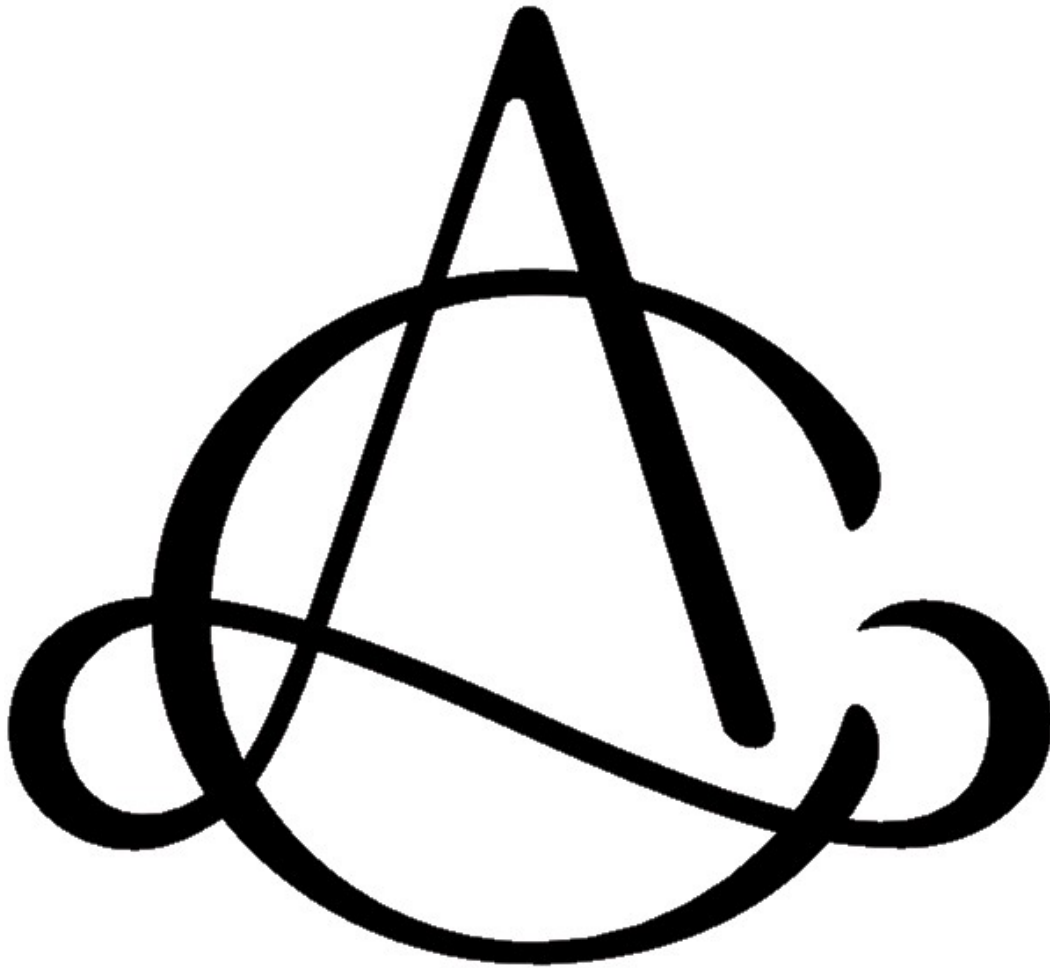




**ARTISAN HOUSE TYPES
ESTIMATED WATER CONSUMPTION
CALCULATION SHEETS (ADG-2)**

**This document has been developed in accordance with the
Governments National Calculation Methodology for assessing water
efficiency in new dwellings in support of Building Regulations
Approved Document Part G**

