



The solution for water shortages

Winner 2007
New Product Award
Energy Efficiency Category
(Canada)



Energy Efficiency
Category Award
(USA)



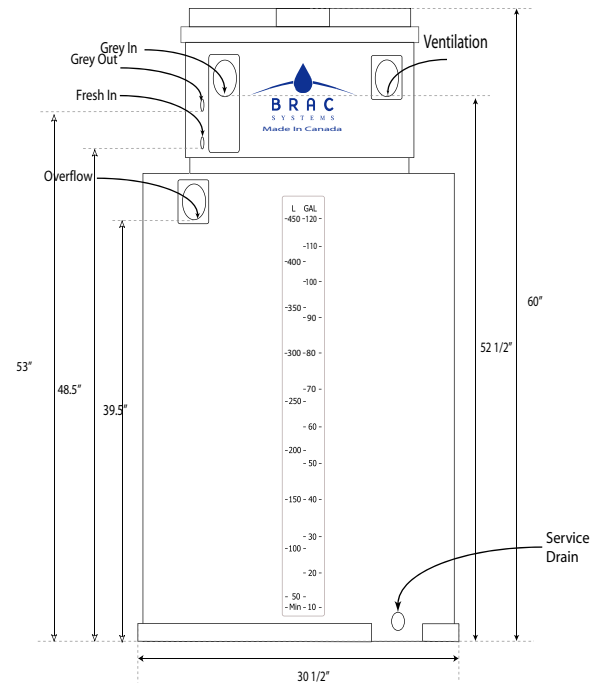
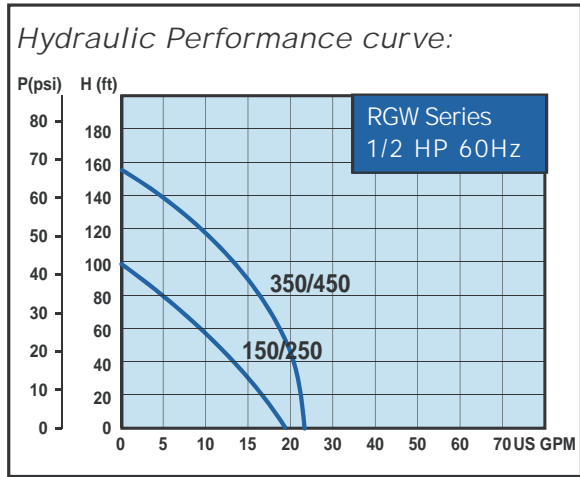
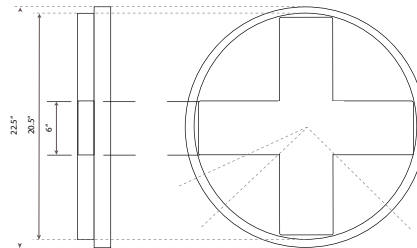
Brac Systems Data Sheet



BRAC System RGW-450

The RGW-450 is our biggest yet still very affordable non custom tank by Brac Systems. This is the perfect solution for homes with up to 12 people who want to save money on their water bill, while helping the environment.

Capacity :
450 Liters
119 Gallons US
Dimensions:
60" Height (152 cm)
30.5" Width (77.5 cm)
110 lbs (50 kg)



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	

Estimated Yearly Consumption(*1)

2 person 53 Kw/h

4 person 105 Kw/h

6 person 158 Kw/h

Peak Startup Surge 2800 Watts

(*1) Based on 7 flushes per person (6 liter toilet).

Specification:

Model RGW	Power (HP)	Cycle (Hz)	Phase (Ø)	Voltage (V)	Amp's (A)	H max. (ft)	Q max. (GPM)
150/250	1/2	60	1	115 / 230	6.0/3.0	92	18.5
350/450	1	60	1	115 / 230	11/5.5	154	23.8

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