



The solution for water shortages



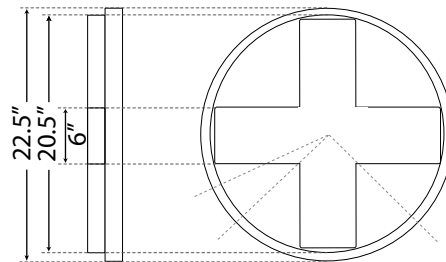
Data Sheet RGW-450



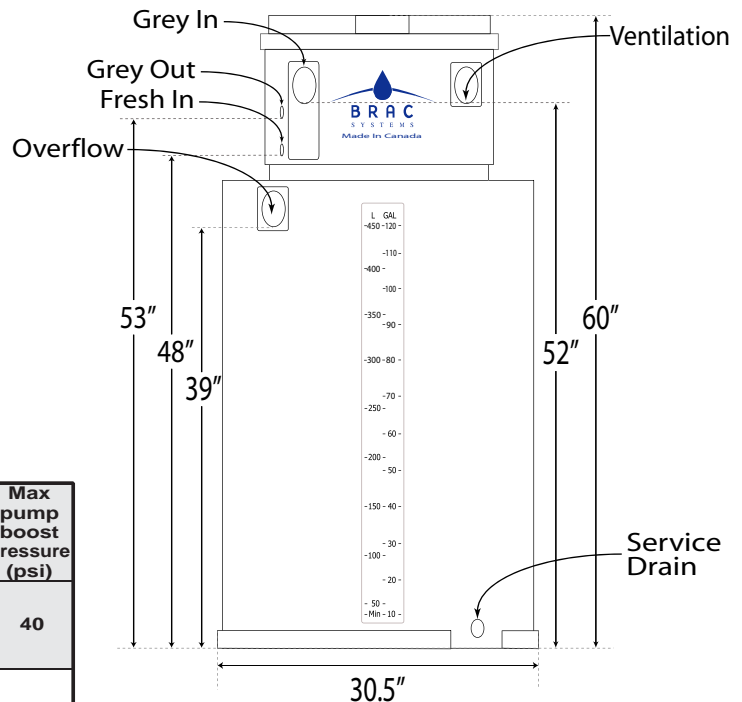
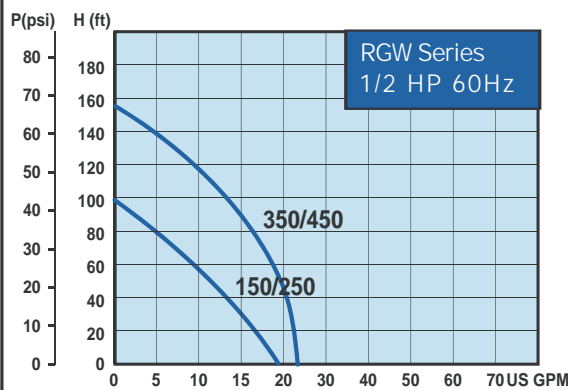
BRAC System RGW-450

The RGW-450 is our largest, yet still affordable residential series tank. Equipped with a 1hp BRAC pump, this model is the perfect solution for larger sized homes with families of up to 9 people. Not only will you be saving money on your water bill, but you will also be reducing your household water consumption by up to a third, thus helping to conserve our most precious natural resource.

Capacity
450 Liters
119 Gallons US
Dimensions
60" Height (152.5 cm)
30.5" Width (77.5 cm)
110 lbs (50 kg)



Hydraulic Performance curve:



Suction Lift Performance Table

Model RGW	Discharge pressure in psi	Capacity in US gallons per Minute						Max pump boost pressure (psi)
		Suction Lift in Feet						
		0	5	10	15	20	25	
150/250	10	16.6	15.6	14.6	13.6	12.7	11.7	40
	20	12.0	11.0	10.0	9.0	7.8	6.6	
	30	7.1	5.8	4.5	3.2	2.0	0.6	
350/450	10	22.4	22.1	21.7	21.3	20.8	20.5	67
	20	20.7	20.2	19.8	19.2	18.8	18.2	
	30	18.3	17.8	17.1	16.2	15.3	14.2	
	40	14.7	13.8	12.9	12.1	11.1	10.2	
	50	10.5	9.3	8.1	6.9	5.6	4.3	

Specification:

Model RGW	Power (HP)	Cycle (Hz)	Phase (Ø)	Voltage (V)	Amp's (A)	H max. (ft)	Q max. (GPM)
150/250	½	60	1	115 / 230	6.0/3.0	92	18.5
350/450	1	60	1	115 / 230	11/5.5	154	23.8

Estimated Yearly Consumption(*1)

2 person 53 Kwh

4 person 105 Kwh

6 person 158 Kwh

Peak Startup Surge 2800 Watts

(*1) Based on 7 flushes/person/day (6 litre toilet)

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