

THE WATER CALCULATOR FOR NEW DWELLINGS
Part G Reduced Internal Water Use Compliance 105 l/p/d
(Excluding Rainwater & Greywater Systems)



DAVID WILSON HOMES

WHERE QUALITY LIVES



BARRATT

HOMES

Part G Compliance 105 l/p/d

DWH - Ideal Standard

Barratt - Twyford

A1

A2 & A3

President

Ambassador & Embassy

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)
WC	Single Flush	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
Taps (excluding kitchen taps)	Flow rate (litres/minute)	5	9.48	5	9.48	5	9.48	5	9.48
Bath (where shower also present)	Capacity to overflow (litres)	139	15.29	139	15.29	140	15.40	140	15.40
Shower (where bath also present)	Flow rate (litres/ minute)	8	34.96	8	34.96	8	34.96	8	34.96
Kitchen sink taps	Flow rate (litres/ minute)	8	13.88	8	13.88	8	13.88	8	13.88
Washing machine	litres/kg dry load		17.16		17.16		17.16		17.16
Dishwasher	litres/place setting		4.5		4.5		4.5		4.5
Waste disposal unit	litres/use		0		0		0		0
Water softener	litres/person/day		0		0		0		0
Total calculated use (litres/person/day)			108.8		108.8		108.9		108.9
Normalisation Factor			0.91		0.91		0.91		0.91
Total internal Consumption			99.0		99.0		99.1		99.1
Building Regulations 17.k	External Use		5		5		5		5
(Part G Compliance 125 l/p/d)	Total Consumption		104.0		104.0		104.1		104.1

Notes:

- All flow rates may vary in use due to the temperature or pressure of the incoming water supply