



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

Greywater Recycling

BRAC System CGW-19800

The CGW-19800 is comprised of three 6600 main holding tanks connected in series and is specifically used in applications when a higher flow volume of greywater is required. The high output 15hp pump manufactured by Brac Systems Inc. is capable of delivering 50,000 Litres /hour (13,192 GPH) @ 71psi. This high output will assist in delivering the greywater at above minimum working pressures when used in taller buildings or for multiple flush valve applications. The CGW-19800 can be used in many different applications ranging from labour camps to vacation resort's laundry services, and every fit in between.

Features of the BRAC System

The BRAC CGW Commercial System is a complete all-in-one greywater recycling system which includes three in-ground holding tanks, multiple in-ground primary and secondary filter housings, managed chlorination systems with dedicated pumps, a variable frequency, 15hp 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\$49,990

Capacity:

19800 Liters
5226 US Gallons

Liquid Capacity:

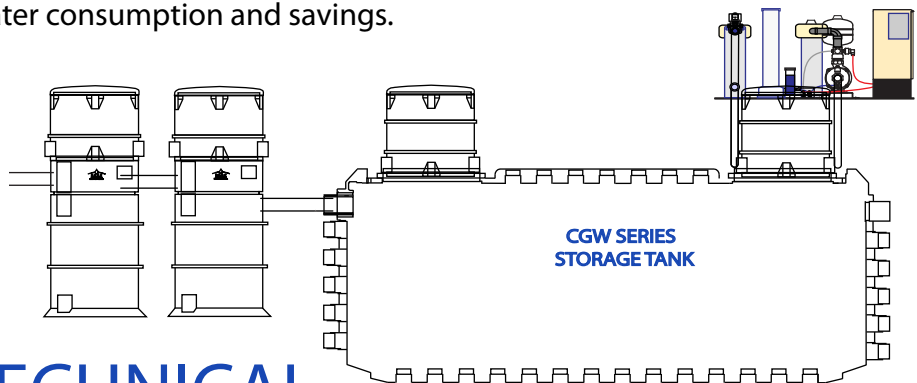
17400 Litres
4590 US Gallons

Dimensions X 3:

Width: 52 3/8" (131 cm)
Height: 67 3/4" (170 cm)
Length: 155" (388 cm)
Length Filters : 32" (80 cm)
Total Weight : 2385 lbs (1084 kg)

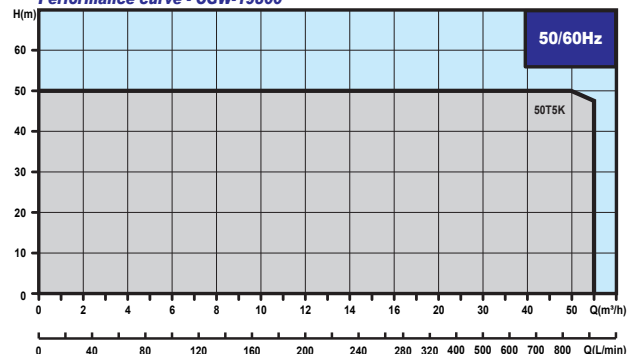
Space Requirements:

Length: 26.25' (8 meters)
Width: 24.6' (7.5 meters)
Depth: 7.25' (2.2 meters)



TECHNICAL DATA SHEET

Performance curve - CGW-19800



Pump Specifications:

Pump	Power (HP)	Cycle (Hz)	Phase (O)	Voltage (V)	Inlet Outlet	Pre-Set (PSI)	H max. (ft.)	Q max. (GPM)
Greywater	15	60	1/3	230/460	4"	71	164	219
Chlorinator	1	60	1	115/230	1"	36	154	24

Commercial CGW-19800

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
Total					5.3	16.1	5874.7
						\$ 0.07	120
						\$ 1.13	\$ 412.41

(*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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