A) VERSION CONTROL

Version	Date	Description
1.9	19/02/26	All water efficiency calculations updated with WRC Calculator 2026. Product specification change to thermostatic shower – Mira Minimal Single Outlet Mixer Shower (8953W-CP). Product factory restricted to 6l/m. / Bed 1 Ensuite (5b only) Mira Minimal Dual Outlet Mixer Shower (38954W-CP). Product factory restricted to 6l/m – overall LpppD figures changed for Category F, H, I, J, K, L, M. Shower LpppD figure also changed within calc. Category B, C, D, F, K taps LpppD figure changed within calc (B-D – no change to overall LpppD figure).
1.8	13/11/24	All water efficiency calculations updated with WRC Calculator 2024 – no changes. Product specification change to kitchen/utility tap - Leisure Aquapace (TAQPACE40CM – 6l/m – Kitchen/Utility All Beds).
1.7	24/06/24	The following 4 bed house types were redesigned from HO boiler & cylinder to combi boiler: Arkwright, Bowyer, Culter, Farrier, Forester, Luthier, Mercer, Milliner, Pargeter, Philosopher, Scrivener, Sculptor & Silversmith. Life branding added. Reedmaker-Life relocated to Cat D following redesign. Fuller relocated to CAT D.
1.6	22/04/22	All water efficiency calculations updated with WRC Calculator 2022. Product specification changes include: 1) Roca Oslo bath - 155 litres capacity (All beds) 2) Kitchen/utility taps - Leisure - Aquamono Single Lever Tap Chrome TM040 (6 l/m) - Kitchen/Utility (All beds) 3) Shower - Mira Minimal EV (6 l/m) (2-5 beds) 4) Shower Ensuite Bed 1 - Mira Minimal ERD 8 l/m (5 beds)
1.5	13/09/21	All water efficiency calculations updated with WRC Calculator 2021. House types added: Lymner, Manciple, Mercer, Tenterer, Draftsman, Foundaryman Stationer/Bookbinder Baker. Tillman, Cartographer, Ploughwright, Hooper, Woodcarver, Warrener relocated from Cat E to Cat B. Faber, Coppersmith, Hillard, Baxter, Sawyer, Slater relocated from Cat F to Cat C. Scrivener relocated from Cat F into Cat G. Reedmaker relocated from Cat G into Cat H. Weaver relocated from Cat H into Cat I
1.4	22/09/20	House type water consumption amended with new calculation sheets. Webster added under category 'M'
1.z3	10/02/20	House types now divided into 2/3 beds and 4/5 beds and placed on separate sheets. New categories/calculations created for all house types. 2/3 bed shower amended to 6/litres for 2/3 beds and 8 litres for 4/5 beds. Flow restrictors now specified with installation diagram. Following house types added: Naylor, Salter, Pargeter, Hooper, Tapiter, Harper, Framer, Arkwright, Felter and Sculptor
1.2	18/09/19	Cartwright, Lacemaker, Spinner, Wainwright and Wheelwright added under new Category 'N'
1.1	17/05/19	Cat B, C, D, G, H & I water consumption amended, Additional Artisan HT's and Water efficiency calculations Cat 'L' & 'M' added
1.0	07/08/18	First Issue

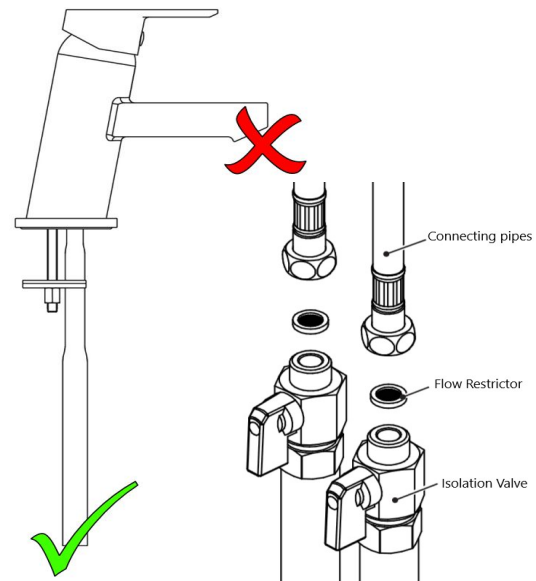
ARTISAN HOUSE TYPE WATER EFFICIENCY SCHEDULE FOR 2, 3 & 4 BEDS (COMBI) BASE SPECIFICATION ONLY (ADG-2)			
Category	House Type	Sanitary Appliances & White Goods	Total Water Consumption (litres/person/day)
A	Foundryman-Life	WC x1, Basin x1, Sink x1, Shower x1, Bath x1	99.2
	Souter-Life/Glover		
	Stationer-Life/Bookbinder		
B	Baker-Life	WC x2, Basin x2, Sink x1, Shower x1, Bath x1	98.4
	Blacksmith		
	Cartographer-Life		
	Draftsman-Life		
	Hooper-Life		
	Joiner		
	Manciple-Life		
	Naylor-Life		
	Ploughwright		
	Saddler		
	Salter-Life		
	Shoemaker		
	Tapiter-Life		
	Tillman-Life		
	Warrener-Life		
	Woodcarver-Life		
C	Blemmere-Life	WC x3, Basin x3, Sink x1, Shower x1, Bath x1	98.7
	Baxter		
	Sawyer		
	Slater		
	Coppersmith-Life		
	Carver		
	Chandler		
	Coiner-Life		
	Cooper		
	Coppersmith		
	Cutler		
	Faber-Life		
	Felter-Life		
	Glazier		
	Harper-Life		
	Hillard-Life		
	Milliner		
	Milliner-Life		
	Potter		
	Sculptor		
	Silversmith		
	Tailor		
	Tanner		
	Thespian		
	Turner		
D	Arkwright	WC x3, Basin x3, Sink x2, Shower x1, Bath x1	98.7
	Bowyer		
	Bowyer-Life		
	Farrier		
	Framer		
	Fuller		
	Fuller-Life		
	Lymner		
	Luthier-Life		
	Mason		
	Mercer-Life		
	Pargeter		
	Philosopher		
	Philosopher-Life		
	Quilter		
	Reedmaker-Life		
	Scrivener		
	Tenterer		

