



AVERAGE WATER CONSUMPTION For Your Home



How much water does your average household use a day?

Alternate Capacity Method:

Calculate the number of Bathrooms x 17.6 Litre/min + ?
(Note that 1/2 Baths are Considered as full baths)

Garden Hose consumption :

- Garden Hose 1/2 inch 11 L /min
- Garden Hose 3/4 inch 22 L /min
- Sprinkler - Lawn 11-26 L

Showers



Toilets



Kitchen Sink



Dishwasher



Washing Machine



Outlets	Flow Rate litre/min	Total Usage Litre	Bathrooms in Home			
			1	1 1/2	2-2 1/2	3-4
Shower or Bathtub	18	132	132	132	200	264
Toilet	15	18	18	37	56	75
Kitchen Sink	18	11	11	11	11	11
Automatic Washer	18	132	-	68	68	68
Dishwasher	7	52	-	-	11	11
Normal 7 minute peak* demand (litres)			161	248	346	429
Minimum size pump required to meet peak demand without supplementary supply <small>(divide peak demand by 7)</small>			23	36	50	62

Notes:
 Values are average and do not include higher or lower extremes
 *Peak demand can occur several times during morning and evening hours
 **Count the number of fixtures in a home including outside hose taps . Supply 3.785 litres per minute each
 Seven minutes are used here as an example of peak time, which may actually be longer or shorter.



Contact Us
 0860 786 265
 www.rototank.co.za