

THE WATER CALCULATOR FOR NEW DWELLINGS

Part G Reduced Internal Water Use Compliance 110 l/p/d

(Excluding Rainwater & Greywater Systems)

		DAVID WILSON HOMES WHERE QUALITY LIVES						BARRATT HOMES							
		Part G Compliance 110 l/p/d													
		DWH - Ideal Standard						Barratt - Twyfor							
		A1		A2 & A3 - Thermostatic Shower		A2 & A3 - Electric Shower		President		Ambassador and Embassy - Thermostatic Shower		Ambassador and Embassy - Electric Shower			
Installation Type	Unit of measure	Capacity/ Flow rate	litres/pers on/day (l/p/d)	Capacity/ Flow rate	litres/pers on/day (l/p/d)	Capacity/ Flow rate	litres/pers on/day (l/p/d)	Capacity/ Flow rate	litres/pers on/day (l/p/d)	Capacity/ Flow rate	litres/pers on/day (l/p/d)	Capacity/ Flow rate	litres/pers on/day (l/p/d)		
WC	Single Flush	4	5.84	4	5.84	4	5.84	4	5.84	4	5.84	4	5.84		
	Dual Flush	2.6	7.70	2.6	7.70	2.6	7.70	2.6	7.70	2.6	7.70	2.6	7.70		
Taps (excluding kitchen taps)	Flow rate (litres/minute)	6	11.06	6	11.06	10	17.38	5	9.48	5	9.48	10	17.38		
Bath (where shower also present)	Capacity to overflow (litres)	180	19.80	181	19.91	181	19.91	195	21.45	190	20.90	190	20.90		
Shower (where bath also present)	Flow rate (litres/ minute)	8	34.96	8	34.96	5	21.85	8	34.96	8	34.96	5	21.85		
Kitchen sink taps	Flow rate (litres/ minute)	8	13.88	8	13.88	10	14.76	8	13.88	8	13.88	10	14.76		
Washing machine	litres/kg dry load		17.16		17.16		17.16	0	17.16	0	17.16	0	17.16		
Dishwasher	litres/place setting		4.5		4.5		4.5	0	4.5	0	4.5	0	4.5		
Waste disposal unit	litres/use		0		0		0	0	0	0	0	0	0		
Water softener	litres/person/day		0		0		0	0	0	0	0	0	0		
Total calculated use (litres/person/day)			114.9		115.0		109.1		115.0		114.4		110.1		
Normalisation Factor			0.91		0.91		0.91		0.91		0.91		0.91		
Total internal Consumption			104.6		104.7		99.3		104.6		104.1		100.2		
Building Regulations 17.k (Part G Compliance 125 l/p/d)	External Use		5		5		5		5		5		5		
	Total Consumption		109.6		109.7		104.3		109.6		109.1		105.2		

Notes:

- All flow rates may vary in use due to the temperature or pressure of the incoming water supply
- Where possible tap restrictions on housetypes with electric showers have remained inline with our Part G 125l/p/d compliance to offer a worse case calculation. Divisions can restrict these in line with housetypes with thermostatic showers if considered easier for site.