

D.I.Y. Home water saving audit

Potential for Water savings, devices and flow rates

Outlet type	Water use per minute* (lpm)	Water usage per hour* (lph)	Watersaver & lpm**	Saving lph
Shower 1	25 lpm	1500 lph	6 lpm inline/disk	
Shower 2	25 lpm	1500 lph	9 lpm inline/disk	
Shower 3	25 lpm	1500 lph	12 lpm inline/disk	
Inside Tap	25 lpm	1500 lph	6 lpm aerator	
Inside Tap	25 lpm	1500 lph	8 lpm aerator	
Toilet	Up to 11 L per flush (lpf)	Up to 33 litres for 3 flushes	Dependant on use	
Outside tap 1	25 lpm	1500 lph	6 lpm outside tap adapter	
Outside tap 2	25 lpm	1500 lph	9 lpm outside tap adapter	
Outside tap 3	25 lpm	1500 lph	12 lpm outside tap adapter	

*25 litres per minute is an average, mains pressure may vary from 18-28 litres per minute depending on individual case.

**This is a recommended flow rate based on what is most comfortable for the end user, the individual may chose to exceed or reduce this rate further - these recommendations are purely as a guide, we strongly encourage the end user to use as little water as possible.

Use these tables below to work out how many water savers you need

	Aerator litres per minute (lpm)	
	6	8
Basin 1		
Basin 2		
Basin 3		
Basin 4		
Basin 5		
Kitchen sink		
Laundry sink		
Total:		

	Inline flow controller lpm			or	Flow control disk lpm		
	6	9	12		6	9	12
Shower 1							
Shower 2							
Shower 3							
Total:							

	Outside tap adapter lpm		
	6	9	12
Outside tap 1			
Outside tap 2			
Outside tap 3			
Total:			

Toilet water saver	
Toilet 1	
Toilet 2	
Toilet 3	
Total:	

Recomendations:

Depending on your standard usage; you can save up to 70% of your water usage by installing Mareg Water Wizz products. While we encourage you to install the most efficient products it is also important to strike a balance between conservation and comfort.

For your shower we recommend a 9 lpm inline or disk, for basins where most usage is for washing hands or brushing your teeth try a 6 lpm. For your kitchen sink where you need water for washing you might want to consider an 8 lpm aerator so that you save water but wait longer to fill the sink.

For your outside taps we recommend that you use a 6 or 9 lpm to which will improve your water targeting and efficiency.

If you are considering a solar hot water system you will need to install 6 lpm areators and 6 lpm inlines or disks in your showers to balance pressure across your system.

A single flush toilet - for which we recommend a toilet water saver can in fact be more efficient than a dual flush because you determine the amount of flushing rather than a preset which might be too much or not enough water flow.

Single flush toilets offer better hygienic because they can be fully emptied more often, they are also easier to clean because of the volume of water that runs through them. Another thing to consider is the needless waste of throwing out a single flush system which can be converted to be as if not more efficient than a dual system think carefully before you replace them.