

## HOW MUCH WATER DO WE USE AT HOME?

### SURVEY TABLE

To know how much water we use at home we must:

- Know the flow of every tap at home.  
Here you can find the most common flows.

TAP / FAUCET	FLOW
Washbasin tap	0,1 l/s
Shower tap	0,2 l/s
Bath tap	0,3 l/s
Kitchen sink tap	0,2 l/s
Garden watering plants tap	0,2 l/s

- Know the volume/capacity of most tanks at home.  
Here you can find the most common volumes:

COMPONENT	VOLUME
Modern toilet tanks. Double choice.	3l / 6l
Old toilet tanks	6l / 10l
Bath tub	About 350l

- Know how much water our electric components use for a normal cycle

MACHINE	VOLUME
Washing machine. White clothes program	60l
Washing machine Coloured clothes program	40l
Dishwasher eco program	20l

Every machine uses a different volume of water. **These are indicative volumes.**

- Know how long every member of the family spends in each water activity.  
All times must be shown in seconds.  
For example:  
Father, **shower**: 6 minutes. 6 minutes x 60 seconds per minute= 360 seconds  
Brother, **teeth brushing**: 2 minutes. 2 minutes x 60 s/min= 120 seconds
- Make an exhaustive survey **of each activity** at home, **of every member of your family**, during **7 days**.

In a week, you should have a complete table of all activities and a total calculation of all water consumption for an average week.

To create the table, follow these instructions:

1. The table will have as many rows as needed to have:
  - Number of water individual activities +
  - Number of common activities +
  - First row for headline +
  - Last row to summarize all water used
  
2. The table will have as many columns as needed to have:
  - Number of members of the family +
  - A column for common activities +
  - A column for the activities and appliances used +
  - Last column for the flow of each tap and volume of tanks.
  
3. You can add sub-columns to put the amounts of water used, beside each family member and the common activities column.
  
4. Once you have created the table, with its corresponding rows and columns, fill all cells.
  - Choose an appropriate style of letter and apply to all the table
  - Put the names of your family, the activities, the flows and all pre-determined names.
  - Begin to check the time used for each activity.
  - Introduce it to the corresponding cell and convert into seconds (multiply for 60 seconds, each minute)
  - Multiply each time for the flow corresponding to its tap.
  - Then, you will have the water used in every activity.
  - When finished all the activities, join all the data and mark the total amount per family member and the total amount per family in that day.
  
5. This will be the table of a certain day. Do the same 7 times for every week day, as shown in the last paragraph of the last page.

On the following page you'll find an example of a finished consumption table.

Monday, .....of 200....

Father	Mother	Sister	me	Common	Activities and appliances	Flow and volume
6'x60sx0'2 l/s= 72 l	3'x60sx0'2 l/s= 36 l	5'x60sx0'2 l/s= 60 l	5'x60sx0'2 l/s= 60 l		Showering	0'2 l/s
2x20sx0'1 l/s= 4 l	3x20sx0'1 l/s= 6 l	2x25sx0'1 l/s= 5 l	2x20sx0'1 l/s= 4 l		Teeth brushing	0'1 l/s
7x10sx0'1 l/s= 7 l	6x15sx0'1 l/s= 9 l	6x13sx0'1 l/s= 7'8 l	5x18sx0'1 l/s= 9 l		Hands washing	0'1 l/s
20sx0'1 l/s= 2 l	20sx0'1 l/s= 2 l	30sx0'1 l/s= 3 l	25sx0'1 l/s= 2'5 l		Face washing	0'1 l/s
40sx0'1 l/s= 4 l	0 l	0 l	0 l		Shaving	0'1 l/s
0 l	0 l	1'x60sx0'1 l/s= 6 l	40sx9'1 l/s= 4 l		Hair	0'1 l/s
7 x 6 l= 42 l	6 x 6 l= 36 l	6 x 6 l= 36 l	5 x 6 l= 30 l		WC (use of)	6 l
				5'x60sx0'2 l/s= 60 l	Cooking	0'2 l/s
				2'x60sx0'2 l/s= 24 l		
				2x3'x60sx0'2 l/s= 72 l	Dishwasher	0'2 l/s
				2 x 40 l= 80 l	Washing machine	With: 40 l
				1 x 60 l= 60 l	Colour: 60 l	
				0 l	Plants watering	0'2 l/s
				3'x60sx0'2 l/s= 36 l	House cleaning	0'2 l/s
				20sx0'2 l/s= 4 l		
131 l	89 l	117'8 l	109'5 l	336 l	All together:	763'3 l

Name:.....