



The solution for water shortages



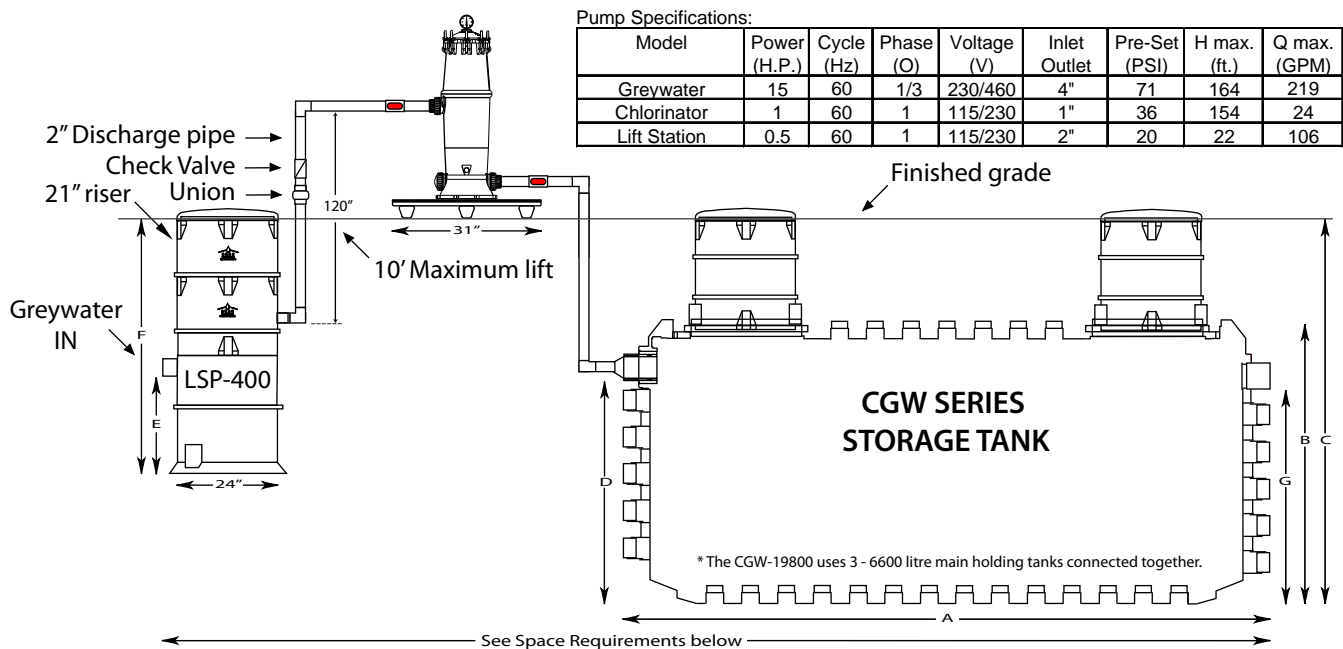
Data Sheet CGW-19800

Greywater Recycling

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) @ 71 psi. This high output will assist in delivering the greywater at above minimum working pressure 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, in-ground lift stations, above-ground dual pressure filters, a managed chlorination system with a dedicated pump, a variable frequency, 5hp constant pressure greywater pumping system, pressure filter alarms, and an integrated building management system.



NOTE: The vent, bypass and overflow pipes, and pump assembly, have been omitted for clarity.

Model	Capacity		Dimensions per tank (inches)							Total Weight		Space Requirements (feet)			Inlet Pipe	Over-Flow Pipe	Pump Inlet/Outlet
	Litres	Gallons	A	B	C	D	E	F	G	kgs.	lbs.	Length	Width	Depth			
CGW-19800	19800	5226	155	67.75	91.75	56	20	71	53	1084	2385	21.50	20.6	7	4"	4"	4"

Commercial CGW-19800				Price Per Kw/h		\$ 0.07		120			
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/ Lift Pump			120	11	1320	15		0.50		0.6	241.0
Total								5.3		16.4	5995.3
										\$	\$
										Cost in CAD	419.67

(*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