurent Montreal, Quebec, Canada, H4R 2A5

**Tel.: 514-856-2722, Fax.: 514-856-2723**

**info@bracsystems.com - www.bracsystems.com**