



The solution for water shortages



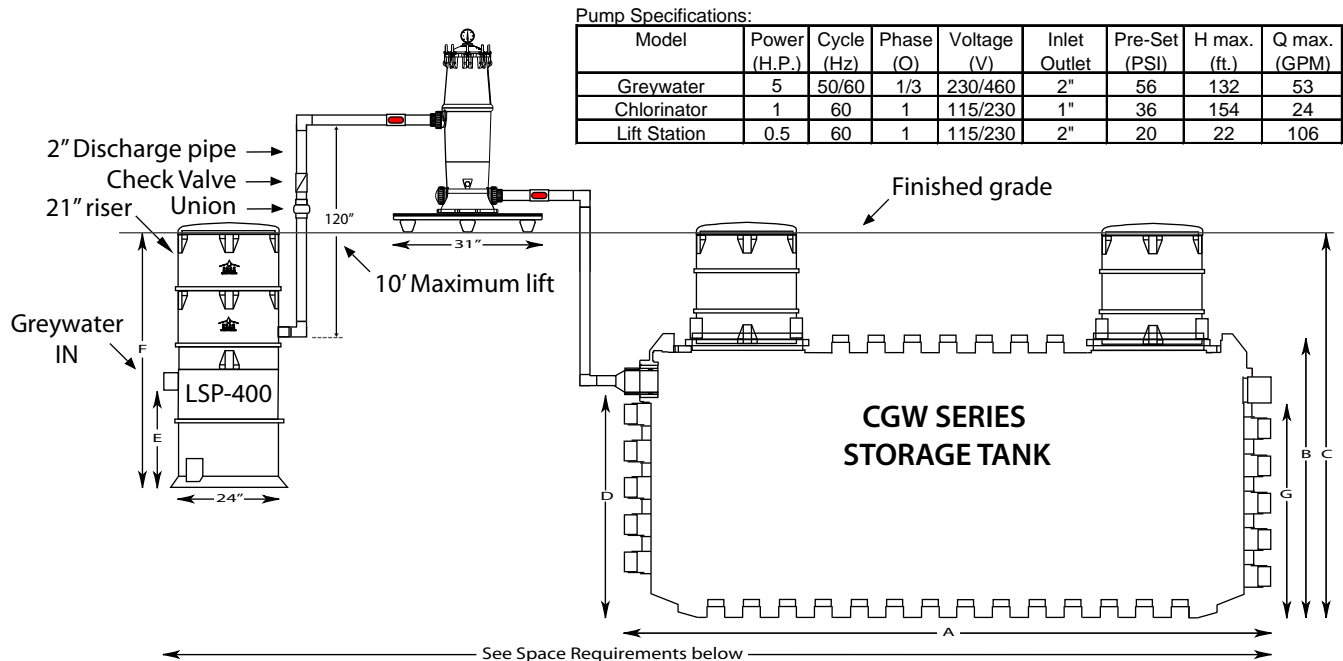
Data Sheet CGW-4200

Greywater Recycling

The CGW-4200, with a liquid capacity of 3600 Litres (950 USG), is our most compact commercial system designed for smaller apartment, hotel and shelter home applications or where space is limited. For instance, an application for a CGW-4200 would be a 25-room apartment building with an average of 75-person occupancy, each contributing 50 litres (13.2 USG) of greywater daily. This would be sufficient enough water volume to take care of the entire buildings daily flush volume 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 lift station, 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.



Pump Specifications:

Model	Power (H.P.)	Cycle (Hz)	Phase (O)	Voltage (V)	Inlet Outlet	Pre-Set (PSI)	H max. (ft.)	Q max. (GPM)
Greywater	5	50/60	1/3	230/460	2"	56	132	53
Chlorinator	1	60	1	115/230	1"	36	154	24
Lift Station	0.5	60	1	115/230	2"	20	22	106

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

Model	Capacity		Dimensions (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-4200	4200	1108	148.8	52.4	76.4	41.5	20	71	38.5	323	710	21.00	8	6	4"	4"	2"

Commercial CGW-4200

Estimated Power Consumption	Volts	Amp	Watts	Max Time Per Day Used in Minutes (*3)	Price Per Kw/h			
					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							\$ 1.15	\$ 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