Sanitary Appliances	Capacity / Flow Rate	Bristan Flow Restrictor Product Code/Colour	
Bath	155 litre	N/A	
Taps (WC Cloaks)	3 litres/min	ECO TAP3	Brown
Taps (Washing)	4 litres/min	ECO TAP4	Grey
Taps (Kitchen/Utility)	6 litres/min	ECO TAP6	Black
WC	3/6 litre dual flush	N/A	
Thermostatic Shower	6 litres/min	Product factory restricted to 6l/m	

Base Specification For 2, 3 & 4 beds (Combi)	
Bathroom Only	Thermostatic Shower over Bath
Bathroom & Ensuite	No Shower Over Bath, Thermostatic Shower to Ensuite

NOTE: DEVIATION FROM BASE SPECIFICATION REQUIRES WATER CONSUMPTION CALCULATIONS TO BE UNDERTAKEN BY DIVISION

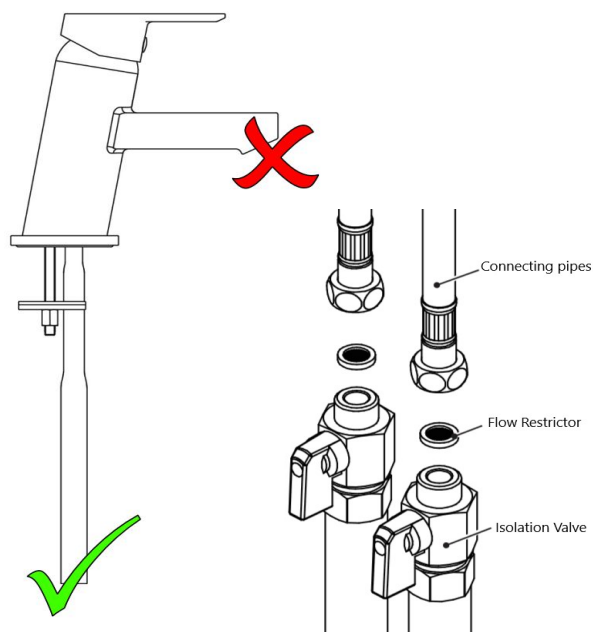
Flow Restrictors Installed To Tap Tails ONLY



ARTISAN HOUSE TYPE WATER EFFICIENCY SCHEDULE FOR 4 & 5 BEDS (CYLINDER) BASE SPECIFICATION ONLY (ADG-2)			
Category	House Type	Sanitary Appliances & White Goods	Total Water Consumption (litres/person/day)
F	Ballister	WC x3, Basin x3, Sink x1, Shower x1, Bath x1	98.7
	Fletcher		
	Shipwright		
H	Goldsmith	WC x4, Basin x4, Sink x2, Shower x3, Bath x1	98.8
	Lorimer-Life		
I	Watchmaker		
	Weaver		
J	Draper	WC x5, Basin x5, Sink x2, Shower x3, Bath x1	98.9
	Draper-Life		
K	Gilder	WC x5, Basin x5, Sink x1, Shower x2, Bath x1	98.9
L	Jeweller	WC x4, Basin x4, Sink x2, Shower x2, Bath x2	98.8
M	Cartwright	WC x4, Basin x4, Sink x1, Shower x2, Bath x1	98.8
	Lacemaker		
	Spinner		
	Wainwright		
	Webster		
	Wheelwright		

Sanitary Appliances	Capacity / Flow Rate	Bristan Flow Restrictor Product Code/Colour	
Bath	155 litre	N/A	
Taps (WC Cloaks)	3 litres/min	ECO TAP3	Brown
Taps (Washing)	4 litres/min	ECO TAP4	Grey
Taps (Kitchen/Utility)	6 litres/min	ECO TAP6	Black
WC	3/6 litre dual flush	N/A	
Thermostatic Shower	6 litres/min	Product factory restricted to 6l/m	

Base Specification For 4 and 5 beds (Cylinder)
No Shower Over Bath, Thermostatic Shower to all Ensuite(s)/Shower tray(s)



Category 'A' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	4.00	1.58	1.58	7.90
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)			103.47
	(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)			94.15
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			99.2

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG Valve (under window) 3/6 litre flush (A9801212A0)	17.64
Taps	Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.90
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (ECO Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5



Category 'B' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	3.50	1.58	1.58	7.11
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)			102.68
	(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)			93.44
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			98.4

