

Installation Type	Unit of Measure	Capacity/Flow rate (1)	Use Factor (2)	Fixed use (litres/person/day) (3)	Litres/person/day = [(1)x(2)] + (3) (4)
WC (single flush)	Flush Volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush Volume (litres)	3	1.46	0.00	4.38
	Part flush Volume (litres)	0	2.96	0.00	0.00
WC (multiple fittings)	Average effective flushing Volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/min)	8.50	1.58	1.58	15.01
Bath (where shower also present)	Capacity to overflow(litres)	300.00	0.11	0.00	33.00
Shower (where bath also present)	Flow Rate(litres / minute)	8.00	4.37	0.00	34.96
Bath Only	Capacity to overflow(litres)		0.50	0.00	0
Shower Only	Flow Rate (litres/minute)		5.60	0.00	0
Kitchen/Utility room sink taps	Flow rate (litres/minute)		0.44	10.36	0
Washing Machine	(Litres/kg dry load)	10.00	2.1	0.00	21.00
Dishwasher	(Litres/place setting)	1.00	3.6	0.00	3.60
Waste disposal unit	(Litres/use)	<input type="checkbox"/> Present	3.08	0.00	0
Water Softener	(Litres/person/day)		1.00	0.00	0
	(5)	Total Calculated use (litres/person/day) =SUM(column 4)			111.95
	(6)	Contribution from greywater (litres/person/day)			0
	(7)	Contribution from rainwater (litres/person/day)			0
	(8)	Normalisation factor			0.91
	(9)	Total internal water consumption = [(5)-(6)-(7)]x(8) (litres/person/day)			101.87
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) =(9)+(10)(litres/person/day)			106.9

Installation Type	Make/Model (mandatory)	Litres/Person/Day
Washing Machines	1	17.157
Dishwasher	1	4.5



©Water Research Centre Limited 2025

[Terms and Conditions](#)
[System Requirements](#)