

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)	5.8	1.46	0.00	8.47
	Part flush Volume (litres)	3	2.96	0.00	8.88
WC (multiple fittings)	Average effective flushing Volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/min)	5.10	1.58	1.58	9.64
Bath (where shower also present)	Capacity to overflow(litres)		0.11	0.00	0
Shower (where bath also present)	Flow Rate(litres / minute)		4.37	0.00	0
Bath Only	Capacity to overflow(litres)		0.50	0.00	0
Shower Only	Flow Rate (litres/minute)	8.00	5.60	0.00	44.80
Kitchen/Utility room sink taps	Flow rate (litres/minute)	8.85	0.44	10.36	14.25
Washing Machine	(Litres/kg dry load)	6.42	2.1	0.00	13.48
Dishwasher	(Litres/place setting)	0.76	3.6	0.00	2.74
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)				102.26
(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)				93.06
(10)	External water use				5.0
(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)				98.1

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Gerbrit 109.051.00.1	17.35
Taps	Crosswater Mike Pro Monobloc	9.64
Showers Only	Armitage Shanks Idealrain M1 Shower Kit	44.80
Kitchen Taps	TAP3562 Lamona Garda S	14.25
Washing Machines	AEG L7WE7631B1	13.48
Dishwasher	AEG FSB42607Z	2.74



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WC Type	Effective Flushing volume* (litres) (a)		Quantity (No.) (b)	Total per Fitting Type = (a)x(b) (c)
Multiple Fittings?	<input type="checkbox"/>			
Dual Flush?	<input checked="" type="checkbox"/>			
	Full Flushing volume x 0.33	Part Flushing volume x 0.67	(a)	
1	<input type="text" value="5.8"/>	<input type="text" value="3"/>	3.924	<input type="text" value="1"/> 3.92
Total (Sum of all Quantities) (d)			1	
Total (Sum of all totals per fitting type) (e)				3.92
Average effective flushing volume (litres)=(e)/(d)				3.92
<input type="button" value="Calculate"/>				

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Gerbrit 109.051.00.1	17.35
Taps	Crosswater Mike Pro Monobloc	9.64
Showers Only	Armitage Shanks Idealrain M1 Shower Kit	44.80
Kitchen Taps	TAP3562 Lamona Garda S	14.25
Washing Machines	AEG L7WE7631B1	13.48
Dishwasher	AEG FSB42607Z	2.74



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Tap Fitting Type	Flow rate (litres/min) (a)	Quantity (No.) (b)	Total per Fitting Type =(a)x(b) (c)
1	5.1	1	5.10
2			
3			
4			
5			
6			
Total (Sum of all Quantities) (d)		1	
Total (Sum of all totals per fitting type) (e)			5.10
Average flow rate (litres/min) = [(e)/(d)]			5.10
Maximum flow rate (litres/min) (f)			5.10
Weighted Average flow rate (litres/min) = [(f)x0.7]			3.57
<input type="button" value="Calculate"/>			

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Gerbrit 109.051.00.1	17.35
Taps	Crosswater Mike Pro Monobloc	9.64
Showers Only	Armitage Shanks Idealrain M1 Shower Kit	44.80
Kitchen Taps	TAP3562 Lamona Garda S	14.25
Washing Machines	AEG L7WE7631B1	13.48
Dishwasher	AEG FSB42607Z	2.74



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Type of Dishwasher	Litres per place setting (a)	Quantity (No.) (b)	Total per Fitting Type =(a)x(b) (c)
1	0.76	1	0.76
2			
3			
4			
5			
6			
Total (Sum of all Quantities) (d)		1	
Total (Sum of all totals per fitting type) (e)			0.76
Average litres per place setting = [(e)/(d)]			0.76
Maximum litres per place setting (f)			0.76
Weighted Average litres per place setting = [(f)x0.7]			0.53
<input type="button" value="Calculate"/>			