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG valve (under window) 3/6 litre flush (A9801212A0)	17.64
Taps	Cloaks - Bristan - PISA Chrome Small Mixer (PS SMBAS C) + Bristan Flow Restrictor (ECO Tap3) / Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.11
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (Eco Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5



Category 'C' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	3.67	1.58	1.58	7.38
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)			102.95
	(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)			93.68
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			98.7

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG valve (under window) 3/6 litre flush (A8901212A0)	17.64
Taps	Cloaks - Bristan - PISA Chrome Small Mixer (PS SMBAS C) + Bristan Flow Restrictor (ECO Tap3) / Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.38
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (Eco Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5



Category 'D' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	3.67	1.58	1.58	7.38
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)				102.95
(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)				93.68
(10)	External water use				5.0
(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)				98.7

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG valve (under window) 3/6 litre flush (A9801212A0)	17.64
Taps	Cloaks - Bristan - PISA Chrome Small Mixer (PS SMBAS C) + Bristan Flow Restrictor (ECO Tap3) / Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.38
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (ECO Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5



Category 'F' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	3.67	1.58	1.58	7.38
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)			102.95
	(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)			93.68
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			98.7

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG valve (under window) 3/6 litre flush (A8901212A0)	17.64
Taps	Cloaks - Bristan - PISA Chrome Small Mixer (PS SMBAS C) + Bristan Flow Restrictor (ECO Tap3) / Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.38
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (Eco Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5



Category 'H' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	3.75	1.58	1.58	7.51
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)			103.08
	(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)			93.80
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			98.8

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG valve (under window) 3/6 litre flush (A8901212A0)	17.64
Taps	Cloaks - Bristan - PISA Chrome Small Mixer (PS SMBAS C) + Bristan Flow Restrictor (ECO Tap3) / Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.51
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (Eco Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5



Category 'I' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	3.75	1.58	1.58	7.51
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)			103.08
	(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)			93.80
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			98.8

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG valve (under window) 3/6 litre flush (A9801212A0)	17.64
Taps	Cloaks - Bristan - PISA Chrome Small Mixer (PS SMBAS C) + Bristan Flow Restrictor (ECO Tap3) / Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.51
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m. / Bed 1 Ensuite (5b only) Mira Minimal Dual Outlet Mixer Shower (38954W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (ECO Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5

Category 'J' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	3.80	1.58	1.58	7.58
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)			103.15
	(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)			93.86
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			98.9

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG valve (under window) 3/6 litre flush (A9801212A0)	17.64
Taps	Cloaks - Bristan - PISA Chrome Small Mixer (PS SMBAS C) + Bristan Flow Restrictor (ECO Tap3) / Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.58
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m. / Bed 1 Ensuite (5b only) Mira Minimal Dual Outlet Mixer Shower (38954W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (ECO Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5

Category 'K' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	3.80	1.58	1.58	7.58
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)			103.15
	(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)			93.86
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			98.9

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG valve (under window) 3/6 litre flush (A8901212A0)	17.64
Taps	Cloaks - Bristan - PISA Chrome Small Mixer (PS SMBAS C) + Bristan Flow Restrictor (ECO Tap3) / Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.58
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (Eco Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5



Category 'L' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	3.75	1.58	1.58	7.51
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)			103.08
	(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)			93.80
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			98.8

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG valve (under window) 3/6 litre flush (A8901212A0)	17.64
Taps	Cloaks - Bristan - PISA Chrome Small Mixer (PS SMBAS C) + Bristan Flow Restrictor (ECO Tap3) / Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.51
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (Eco Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5



Category 'M' House Type Water Efficiency Calculation

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)	6	1.46	0.00	8.76
	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)	3.75	1.58	1.58	7.51
Bath (where shower also present)	Capacity to overflow(litres)	155.00	0.11	0.00	17.05
Shower (where bath also present)	Flow Rate(litres / minute)	6.00	4.37	0.00	26.22
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)	6.00	0.44	10.36	13.00
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ 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)			103.08
	(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)			93.80
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			98.8

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Roca Basic Tank with AG valve (under window) 3/6 litre flush (A9801212A0)	17.64
Taps	Cloaks - Bristan - PISA Chrome Small Mixer (PS SMBAS C) + Bristan Flow Restrictor (ECO Tap3) / Basin - Bristan - PISA Chrome Mixer (PS BAS C) + Bristan Flow Restrictor (ECO Tap4)	7.51
Baths (shower(s) present)	Roca Oslo Acrylic Bath 155 litre capacity (Z247998500)	17.05
Showers (bath(s) present)	Mira Minimal Single Outlet Mixer Shower (38953W-CP). Product factory restricted to 6l/m.	26.22
Kitchen Taps	Leisure - Aquapace Single Lever Tap Chrome (TAQPACE40CM) + Bristan Flow Restrictor (ECO Tap6)	13.00
Washing Machines		17.157
Dishwasher		4.5

