

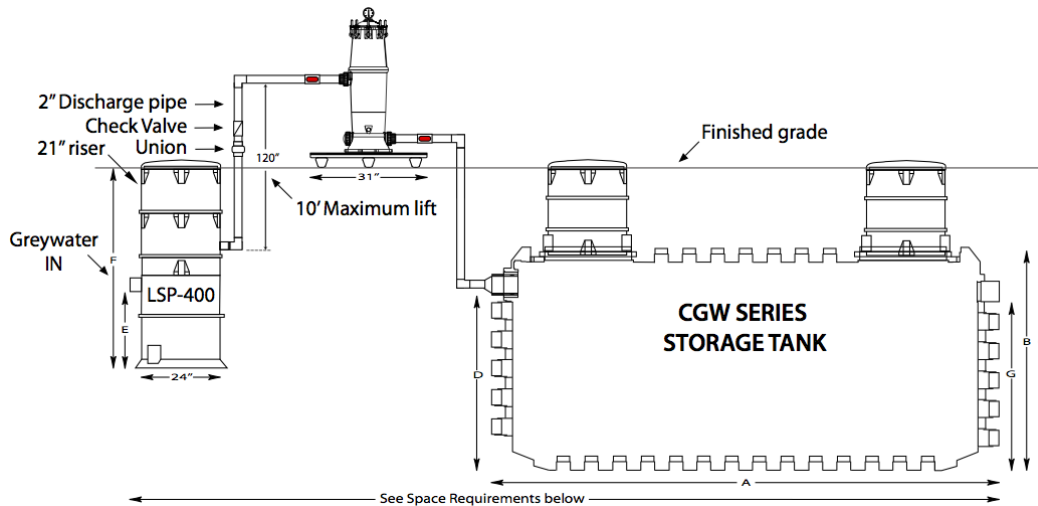
# Data Sheet: CGW Series System

## Commercial Greywater Recycling System

The CGW is the most widely used greywater systems in the Greyster commercial line. Because of its versatility, the CGW is used in many different applications ranging from military camps to vacation resorts, hotels, schools and every fit in between. The holding capacity of a standard CGW is ~ 6600 litres (1750 gallons), which could recycle enough greywater per day to fully service the flush volume requirements in a 160-man labour camp or a wind of a detention centre.

### FEATURES OF THE GREYTER WATER SYSTEM

The Greyster CGW Commercial System is a complete all-in-one greywater recycling system which includes a lift station, above grade 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	Pump (HP)	Cycle (Hz)	Phase (ϕ)	Voltage (V)	Inlet/Outlet	Pre-Set (psi)	H Max (ft)	Q Max (GPM)
Greywater	5	50/60	1/3	230/460	2"/2"	56	132	53
Chlorinator	1	60	1	115/230	1"/1"	36	154	24
Lift Station	0.5	60	1	115/230	2"/2"	20	22	106

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

CGW SPECIFICATIONS																	
Model	Capacity		Dimensions (inch)							Total Weight		Space Requirements (ft)			Inlet (inch)	Overflow (inch)	Pump Inlet/Outlet (inch)
	L	US Gal	A	B	C	D	E	F	G	kg	lbs	Length	Width	Depth			
CGW	6600	1742	155	67.75	91.75	56	20	71	53	361	795	21.50	8	7	4"	4"	2"

COMMERCIAL CGW-6600					Price (kWh) = \$0.07			
Estimated Power Consumption	Volts	Amp	Watts	Max. Time/day for 3 occupants (min)	Time used daily (h)	kWh/day	kWh/year	
kW/h 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	
<i>Based on 120 people, 7 flushes/day per person, 6 L tank (1.5 US gal)</i>				<b>Total</b>	5.3	16.4	5995.3	
<i>*Rates will vary from region to region</i>					<b>Cost (CAD)</b>	<b>\$1.15</b>	<b>\$419.67</b>	

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