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Gerbrit 109.051.00.1	17.35
Taps	Crosswater Mike Pro Monobloc	9.64
Showers Only	Armitage Shanks Idealrain M1 Shower Kit	44.80
Kitchen Taps	TAP3562 Lamona Garda S	14.25
Washing Machines	AEG L7WE7631B1	13.48
Dishwasher	AEG FSB42607Z	2.74



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Tap Fitting Type	Flow rate (litres/min) (a)	Quantity (No.) (b)	Total per Fitting Type =(a)x(b) (c)
1	8.85	1	8.85
2			
3			
4			
5			
6			
Total (Sum of all Quantities) (d)		1	
Total (Sum of all totals per fitting type) (e)			8.85
Average flow rate (litres/min) = [(e)/(d)]			8.85
Maximum flow rate (litres/min) (f)			8.85
Weighted Average flow rate (litres/min) = [(f)x0.7]			6.20
<input type="button" value="Calculate"/>			

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Gerbrit 109.051.00.1	17.35
Taps	Crosswater Mike Pro Monobloc	9.64
Showers Only	Armitage Shanks Idealrain M1 Shower Kit	44.80
Kitchen Taps	TAP3562 Lamona Garda S	14.25
Washing Machines	AEG L7WE7631B1	13.48
Dishwasher	AEG FSB42607Z	2.74



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Shower fitting Type	Flow rate (litres/min) (a)	Quantity (No.) (b)	Total per Fitting Type =(a)x(b) (c)
Are there any Baths Present?	<input type="checkbox"/>		
1	<input type="text" value="8"/>	<input type="text" value="1"/>	8.00
2	<input type="text"/>	<input type="text"/>	12.00
3	<input type="text"/>	<input type="text"/>	
4	<input type="text"/>	<input type="text"/>	
5	<input type="text"/>	<input type="text"/>	
6	<input type="text"/>	<input type="text"/>	
Total (Sum of all Quantities) (d)		1	
Total (Sum of all totals per fitting type) (e)			8.00
Average flow rate (litres/min) = [(e)/(d)]			8.00
Maximum flow rate (litres/min) (f)			8.00
Weighted Average flow rate (litres/min) = [(f)x0.7]			5.60
<input type="button" value="Calculate"/>			

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Gerbrit 109.051.00.1	17.35
Taps	Crosswater Mike Pro Monobloc	9.64
Showers Only	Armitage Shanks Idealrain M1 Shower Kit	44.80
Kitchen Taps	TAP3562 Lamona Garda S	14.25
Washing Machines	AEG L7WE7631B1	13.48
Dishwasher	AEG FSB42607Z	2.74



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Type of washing machine	Litres per kilogram of dry load (a)	Quantity (No.) (b)	Total per Fitting Type = (a)x(b) (c)
1	<input type="text" value="6.42"/>	<input type="text" value="1"/>	6.42
2	<input type="text"/>	<input type="text"/>	
3	<input type="text"/>	<input type="text"/>	
4	<input type="text"/>	<input type="text"/>	
5	<input type="text"/>	<input type="text"/>	
6	<input type="text"/>	<input type="text"/>	
Total (Sum of all Quantities) (d)		1	
Total (Sum of all totals per fitting type) (e)			6.42
Average litres per kilogram of dry load = [(e)/(d)]			6.42
Maximum litres per kilogram of dry load (f)			6.42
Weighted Average litres per kilogram of dry load = [(f)x0.7]			4.49
<input type="button" value="Calculate"/>			

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Gerbrit 109.051.00.1	17.35
Taps	Crosswater Mike Pro Monobloc	9.64
Showers Only	Armitage Shanks Idealrain M1 Shower Kit	44.80
Kitchen Taps	TAP3562 Lamona Garda S	14.25
Washing Machines	AEG L7WE7631B1	13.48
Dishwasher	AEG FSB42607Z	2.74



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