



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

## Greywater Recycling

### BRAC System CGW-3400

The CGW-3400, with a liquid capacity of 3000 Litres (792 US Gal.), is our most compact commercial system designed for smaller apartments, schools, motels, shelter homes or when space is limited. For instance, an application for a CGW-3400 would be a 20-room apartment building with an average of 60-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\$28,870.

#### Capacity:

3400 Liters  
897 US Gallons

#### Liquid Capacity:

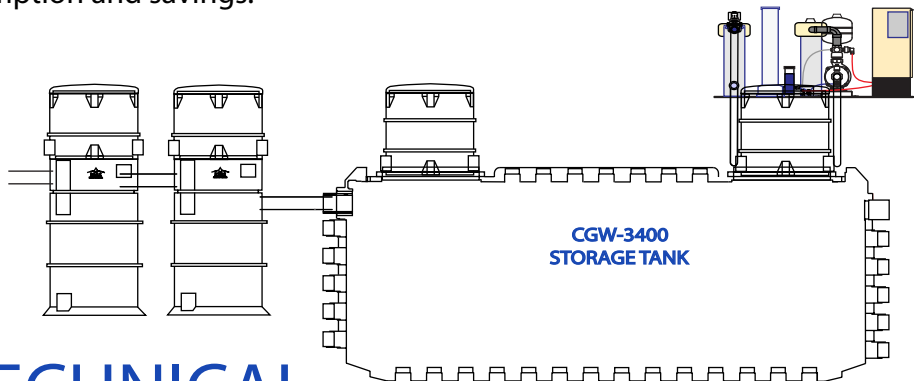
3000 Litres  
792 US Gallons

#### Dimensions:

Width: 52" (130 cm)  
Height: 53 1/4" (133 cm)  
Length: 121 1/2" (304 cm)  
Length Filters : 32" (80 cm)  
Weight: 550 lbs (250 kg)

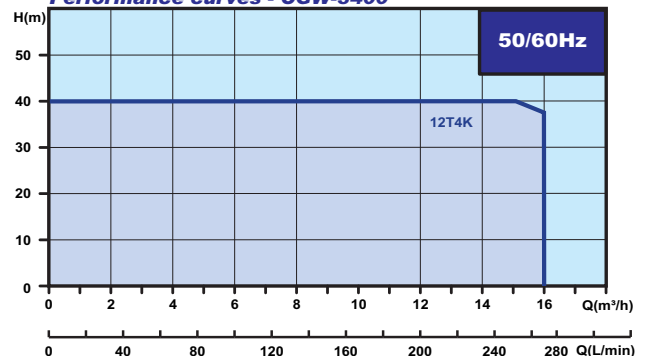
#### Space Requirements:

Length: 20.5' (6.25 meters)  
Width: 8' (2.5 meters)  
Depth: 6' (1.8 meters)



## TECHNICAL DATA SHEET

Performance curves - CGW-3400



#### 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-3400

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\*\*\*

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