



The solution for water shortages

Winner 2007  
New Product Award  
Energy Efficiency Category  
(Canada)



Energy Efficiency  
Category Award  
(USA)



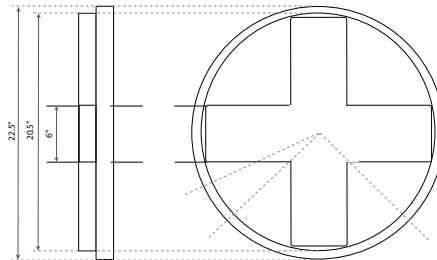
## Brac Systems Data Sheet

### BRAC System RGW-250

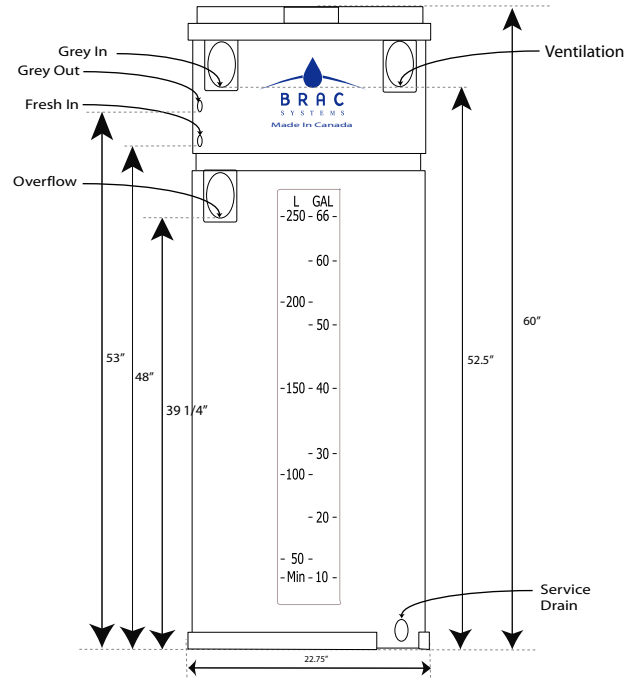
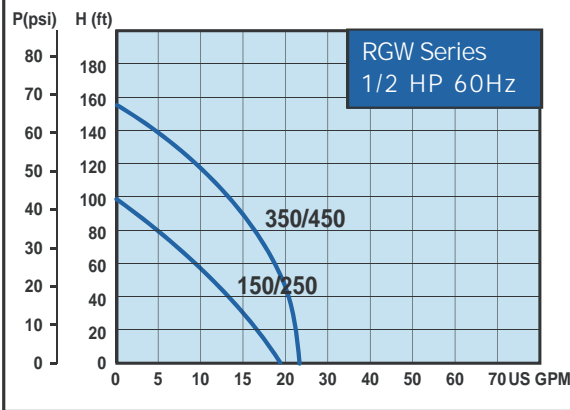


The RGW-250 is our most popular tank, designed for homes with up to 6 people who want to save money on their water bill, while helping the environment.

**Capacity :**  
250 Liters  
66 Gallons US  
**Dimensions:**  
60" Height (152 cm)  
22.5" Width (57 cm)  
95 lbs (43 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  |                               |

Estimated Yearly Consumption(\*1)  
2 person 41 Kw/h  
4 person 82 Kw/h  
6 person 123 Kw/h  
Peak Startup Surge 2100 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         |